LOAD & INFLATION TABLES TABLE OF CONTENTS

BIAS ARTICULATED DUMP TRUCK

17.5-25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B17B	17	CT	CT	CT	CT	CT	CT

20.5-25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B18E	20	16	35	20	45	20	45
Bell	B20B	20	16	35	20	40	20	40
Bell	B20D 6x4	18	16	30	24	45	20	45
Bell	B20D 6x6	18	16	30	24	50	24	45
Bell	B20E	20	16	35	20	45	20	45
Caterpillar	D250B	25	24	50	CT	CT	CT	CT
Caterpillar	D250D	25	24	45	CT	CT	CT	CT
Komatsu	HA250-1	25	CT	CT	CT	CT	CT	CT
Moxy	MT30 LHS	30	CT	CT	CT	CT	CT	CT
Terex	2364	23	24	50	24	50	24	45
Terex	2366	23	24	50	24	50	24	45
Terex	2566B	25	CT	CT	CT	CT	24	50
Terex	2566C	25	CT	CT	CT	CT	24	55
Volvo	A20 6X4	20	-	-	20	45	20	45
Volvo	A20 6x6	20	-	-	20	45	20	45
Volvo	A20C 6X6	20	20	40	20	45	20	45
Volvo	A25 6X4	25	20	40	CT	CT	CT	CT
Volvo	A25	25	20	45	CT	CT	CT	CT
Volvo	A25B	25	20	40	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

23.5-25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B25B	25	20	35	20	35	20	35
Bell	B25D	26	20	35	20	40	20	40
Bell	B25E	27	16	30	CT	CT	CT	CT
Bell	B30B	30	CT	CT	CT	CT	CT	CT
Bell	B30D	30	20	35	CT	CT	CT	CT
Bell	B30E	31	20	35	CT	CT	CT	CT

CONTINUES ON NEXT PAGE

23.5-25 ARTICULATED DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	D20D	20	CT	CT	12	25	CT	CT
Caterpillar	D250B	25	20	35	20	40	20	40
Caterpillar	D250D	25	16	30	20	40	20	40
Caterpillar	D250E	25	20	40	CT	CT	CT	CT
Caterpillar	D300B	30	20	40	CT	CT	CT	CT
Caterpillar	D300D	30	20	40	CT	CT	CT	CT
Caterpillar	D300E	30	20	40	CT	CT	CT	CT
Caterpillar	D350C	35	CT	CT	CT	CT	CT	CT
Caterpillar	725	25	20	40	CT	CT	CT	CT
Caterpillar	725	26	CT	CT	CT	CT	CT	CT
Caterpillar	725C	26	CT	CT	CT	CT	CT	CT
Caterpillar	725C2	27	CT	CT	CT	CT	CT	CT
Caterpillar	730	30	CT	CT	CT	CT	CT	CT
Caterpillar	730	31	CT	CT	CT	CT	CT	CT
Caterpillar	730 EJ	31	CT	CT	CT	CT	CT	CT
Caterpillar	730C	31	CT	CT	CT	CT	CT	CT
Caterpillar	730C EJ	31	CT	CT	CT	CT	CT	CT
Caterpillar	730C2	31	CT	CT	CT	CT	CT	CT
Caterpillar	730C2 EJ	31	CT	CT	CT	CT	CT	CT
Deere	250C	25	20	35	16	30	20	35
Deere	250D	25	20	35	20	40	20	40
Deere	250D-II	25	20	35	20	40	20	40
Deere	260E	26	CT	CT	CT	CT	CT	CT
Deere	300C	30	20	40	CT	CT	CT	CT
Deere	300D	30	20	35	CT	CT	CT	CT
Deere	300D-II	30	20	40	CT	CT	CT	CT
Deere	310E	31	CT	CT	CT	CT	CT	CT
Doosan	DA30	31	CT	CT	CT	CT	CT	CT
Doosan	DA30-5	31	CT	CT	CT	CT	CT	CT
Komatsu	HA270-1	27	CT	CT	CT	CT	CT	CT
Komatsu	HM300-1	30	CT	CT	CT	CT	CT	CT
Komatsu	HM300-2	30	CT	CT	CT	CT	CT	CT
Komatsu	HM300-3	31	CT	CT	CT	CT	CT	CT
Komatsu	HM300-5	31	CT	CT	CT	CT	CT	CT
Moxy	MT26	26	CT	CT	CT	CT	CT	CT
Moxy	MT30X	30	CT	CT	20	35	20	35
Moxy	MT30LHS	30	CT	CT	CT	CT	CT	CT
Moxy	MT31	31	CT	CT	CT	CT	CT	CT
Randon	RK-628	28	20	35	CT	CT	CT	CT
Terex	2566B	25	CT	CT	20	35	20	35
Terex	2566C	25	CT	CT	20	40	20	35
Terex	2766B	28	CT	CT	20	40	20	40
Terex	2766C	28	CT	CT	CT	CT	20	40
Terex	3066	30	CT	CT	CT	CT	CT	CT
Terex	3066C	30	20	40	CT	CT	CT	CT
Terex	TA250	28	CT	CT	CT	CT	CT	CT

CONTINUES ON NEXT PAGE

23.5-25 ARTICULATED DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Terex	TA250-9	28	CT	CT	CT	CT	CT	CT
Terex	TA300	31	CT	CT	CT	CT	CT	CT
Terex	TA300-T4	31	CT	CT	CT	CT	CT	CT
Terex	TA300-9	31	CT	CT	CT	CT	CT	CT
Volvo	A20 6X4	20	12	25	-	-	-	-
Volvo	A25	25	16	30	20	40	20	40
Volvo	A25 4X4	25	16	35	-	-	-	-
Volvo	A25 6X4	25	16	30	20	40	20	40
Volvo	A25B	25	16	30	20	40	20	40
Volvo	A25B 4X4	25	16	35	-	-	-	-
Volvo	A25C	25	16	30	20	40	20	40
Volvo	A25C 4X4	25	20	35	-	-	-	-
Volvo	A25C 6X6	25	16	30	20	40	20	40
Volvo	A25D	27	20	40	CT	CT	CT	CT
Volvo	A25E	27	20	40	CT	CT	CT	CT
Volvo	A25E 4X4	27	CT	CT	-	-	-	-
Volvo	A25F	27	20	40	CT	CT	CT	CT
Volvo	A25G	27	CT	CT	CT	CT	CT	CT
Volvo	A30	30	20	40	CT	CT	CT	CT
Volvo	A30C	30	CT	CT	CT	CT	CT	CT
Volvo	A30C 6X6	30	CT	CT	CT	CT	CT	CT
Volvo	A30D	31	CT	CT	CT	CT	CT	CT
Volvo	A30E	31	CT	CT	CT	CT	CT	CT
Volvo	A30F	31	CT	CT	CT	CT	CT	CT
Volvo	A30G	31	CT	CT	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

26.5-25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B35D	36	26	45	32	55	32	55
Bell	B35E	37	32	50	44	55	32	55
Bell	B40	40	32	50	44	60	44	60
Bell	B40B	40	32	50	44	55	44	55
Bell	B40D 6x4	40	26	45	44	60	44	55
Caterpillar	D25C	25	32	50	CT	-	44	55
Caterpillar	D25D	25	32	50	CT	-	44	55
Caterpillar	D350C	35	26	45	26	45	26	45
Caterpillar	D350D	35	32	45	26	45	26	45
Caterpillar	D400D	40	32	50	44	55	44	55

CONTINUES ON NEXT PAGE

26.5-25 ARTICULATED DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	735	35	32	55	32	55	32	55
Caterpillar	735	36	44	55	32	55	32	50
Caterpillar	735B	36	44	60	32	55	32	50
Caterpillar	735B	36	44	60	32	55	32	50
Caterpillar	735C	36	32	55	32	55	32	50
Deere	350C	35	32	45	32	50	32	50
Deere	350D	35	26	45	32	50	32	50
Deere	350D Series II	35	32	50	32	50	32	50
Deere	370E	37	32	50	44	55	32	55
Komatsu	HM350-2	36	32	50	32	55	32	55
Moxy	MT36	36	32	45	32	50	32	50
Moxy	MT40	40	32	45	32	55	32	55
Terex	4066	37	20	40	32	50	32	50
Terex	4066B	40	26	45	44	55	44	55
Terex	4066C	40	26	45	44	60	44	60
Terex	TA350	38	26	40	44	60	44	60
Volvo	A35	35	20	40	32	50	32	50
Volvo	A35C	35	20	40	32	50	32	50
Volvo	A35C 6X6	35	20	40	32	50	32	50
Volvo	A35D	36	26	40	32	55	32	55
Volvo	A35E	37	26	40	44	55	44	55
Volvo	A35E-FS	37	26	40	44	55	44	55
Volvo	A35F	37	26	45	44	55	44	55
Volvo	A35F-FS	37	26	45	44	55	44	55
Volvo	A35G	37	32	45	44	55	44	55
Volvo	A35G-FS	37	32	45	44	55	44	55

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

29.5-25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Atlas	FB-645	45	34	55	34	60	34	60
Bell	B40B	40	28	45	28	50	28	45
Bell	B40D	41	28	40	34	50	34	50
Bell	B40E	43	28	45	34	55	34	55
Bell	B45D	45	28	45	38	60	34	60
Bell	B45E	45	28	45	34	55	34	55
Bell	B50E	50	34	50	CT	CT	CT	CT
Caterpillar	D30C 4x4	30	28	45	-	-	38	60
Caterpillar	D30D 4x4	30	28	45	-	-	38	60

CONTINUES ON NEXT PAGE

29.5-25 ARTICULATED DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	D35C	35	28	45	-	-	CT	-
Caterpillar	D40D	40	34	55	-	-	CT	-
Caterpillar	D350C	35	28	35	28	40	28	35
Caterpillar	D350D	35	28	40	28	40	28	40
Caterpillar	D400D	40	28	45	28	45	28	45
Caterpillar	D400E	40	28	45	28	45	28	45
Caterpillar	740	40	34	50	28	50	28	45
Caterpillar	740	44	34	55	34	55	34	50
Caterpillar	740 EJ	42	28	45	38	60	34	55
Caterpillar	740B	44	34	55	34	55	34	50
Caterpillar	740B EJ	42	28	50	34	60	34	55
Caterpillar	740C EJ	42	28	45	34	60	34	55
Caterpillar	740 GC	40	28	50	34	50	28	50
Caterpillar	745C	45	34	55	34	55	34	55
Deere	370E	37	28	45	28	45	28	45
Deere	400C	40	28	45	28	45	28	45
Deere	400D	40	28	40	34	50	34	50
Deere	400D Series II	40	28	40	34	55	34	50
Deere	410E	41	28	45	34	50	34	50
Deere	460E	46	28	50	34	55	34	55
Doosan	DA40	44	28	45	34	55	34	55
Doosan	DA40-5	44	28	45	34	55	34	55
Komatsu	HD400	40	28	40	34	50	34	50
Komatsu	HM400-2	40	28	40	34	55	34	55
Komatsu	HM400-3	44	28	45	34	60	34	60
Komatsu	HM400-5	44	28	50	38	60	34	55
Moxy	MT41	41	28	40	34	50	34	50
Moxy	MT51	51	28	45	38	60	38	60
Terex	TA400-9	42	28	40	34	55	34	55
Volvo	A40	40	28	35	34	50	34	50
Volvo	A40D	41	28	40	34	55	34	55
Volvo	A40E	43	28	40	34	55	34	55
Volvo	A40E-FS	43	28	40	34	55	34	55
Volvo	A40F	43	28	45	34	55	34	55
Volvo	A40F-FS	43	28	40	34	55	34	55
Volvo	A40G	43	28	45	34	55	34	55
Volvo	A40G-FS	43	28	45	34	55	34	55
Volvo	A45G	45	28	45	34	55	34	55
Volvo	A45G-FS	45	28	45	34	55	34	55
Volvo	A25 4X4	25	-	-	-	-	34	55
Volvo	A25B 4X4	25	-	-	-	-	34	55
Volvo	A25C 4X4	25	-	-	-	-	34	55
Volvo	A25E 4X4	27	-	-	-	-	38	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

BIAS GRADER

13.00-24TG GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	845B	12	35	12	45	12	45
Case	865B	12	40	12	45	12	45
Case	865B AWD	12	40	16	45	16	45
Caterpillar	12M	12	45	CT	CT	CT	CT
Caterpillar	120M2	12	40	CT	CT	CT	CT
Caterpillar	120M2 AWD	12	45	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

14.00-24TG GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	845B	12	25	12	40	12	40
Case	865B	12	25	12	40	12	40
Case	865B AWD	12	30	12	40	12	40
Case	885B	12	35	14	40	14	40
Case	885B AWD	12	40	14	40	14	40
Caterpillar	12M	12	30	14	40	14	40
Caterpillar	12M2	12	35	14	45	14	45
Caterpillar	12M2 AWD	12	35	CT	CT	CT	CT
Caterpillar	12M3	12	35	CT	CT	CT	CT
Caterpillar	12M3 AWD	12	35	CT	CT	CT	CT
Caterpillar	120M2	12	30	14	40	14	40
Caterpillar	120M2 AWD	12	30	14	45	14	45
Caterpillar	140	12	30	16	45	16	45
Caterpillar	140H	12	25	12	40	12	40
Caterpillar	140M	12	30	14	45	14	45
Caterpillar	140M AWD	12	35	CT	CT	CT	CT
Caterpillar	140M2	12	35	CT	CT	CT	CT
Caterpillar	140M2 AWD	12	40	CT	CT	CT	CT
Caterpillar	140M3	12	35	CT	CT	CT	CT
Caterpillar	140M3 AWD	14	40	CT	CT	CT	CT
Caterpillar	160M	12	35	CT	CT	CT	CT
Caterpillar	160M AWD	12	40	CT	CT	CT	CT
Caterpillar	160M2	12	35	CT	CT	CT	CT
Caterpillar	160M2 AWD	14	40	CT	CT	CT	CT
Caterpillar	160M3	12	35	CT	CT	CT	CT
Caterpillar	160M3 AWD	14	40	CT	CT	CT	CT

CONTINUES ON NEXT PAGE

14.00-24TG GRADER USAGE CHART CONTINUED

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Deere	620G/GP	12	30	14	45	14	45
Deere	622G/GP	12	35	14	45	14	45
Deere	670G Std	12	25	12	40	12	40
Deere	670G w/ ripper	12	35	14	45	14	45
Deere	672G Std	12	30	12	40	12	40
Deere	672G w/ ripper	12	35	CT	CT	CT	CT
Deere	770C std	12	25	12	40	12	40
Deere	770C w/ scarifier	12	30	12	40	12	40
Deere	770C w/ ripper	12	25	12	40	12	40
Deere	770CH std	12	25	12	40	12	40
Deere	770CH w/ scarifier	12	30	12	40	12	40
Deere	770CH w/ ripper	12	25	12	40	12	40
Deere	770G std	12	25	12	40	12	40
Deere	770G w/ ripper	12	35	CT	CT	CT	CT
Deere	772CH std	12	25	12	40	12	40
Deere	772CH w/ scarifier	12	35	12	40	12	40
Deere	772CH w/ ripper	12	30	12	40	12	40
Deere	772D std	12	25	12	40	12	40
Deere	772D w/ ripper	12	30	14	40	14	40
Deere	772G std	12	30	14	40	14	40
Deere	772G w/ ripper	12	40	CT	CT	CT	CT
Deere	870G std	12	25	14	40	14	40
Deere	870G w/ ripper	12	35	CT	CT	CT	CT
Deere	872G std	12	30	14	40	14	40
Deere	872G w/ ripper	14	40	CT	CT	CT	CT
Terex	TG140	12	30	12	40	12	40
Terex	TG180	14	40	12	40	12	40
Terex	TG200	14	40	12	40	12	40
Volvo	G930B	12	25	12	40	12	40
Volvo	G930C	12	25	12	40	12	40
Volvo	G940B	12	30	12	40	12	40
Volvo	G940C	12	30	14	40	14	40
Volvo	G946B	12	30	14	40	14	40
Volvo	G946C	12	30	14	40	14	40
Volvo	G960B	12	30	14	40	14	40
Volvo	G960C	12	30	14	40	14	40

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

16.00-24TG GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	845B	16	20	16	40	16	40
Case	865B	16	20	16	40	16	40
Case	865B AWD	16	25	16	40	16	40
Case	885B	16	25	16	40	16	40
Case	885B AWD	16	30	16	40	16	40
Caterpillar	14M	16	30	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

17.5-25 GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	845B	12	20	12	40	12	40
Case	856C	12	20	12	40	12	40
Case	856C AWD	12	20	12	40	12	40
Case	865B	12	25	12	40	12	40
Case	865B AWD	12	25	12	40	12	40
Case	885B	12	30	16	40	16	40
Case	885B AWD	16	CT	16	40	16	40
Caterpillar	12M	12	25	16	40	16	40
Caterpillar	12M2	12	30	20	40	20	40
Caterpillar	12M2 AWD	16	CT	20	40	20	40
Caterpillar	12M3	12	30	20	40	20	40
Caterpillar	12M3 AWD	16	CT	20	40	20	40
Caterpillar	120M2	12	25	16	40	16	40
Caterpillar	120M2 AWD	12	30	20	40	20	40
Caterpillar	140H	12	20	12	40	12	40
Caterpillar	140M	12	30	20	40	20	40
Caterpillar	140M AWD	12	30	20	40	20	40
Caterpillar	140M2	12	30	20	40	20	40
Caterpillar	140M2 AWD	16	CT	20	40	20	40
Caterpillar	140M3	12	30	20	40	20	40
Caterpillar	140M3 AWD	16	CT	CT	40	CT	40
Caterpillar	160M	12	30	20	40	20	40
Caterpillar	160M AWD	16	CT	20	40	20	40
Caterpillar	160M2	16	CT	20	40	20	40
Caterpillar	160M2 AWD	16	CT	CT	CT	CT	CT
Caterpillar	160M3	16	CT	CT	40	CT	40
Caterpillar	160M3 AWD	16	CT	CT	CT	CT	CT
Deere	620G/GP	12	25	16	40	16	40
Deere	622G/GP	12	30	20	40	20	40

CONTINUES ON NEXT PAGE

17.5-25 GRADER USAGE CHART CONTINUED

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Deere	670G Std	12	20	16	40	16	40
Deere	670G w/ ripper	12	30	20	40	20	40
Deere	672G Std	12	25	16	40	16	40
Deere	672G w/ ripper	16	CT	20	40	20	40
Deere	770C std	12	20	12	40	12	40
Deere	770C w/ scarifier	12	25	12	40	12	40
Deere	770C w/ ripper	12	25	16	40	16	40
Deere	770CH std	12	20	12	40	12	40
Deere	770CH w/ scarifier	12	25	12	40	12	40
Deere	770CH w/ ripper	12	25	16	40	16	40
Deere	770G std	12	20	16	40	16	40
Deere	770G w/ ripper	12	30	20	40	20	40
Deere	772CH std	12	25	12	40	12	40
Deere	772CH w/ scarifier	12	30	12	40	12	40
Deere	772CH w/ ripper	12	25	16	40	16	40
Deere	772D std	12	20	12	40	12	40
Deere	772D w/ ripper	12	25	16	40	16	40
Deere	772G std	12	25	16	40	16	40
Deere	772G w/ ripper	16	CT	20	40	20	40
Deere	870G std	12	25	16	40	16	40
Deere	870G w/ ripper	12	30	20	40	20	40
Deere	872G std	12	25	16	40	16	40
Deere	872G w/ ripper	16	CT	CT	CT	CT	CT
Komatsu	GD655-5	12	25	12	40	12	40
Komatsu	GD655-5 w/ ripper	12	30	16	40	16	40
Komatsu	GD655-5 w/ scarifier	12	25	16	40	16	40
Komatsu	GD655-6	12	20	16	40	16	40
Komatsu	GD655-6 w/ ripper	12	25	20	40	20	40
Komatsu	GD655-6 w/ scarifier	12	25	16	40	16	40
Komatsu	GD655-7	12	20	16	40	16	40
Volvo	G930B	12	25	12	40	12	40
Volvo	G930C	12	25	20	40	20	40
Volvo	G940B	12	25	16	40	16	40
Volvo	G940C	12	25	CT	CT	CT	CT
Volvo	G946B	12	25	16	40	16	40
Volvo	G946C	12	30	CT	CT	CT	CT
Volvo	G960B	12	25	16	40	16	40
Volvo	G960C	12	30	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

BIAS LOADER

15.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	910K	1.7	12	55	12	35
Caterpillar	910M	2.5	12	70	12	40
Caterpillar	914G2	1.8	24	55	24	35
Hitachi	ZW100	1.7	24	55	24	35
Hitachi	ZW100 HL	1.4	24	50	24	35
Komatsu	WA150-5	1.6	24	50	24	35
Volvo	L45H	2	24	65	24	40
Volvo	L50H	2.1	24	70	24	40

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

17.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	IT14B	1.6	12	50	12	35
Caterpillar	IT14F	1.6	12	50	12	35
Caterpillar	IT14G	1.7	12	45	12	35
Caterpillar	IT18	1.5	12	50	12	35
Caterpillar	IT18B	1.75	12	55	12	35
Caterpillar	IT18F	2	12	60	12	35
Caterpillar	IT24	2.3	12	60	12	35
Caterpillar	IT24F	2.4	12	65	12	35
Caterpillar	IT28	2	12	55	12	35
Caterpillar	IT28B	2.25	12	60	12	35
Caterpillar	IT28F	2.6	12	65	12	40
Caterpillar	910M	2.5	12	60	12	35
Caterpillar	914G	1.7	12	45	12	35
Caterpillar	914G2	1.8	12	50	12	35
Caterpillar	914K	1.7	12	45	12	35
Caterpillar	914K HL	1.7	12	50	12	35
Caterpillar	914M	2.5	12	60	12	35
Caterpillar	916	2	12	50	12	35
Caterpillar	918F	2	12	55	12	35
Caterpillar	918M	2.5	12	60	12	35
Caterpillar	924F	2.25	12	55	12	35
Caterpillar	924Gz	2.3	12	60	12	35
Caterpillar	924K	2.5	16	75	12	45
Caterpillar	926	1.75	12	50	12	35
Caterpillar	926E	2.25	12	55	12	35
Caterpillar	926M	2.5	16	75	12	45
Caterpillar	928F	2.6	12	65	12	35
Caterpillar	928G	2.6	12	65	12	40
Caterpillar	930	2.25	12	60	12	35
Caterpillar	936	2.75	16	75	12	45
Caterpillar	936E	3	16	80	12	45
Caterpillar	936F	3	16	80	12	45
Case	W14C	1.7	12	45	12	35
Case	W18	2	12	55	12	35
Case	W18B	2	12	55	12	35
Case	W20	2	12	60	12	35
Case	W20B	2.5	12	60	12	35
Case	W20C	2	12	55	12	35
Case	W24B	2.5	12	60	12	35
Case	W24C	3	16	70	12	40
Case	521D	2	12	55	12	35
Case	521G Z-Bar	2.1	12	60	12	35

CONTINUES ON NEXT PAGE

17.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	521G Z-Bar	2	12	55	12	35
Case	521G Z-Bar	2.3	12	60	12	35
Case	521G XR	2.1	12	60	12	35
Case	521G XR	2	12	60	12	35
Case	521G XR	2.3	12	65	12	35
Case	521G XT	2.1	12	60	12	35
Case	521G XT	2	12	60	12	35
Case	621	2.2	12	65	12	35
Daewoo	Mega 200	2.4	12	60	12	35
Daewoo	Mega 200-III	2.3	12	60	12	35
Deere	304H	1.25	12	50	12	35
Deere	304H WH	1	12	45	12	35
Deere	324H	1.75	12	55	12	35
Deere	344E	1.6	12	45	12	35
Deere	344G	1.6	12	45	12	35
Deere	344H	2	12	45	12	35
Deere	344K	1.75	12	50	12	35
Deere	344L	2	12	55	12	35
Deere	344L HL	2	12	55	12	35
Deere	444	1.5	12	45	12	35
Deere	444C	1.75	12	50	12	35
Deere	444D	1.75	12	50	12	35
Deere	444E	1.75	12	50	12	35
Deere	444G	1.75	12	50	12	35
Deere	444H	2.5	12	60	12	35
Deere	444H-HL	2.5	12	65	12	40
Deere	444K Z-bar	2.5	12	65	12	40
Deere	444K HL	2.5	16	70	12	40
Deere	444K Powerllel	2.5	16	75	12	45
Deere	544B	1.75	12	55	12	35
Deere	544C	2	12	55	12	35
Deere	544D	2.2	12	60	12	35
Deere	544E	2.2	12	60	12	35
Deere	544G	2.5	12	65	12	35
Deere	544G-TC	2.5	12	65	12	40
Deere	TC44H	2	12	55	12	35
Deere	TC54H	2.5	12	60	12	35
Deere	TC62H	3	12	60	12	35
Fiatallis	FR7B	1.4	12	40	12	35
Fiatallis	FR7C	1.4	12	40	12	35
Fiatallis	FR70	1.4	12	40	12	35
Fiatallis	345B	1.5	12	45	12	35
Fiatallis	FR9B PL	1.7	12	50	12	35
Fiatallis	FR90 PL	1.8	12	55	12	35
Fiatallis	FR9B	1.8	12	50	12	35
Fiatallis	FR9C	1.8	12	45	12	35
Fiatallis	FR90	1.8	12	50	12	35
Fiatallis	FR10	2	12	55	12	35
Fiatallis	FR10B	2.2	12	55	12	35
Fiatallis	FR10C	2.25	12	55	12	35
Fiatallis	FR100	2.25	12	55	12	35
Fiatallis	FR11	2.5	12	65	12	40
Fiatallis	FR12	2.5	12	65	12	40
Fiatallis	FR12B	2.5	12	60	12	35
Fiatallis	FR120	2.5	12	60	12	35
Fiatallis	FR120-2	2.5	12	65	12	40
Fiatallis	FW130	2.75	16	70	12	45
Fiatallis	FW110	2.2	12	55	12	35
Fiat Hitachi	W110	2.1	12	55	12	35
Fiat Hitachi	W130 PL	2.6	12	65	12	40
Furukawa	FL120-I	1.7	12	50	12	35
Furukawa	FL120A-I	1.7	12	50	12	35
Hitachi	ZW120	2	12	50	12	35
Hitachi	ZW120 HL	1.75	12	50	12	35
Hitachi	ZW120-6	2	12	50	12	35
Hitachi	ZW120-6 HL	2	12	55	12	35
Hitachi	ZW140	2.6	12	65	12	35
Hitachi	ZW140 HL	2	12	60	12	35
Hitachi	ZW140-6	2.7	12	65	12	40
Hitachi	ZW140-6 HL	2.7	16	70	12	40
Hyundai	HL17	2.4	12	65	12	40
Hyundai	HL730-9A	2.5	12	60	12	35
Hyundai	HL730XTD-9A	2.5	12	65	12	35
Hyundai	HL730TM-9A	2.2	12	60	12	35
Hyundai	HL740-9A	3	16	80	12	45
Hyundai	HL740XTD-9A	3	20	80	12	50
Hyundai	HL740TM-9A	3	20	85	12	55
Hyundai	HL757-9A	3.7	20	90	16	55
Hyundai	HL757XTD-9A	3.7	24	100	16	65
Hyundai	HL757TM-9A	3.5	24	95	16	60
Hyundai	HL940	3	16	75	12	45
Hyundai	HL940 XT	3	16	80	12	50
Hyundai	HL955	3.1	20	85	12	50
Hyundai	HL955 XTD	3.1	20	90	16	55
JCB	411HT	1.6	12	45	12	35
JCB	416HT	2.2	12	55	12	35
JCB	417HT	2	12	55	12	35
JCB	417HT HL	2	12	55	12	35
JCB	417HT SHL	2	12	60	12	35
Kawasaki	50ZIV	1.7	12	45	12	35

CONTINUES ON NEXT PAGE

17.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Kawasaki	50ZIV-2	2	12	45	12	35
Kawasaki	60Z	2.1	12	55	12	35
Kawasaki	60ZII	2.1	12	55	12	35
Kawasaki	60ZIII	2.1	12	50	12	35
Kawasaki	60ZIV	2.1	12	50	12	35
Kawasaki	60ZIV-2	2.5	12	55	12	35
Kawasaki	60Z7	2	12	50	12	35
Kawasaki	60ZV-2	2.2	12	55	12	35
Kawasaki	60ZV-2 HL	2.2	12	60	12	35
Kawasaki	60ZV-2 SHL	2.2	12	60	12	35
Kawasaki	62Z7	2.75	12	65	12	40
Kawasaki	65TM-2	2.6	16	80	12	50
Kawasaki	65Z	2.3	12	60	12	35
Kawasaki	65ZII	2.3	12	60	12	35
Kawasaki	65ZIII	2.6	12	65	12	35
Kawasaki	65ZIV	2.6	12	65	12	35
Kawasaki	65ZIV-2	3	16	70	12	45
Kawasaki	65ZV-2	3	16	70	12	40
Kawasaki	65ZV-2 HL	2.8	16	70	12	40
Kawasaki	65ZV-2 SHL	2.8	16	70	12	45
Komatsu	WA120-1	1.75	12	50	12	35
Komatsu	WA120-3	1.85	12	45	12	35
Komatsu	WA150-5	2	12	50	12	35
Komatsu	WA180-1	2.25	12	55	12	35
Komatsu	WA180-3	2.9	12	65	12	35
Komatsu	WA180-3 PTC	2.5	12	65	12	35
Komatsu	WA200-5	2.6	12	60	12	35
Komatsu	WA200-6	2.6	12	60	12	35
Komatsu	WA200PZ-6	2.6	12	65	12	40
Komatsu	WA200-7	2.6	12	65	12	40
Komatsu	WA200-8	2.6	12	65	12	40
Komatsu	WA250-5	3	16	70	12	40
Komatsu	WA250-6	3	12	65	12	40
Komatsu	WA250PZ-6	2.9	16	75	12	45
Komatsu Dresser	512	1.7	12	50	12	35
Komatsu Dresser	515B	1.6	12	45	12	35
Komatsu Dresser	515C	2	12	50	12	35
Komatsu Dresser	515CH	2	12	55	12	35
Komatsu Dresser	518	2.2	12	55	12	35
Komatsu Dresser	520B	2.25	12	60	12	35
Komatsu Dresser	520C	2.5	12	60	12	35
Liebherr	L524 Z-bar	2.7	12	65	12	40
Liebherr	L524	2.4	12	65	12	40
Liebherr	L524 HL	2.4	16	70	12	45
Liebherr	L526 Z-bar	2.75	12	70	12	40
Liebherr	L526	2.75	16	75	12	45
Liebherr	L526 HL	2.75	16	80	12	50
Liebherr	L528 Z-bar	3	16	70	12	40
Liebherr	L528	2.7	16	70	12	40
Liebherr	L528 HL	2.7	16	80	12	45
Terex	33C	1.75	12	50	12	35
Terex	44C	2.25	12	65	12	40
Volvo	L45H	2	12	55	12	35
Volvo	L50C	2	12	50	12	35
Volvo	L50D	2	12	55	12	35
Volvo	L50H	2.1	12	55	12	35
Volvo	L60G	2.75	16	70	12	40
Volvo	L60H	2.75	16	70	12	40
Volvo	L70B	2.1	12	60	12	35
Volvo	L70C	2.5	12	60	12	35
Volvo	L70D	2.5	12	65	12	40

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

20.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

*This excludes HK 458, see pages 85-86 for HK 458 pressures

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	IT38F	3.25	16	60	12	35
Caterpillar	IT38G	3.3	16	60	12	35
Caterpillar	IT38H	3.3	16	65	12	35
Caterpillar	924G	2.3	12	45	12	35
Caterpillar	924H	2.4	12	45	12	35
Caterpillar	924HZ	2.3	12	45	12	35
Caterpillar	924K	2.5	12	55	12	35
Caterpillar	926M	2.5	16	55	12	35
Caterpillar	928HZ	2.6	12	50	12	35
Caterpillar	930H	2.7	12	55	12	35
Caterpillar	930K	2.75	16	55	12	35
Caterpillar	930M	2.75	16	55	12	35
Caterpillar	930M HL	2.7	16	60	12	35
Caterpillar	936F TC	3	16	55	12	35
Caterpillar	938F	3.25	16	55	12	35
Caterpillar	938G	3.25	16	60	12	35
Caterpillar	938H	3.65	20	65	16	40
Caterpillar	938K	3.25	16	65	12	35
Caterpillar	938M	3.25	20	65	16	40
Caterpillar	938M HL	3.2	20	70	16	40
Caterpillar	950B	3.75	20	70	16	40
Caterpillar	950F	4	20	75	16	45
Case	521G Z-Bar	2.1	12	45	12	35
Case	521G Z-Bar	2	12	40	12	35
Case	521G Z-Bar	2.3	12	45	12	35
Case	521G XR	2.1	12	45	12	35
Case	521G XR	2	12	45	12	35
Case	521G XR	2.3	12	45	12	35
Case	521G XT	2.1	12	45	12	35
Case	521G XT	2	12	45	12	35
Case	621B	2.25	12	45	12	35
Case	621B	3	12	55	12	35
Case	621B XT	2.25	12	50	12	35
Case	621D	2.5	12	50	12	35
Case	621E	3	12	55	12	35
Case	621E XT	3	16	55	12	35
Case	621E XR	3	16	55	12	35
Case	621G Z-Bar	2.5	12	50	12	35
Case	621G Z-Bar	2.4	12	45	12	35
Case	621G Z-Bar	2.75	12	50	12	35
Case	621G XR	2.5	12	50	12	35
Case	621G XR	2.4	12	50	12	35
Case	621G XR	2.75	12	55	12	35
Case	621G XT	2.5	12	50	12	35

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	621G XT	2.4	12	50	12	35
Case	621G XT	3	16	55	12	35
Case	621G XT	2.8	16	55	12	35
Case	721	2.75	12	50	12	35
Case	721B	2.75	12	50	12	35
Case	721B XT	2.75	16	55	12	35
Case	721C	2.75	16	55	12	35
Case	721E	3.5	16	60	12	35
Case	721E XT	3	16	55	12	35
Case	721E XR	3	16	55	12	35
Case	721F	3	16	55	12	35
Case	721F XT	3	16	60	12	35
Case	721F XR	3	16	60	12	35
Case	721G Z-Bar	3	16	55	12	35
Case	721G Z-Bar	2.8	16	55	12	35
Case	721G Z-Bar	3.25	16	60	12	35
Case	721G XR	3	16	60	12	35
Case	721G XR	2.8	16	55	12	35
Case	721G XR	3.25	16	60	12	35
Case	721G XT	3	16	60	12	35
Case	721G XT	2.8	16	55	12	35
Case	W30	3.5	16	55	12	35
Daewoo	Mega 250-III	3.1	16	55	12	35
Deere	444K Z-bar	2.5	12	50	12	35
Deere	444K HL	2.5	12	50	12	35
Deere	444K Powerllel	2.5	12	50	12	35
Deere	524K Z-bar	2.75	12	50	12	35
Deere	524K HL	2.75	12	55	12	35
Deere	524L	2.75	12	50	12	35
Deere	524L HL	2.75	16	55	12	35
Deere	544H	3	12	55	12	35
Deere	544H-HL	3	16	55	12	35
Deere	544J	3	12	55	12	35
Deere	544J-HL	3	16	55	12	35
Deere	544K	3	16	55	12	35
Deere	544K-HL	3	16	55	12	35
Deere	544L	3	16	55	12	35
Deere	544L HL	2.75	16	55	12	35
Deere	624E	2.6	12	50	12	35
Deere	624G	3.25	16	55	12	35
Deere	624H	3.5	16	60	12	35
Deere	624H-HL	3	16	60	12	35
Deere	624K	3.5	16	60	12	35
Deere	624K-HL	3.5	16	65	12	35

CONTINUES ON NEXT PAGE

20.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

*This excludes HK 458, see pages 85-86 for HK 458 pressures

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Deere	624L	3.5	16	65	12	35
Deere	624L HL	3.5	20	65	16	40
Deere	644B	2.5	12	50	12	35
Deere	644C	3	12	55	12	35
Doosan	DL200	2.6	12	50	12	35
Doosan	DL200TC	2.6	12	50	12	35
Doosan	DL200-5	2.6	12	50	12	35
Doosan	DL200-5 HL	2.6	12	50	12	35
Doosan	DL200TC-5	2.6	12	50	12	35
Doosan	DL220-5	3	16	55	12	35
Doosan	DL220-5 HL	3	16	55	12	35
Doosan	DL250	3.3	16	60	12	35
Doosan	DL250TC	3.4	16	65	12	35
Doosan	DL250HL	3.4	16	60	12	35
Doosan	DL250-5	3.3	16	60	12	35
Doosan	DL250-5 HL	3.3	16	60	12	35
Doosan	DL250TC-5	3.3	16	60	12	35
Doosan	DL280-5	3.7	20	65	12	40
Doosan	DL280-5 HL	3.7	20	70	16	40
Dressta	520E	2.3	12	45	12	35
Fiatallis	FR130	3	16	55	12	35
Fiatallis	FR130-2	3	16	55	12	35
Fiatallis	FR140	3	16	55	12	35
Fiatallis	FR140-2	3.25	16	55	12	35
Fiatallis	FR15	3	16	55	12	35
Fiatallis	FR15B	3.1	16	60	12	35
Fiat Hitachi	W170 PL	3.9	20	65	12	40
Furukawa	FL150-I	2	12	40	12	35
Furukawa	FL200-I	2.6	12	50	12	35
Furukawa	FL230-I	3.1	16	60	12	35
Hitachi	ZW140-5	3	12	50	12	35
Hitachi	ZW140-5 HL	2.1	12	45	12	35
Hitachi	ZW140-6	2.7	12	50	12	35
Hitachi	ZW140-6 HL	2.7	12	55	12	35
Hitachi	ZW150	3	12	55	12	35
Hitachi	ZW150 HL	2.6	12	50	12	35
Hitachi	ZW150-5	3.3	16	55	12	35
Hitachi	ZW150-5 HL	2.6	12	50	12	35
Hitachi	ZW150-6	3.1	12	55	12	35
Hitachi	ZW150-6 HL	3.1	16	55	12	35
Hitachi	ZW150PL-6	2.7	12	50	12	35
Hitachi	ZW180	3.6	16	60	12	35
Hitachi	ZW180 HL	3.1	16	60	12	35
Hitachi	ZW180-5	3.7	16	65	12	35
Hitachi	ZW180-5 HL	3.1	16	60	12	35
Hitachi	ZW180-6	3.7	16	65	12	35
Hitachi	ZW180-6 HL	3.7	20	70	16	40
Hyundai	HL25	3.5	20	70	16	40
Hyundai	HL740-7A	2.7	12	50	12	35
Hyundai	HL740XTD-7A	2.7	12	50	12	35
Hyundai	HL740TM-7A	2.6	12	50	12	35
Hyundai	HL740-9A	3	16	55	12	35
Hyundai	HL740XTD-9A	3	16	60	12	35
Hyundai	HL740TM-9A	3	16	60	12	35
Hyundai	HL750	3	16	55	12	35
Hyundai	HL757-7A	2.7	16	55	12	35
Hyundai	HL757XTD-7A	2.7	16	55	12	35
Hyundai	HL757TM-7A	2.5	16	55	12	35
Hyundai	HL757-9A	3.7	16	65	12	35
Hyundai	HL757XTD-9A	3.7	20	70	16	40
Hyundai	HL757TM-9A	3.5	20	70	16	40
Hyundai	HL760-9A	4.3	24	75	16	45
Hyundai	HL760XTD-9A	4.3	24	80	16	50
Hyundai	HL940	3	16	55	12	35
Hyundai	HL940 XT	3	16	55	12	35
Hyundai	HL955	3.1	16	60	12	35
Hyundai	HL955 XTD	3.1	16	60	12	35
Hyundai	HL960	3.8	20	75	16	45
Hyundai	HL960 XT	3.8	20	75	16	45
JCB	417HT	2	12	40	12	35
JCB	417HT HL	2	12	40	12	35
JCB	417HT SHL	2	12	45	12	35
JCB	426HT	2.5	12	50	12	35
JCB	426HT	2.75	16	55	12	35
JCB	426ZX	2.5	12	50	12	35
JCB	426ZX	2.75	12	50	12	35
JCB	436HT	3.5	16	60	12	35
JCB	436ZX	3.5	16	65	12	35
JCB	456HT	4.6	CT	CT	20	55
Kawasaki	62Z7	2.75	12	50	12	35
Kawasaki	62Z7 HL	2.75	12	50	12	35
Kawasaki	65ZV-2	3	12	50	12	35
Kawasaki	65TMV-2	2.5	12	50	12	35
Kawasaki	67Z7	3.1	12	55	12	35
Kawasaki	67Z7 HL	3.1	16	55	12	35
Kawasaki	70Z	3	16	55	12	35
Kawasaki	70ZII	3	16	55	12	35
Kawasaki	70ZIII	3.25	16	55	12	35

CONTINUES ON NEXT PAGE

20.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

*This excludes HK 458, see pages 85-86 for HK 458 pressures

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Kawasaki	70ZIV	3.25	16	55	12	35
Kawasaki	70ZIV-2	3.5	16	60	12	35
Kawasaki	70ZV-2	3.5	16	55	12	35
Kawasaki	70TMV-2	3.4	20	65	12	40
Kawasaki	70Z7	3.7	16	65	12	35
Kawasaki	70Z7 HL	3.7	20	70	16	40
Kawasaki	80ZV-2	4.2	20	75	16	45
Komatsu	WA200-5	2.6	12	45	12	35
Komatsu	WA200-6	2.6	12	45	12	35
Komatsu	WA200PZ-6	2.5	12	50	12	35
Komatsu	WA200-7	2.6	12	50	12	35
Komatsu	WA200-8	2.6	12	50	12	35
Komatsu	WA250-1	3	12	50	12	35
Komatsu	WA250-3	3.5	16	55	12	35
Komatsu	WA250-3 PTC	3	16	55	12	35
Komatsu	WA250-5	3	12	50	12	35
Komatsu	WA250-6	3	12	50	12	35
Komatsu	WA250PZ-6	3	16	55	12	35
Komatsu	WA270-7	3	16	55	12	35
Komatsu	WA270-8	3	16	55	12	35
Komatsu	WA320-1	3.25	16	55	12	35
Komatsu	WA320-3	4.2	20	65	12	40
Komatsu	WA320-6	3.7	16	60	12	35
Komatsu	WA320PZ-6	3.5	20	65	12	40
Komatsu	WA320-7	3.7	20	65	12	40
Komatsu	WA320-8	3.7	20	65	16	40
Komatsu Dresser	520CH	2.5	12	45	12	35
Komatsu Dresser	525	2.7	12	50	12	35
Komatsu Dresser	530	3	16	55	12	35
Komatsu Dresser	530C	3	16	55	12	35
Komatsu Dresser	532	3.2	16	60	12	35
Liebherr	L538 Z-bar	3.4	16	55	12	35
Liebherr	L538	3	16	55	12	35
Liebherr	L538 HL	3	16	60	12	35
Liebherr	L542 Z-bar	3.7	16	65	12	35
Liebherr	L542	3.3	16	60	12	35
Liebherr	L542 HL	3.3	16	65	12	35
Liebherr	L546 Z-bar	3.6	16	60	12	35
Liebherr	L546	3.25	16	60	12	35
Liebherr	L546 HL	3.25	16	65	12	35
New Holland	W170B	3	16	55	12	35
New Holland	W170B TC/LR	3	16	55	12	35
Terex	55C	3	16	55	12	35
Terex	TL210	4.6	20	70	16	45
Terex	TL260	5.9	CT	CT	20	55
Volvo	L60F	2.7	12	50	12	35
Volvo	L60G	2.75	12	50	12	35
Volvo	L60H	2.75	12	50	12	35
Volvo	L70B	2.1	12	45	12	35
Volvo	L70C	2.5	12	45	12	35
Volvo	L70D	2.5	12	45	12	35
Volvo	L70F	3	16	55	12	35
Volvo	L70G	3	16	55	12	35
Volvo	L70H	3	16	55	12	35
Volvo	L90B	3	16	55	12	35
Volvo	L90C	3.5	16	65	12	35
Volvo	L90D	3.5	20	65	12	40
Volvo	L90E	3.25	16	60	12	35
Volvo	L90F	3.5	20	65	12	40
Volvo	L90G	3.25	16	60	12	35
Volvo	L90H	3.25	16	60	12	35

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

TITAN HK 458 20.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	IT38F	3.25	12	40	12	35
Caterpillar	IT38G	2.75	12	40	12	35
Caterpillar	IT38G	3.5	12	40	12	35
Caterpillar	IT38H	3.3	12	45	12	35
Caterpillar	924G	2.3	12	35	12	35
Caterpillar	924H	2.4	12	35	12	35
Caterpillar	924K	2.5	12	40	12	35
Caterpillar	924K	3.3	12	45	12	35
Caterpillar	924K	4.6	12	50	12	35
Caterpillar	924K	6.5	16	55	12	35
Caterpillar	926M	4	12	45	12	35
Caterpillar	926M	6.5	16	55	12	35
Caterpillar	928HZ	2.6	12	35	12	35
Caterpillar	930H	2.7	12	40	12	35
Caterpillar	930K	2.75	12	40	12	35
Caterpillar	930K	3.5	12	45	12	35
Caterpillar	930K	4.6	12	50	12	35
Caterpillar	930K	6.5	16	55	12	35
Caterpillar	930M	2.75	12	40	12	35
Caterpillar	930M	2.7	12	40	12	35
Caterpillar	930M	3.5	12	45	12	35
Caterpillar	930M	4	12	50	12	35
Caterpillar	930M	6.5	16	60	12	35
Caterpillar	936F TC	3	12	40	12	35
Caterpillar	938F	3.25	12	40	12	35
Caterpillar	938G	3.25	12	40	12	35
Caterpillar	938H	3.65	12	45	12	35
Caterpillar	938K	3.3	12	45	12	35
Caterpillar	938K	4.2	12	50	12	35
Caterpillar	938K	4.6	12	50	12	35
Caterpillar	938K	6.5	16	60	12	35
Caterpillar	938M	3.2	12	45	12	35
Caterpillar	938M	4	12	50	12	35
Caterpillar	938M	4.2	12	50	12	35
Caterpillar	938M	6.5	16	60	12	35
Caterpillar	938M HL	3.2	12	45	12	35
Caterpillar	950B	3.75	12	50	12	35
Caterpillar	950F	4	12	50	12	35
Case	521G Z-Bar	2.1	12	35	12	35
Case	521G Z-Bar	2	12	35	12	35
Case	521G Z-Bar	2.3	12	35	12	35
Case	521G XR	2.1	12	35	12	35
Case	521G XR	2	12	35	12	35
Case	521G XR	2.3	12	35	12	35
Case	521G XT	2.1	12	35	12	35

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	521G XT	2	12	35	12	35
Case	621B	2.25	12	35	12	35
Case	621B	3	12	35	12	35
Case	621B XT	2.25	12	40	12	35
Case	621D	2.5	12	35	12	35
Case	621E	3	12	40	12	35
Case	621E XT	3	12	40	12	35
Case	621E XR	3	12	40	12	35
Case	621G Z-Bar	2.5	12	35	12	35
Case	621G Z-Bar	2.4	12	35	12	35
Case	621G Z-Bar	2.75	12	40	12	35
Case	621G XR	2.5	12	40	12	35
Case	621G XR	2.4	12	35	12	35
Case	621G XR	2.75	12	40	12	35
Case	621G XT	2.5	12	40	12	35
Case	621G XT	2.4	12	40	12	35
Case	621G XT	3	12	40	12	35
Case	621G XT	2.8	12	40	12	35
Case	621G XT	2.8	12	40	12	35
Case	721	2.75	12	35	12	35
Case	721B	2.75	12	35	12	35
Case	721B XT	2.75	12	40	12	35
Case	721C	2.75	12	40	12	35
Case	721E	3.5	12	40	12	35
Case	721E XT	3	12	40	12	35
Case	721E XR	3	12	40	12	35
Case	721F	3	12	40	12	35
Case	721F XT	3	12	40	12	35
Case	721F XR	3	12	40	12	35
Case	721G Z-Bar	3	12	40	12	35
Case	721G Z-Bar	2.8	12	40	12	35
Case	721G Z-Bar	3.25	12	40	12	35
Case	721G XR	3	12	40	12	35
Case	721G XR	2.8	12	40	12	35
Case	721G XR	3.25	12	45	12	35
Case	721G XT	3	12	45	12	35
Case	721G XT	2.8	12	40	12	35
Case	W30	3.5	12	40	12	35
Deere	444K Z-bar	2.5	12	35	12	35
Deere	444K HL	2.5	12	35	12	35
Deere	444K Powerllel	2.5	12	40	12	35
Deere	524K Z-bar	2.75	12	35	12	35
Deere	524K HL	2.75	12	40	12	35
Deere	524L	2.75	12	40	12	35

CONTINUES ON NEXT PAGE

TITAN HK 458 20.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Deere	524L HL	2.75	12	40	12	35
Deere	544H	3	12	40	12	35
Deere	544H-HL	3	12	40	12	35
Deere	544J	3	12	40	12	35
Deere	544J-HL	3	12	40	12	35
Deere	544K	3	12	40	12	35
Deere	544K-HL	3	12	40	12	35
Deere	544L	3	12	40	12	35
Deere	544L HL	2.75	12	40	12	35
Deere	624E	2.6	12	40	12	35
Deere	624G	3.25	12	40	12	35
Deere	624H	3.5	12	40	12	35
Deere	624H-HL	3	12	40	12	35
Deere	624K	3.5	12	45	12	35
Deere	624K-HL	3.5	12	45	12	35
Deere	624L	3.5	12	45	12	35
Deere	624L HL	3.5	12	45	12	35
Deere	644B	2.5	12	35	12	35
Deere	644C	3	12	40	12	35
Hitachi	ZW140-5	3	12	35	12	35
Hitachi	ZW140-5 HL	2.1	12	35	12	35
Hitachi	ZW140-6	2.7	12	35	12	35
Hitachi	ZW140-6 HL	2.7	12	40	12	35
Hitachi	ZW150	3	12	35	12	35
Hitachi	ZW150 HL	2.6	12	40	12	35
Hitachi	ZW150-5	3.3	12	40	12	35
Hitachi	ZW150-5 HL	2.6	12	35	12	35
Hitachi	ZW150-6	3.1	12	40	12	35
Hitachi	ZW150-6 HL	3.1	12	40	12	35
Hitachi	ZW150PL-6	2.7	12	35	12	35
Hitachi	ZW180	3.6	12	45	12	35
Hitachi	ZW180 HL	3.1	12	45	12	35
Hitachi	ZW180-5	3.7	12	45	12	35
Hitachi	ZW180-5 HL	3.1	12	45	12	35
Hitachi	ZW180-6	3.7	12	45	12	35
Hitachi	ZW180-6 HL	3.7	12	45	12	35
Hyundai	HL25	3.5	12	50	12	35
Hyundai	HL740-7A	2.7	12	35	12	35
Hyundai	HL740XTD-7A	2.7	12	35	12	35
Hyundai	HL740TM-7A	2.6	12	35	12	35
Hyundai	HL740-9A	3	12	40	12	35
Hyundai	HL740XTD-9A	3	12	40	12	35
Hyundai	HL740TM-9A	3	12	40	12	35
Hyundai	HL750	3	12	40	12	35
Hyundai	HL757-7A	2.7	12	40	12	35
Hyundai	HL757XTD-7A	2.7	12	40	12	35
Hyundai	HL757TM-7A	2.5	12	40	12	35
Hyundai	HL757-9A	3.7	12	45	12	35
Hyundai	HL757XTD-9A	3.7	12	45	12	35
Hyundai	HL757TM-9A	3.5	12	45	12	35
Hyundai	HL760-9A	4.3	12	50	12	35
Hyundai	HL760XTD-9A	4.3	12	55	12	35
Hyundai	HL940	3	12	40	12	35
Hyundai	HL940 XT	3	12	40	12	35
Hyundai	HL955	3.1	12	45	12	35
Hyundai	HL955 XTD	3.1	12	45	12	35
Hyundai	HL960	3.8	12	50	12	35
Hyundai	HL960 XT	3.8	12	50	12	35
Komatsu	WA200-5	2.6	12	35	12	35
Komatsu	WA200-6	2.6	12	35	12	35
Komatsu	WA200PZ-6	2.5	12	35	12	35
Komatsu	WA200-7	2.6	12	35	12	35
Komatsu	WA200-8	2.6	12	35	12	35
Komatsu	WA250-1	3	12	35	12	35
Komatsu	WA250-3	3.5	12	35	12	35
Komatsu	WA250-3 PTC	3	12	35	12	35
Komatsu	WA250-5	3	12	35	12	35
Komatsu	WA250-6	3	12	35	12	35
Komatsu	WA250PZ-6	3	12	40	12	35
Komatsu	WA270-7	3	12	40	12	35
Komatsu	WA270-8	3	12	40	12	35
Komatsu	WA320-1	3.25	12	40	12	35
Komatsu	WA320-3	4.2	12	45	12	35
Komatsu	WA320-6	3.7	12	45	12	35
Komatsu	WA320PZ-6	3.5	12	45	12	35
Komatsu	WA320-7	3.7	12	45	12	35
Komatsu	WA320-8	3.7	12	45	12	35
Komatsu Dresser	520CH	2.5	12	35	12	35
Komatsu Dresser	525	2.7	12	35	12	35
Komatsu Dresser	530	3	12	40	12	35
Komatsu Dresser	530C	3	12	40	12	35
Komatsu Dresser	532	3.2	12	40	12	35

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

23.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

*This excludes HK 458, see pages 89-90 for HK 458 pressures

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	924K	2.5	12	45	12	35
Caterpillar	926M	2.5	12	45	12	35
Caterpillar	930K	2.75	12	45	12	35
Caterpillar	930M	2.75	12	45	12	35
Caterpillar	938K	3.25	16	50	12	35
Caterpillar	938M	3.25	16	55	12	35
Caterpillar	950F TC	4	16	60	12	35
Caterpillar	950E	4	16	60	12	35
Caterpillar	950F-II	4	20	60	12	35
Caterpillar	950G	3.9	16	60	12	35
Caterpillar	950GC	4	20	60	12	35
Caterpillar	950G -II	2.7	12	50	12	35
Caterpillar	950H	4	20	60	12	35
Caterpillar	950K	3.5	16	55	12	35
Caterpillar	950L	7.5	16	60	12	35
Caterpillar	950M	4.5	20	65	16	40
Caterpillar	960F	4.5	20	65	16	40
Caterpillar	962G	4.25	20	65	16	35
Caterpillar	962H	4.5	20	65	16	40
Caterpillar	962K	3.5	16	60	12	35
Caterpillar	962L	3.9	20	60	12	35
Caterpillar	962M	4.7	24	70	16	40
Caterpillar	966C	4	20	60	12	35
Caterpillar	966D	4.25	20	65	16	40
Caterpillar	966F	5	24	70	16	45
Caterpillar	IT62H	4.25	20	65	16	35
Case	821	3.5	12	50	12	35
Case	821B	3.5	16	50	12	35
Case	821C	3.5	16	55	12	35
Case	821E	4.5	20	60	12	35
Case	821E XR	4.5	20	65	16	35
Case	821F	3.5	16	55	12	35
Case	821F XR	3.5	16	55	12	35
Case	821G XR	3.2	20	60	12	35
Case	821G XR	3.5	16	55	12	35
Case	821G XR	4.25	20	65	16	35
Case	821G Z-Bar	3.2	16	50	12	35
Case	821G Z-Bar	3.5	16	55	12	35
Case	821G Z-Bar	4.25	20	60	12	35
Case	921F	4.75	20	65	16	35
Case	921F XR	4.75	24	70	16	40
Case	921G XR	3.8	20	60	16	35
Case	921G XR	4	20	65	16	40
Case	921G XR	4.6	24	70	16	40
Case	921G Z-Bar	3.8	20	65	16	40
Case	921G Z-Bar	4	20	60	16	35
Case	921G Z-Bar	4.6	20	65	16	35
Case	W36	4	16	55	12	35
Daewoo	Mega 300	3.8	16	55	12	35
Daewoo	Mega 300-III	2.9	12	50	12	35
Deere	644D	3.2	12	50	12	35
Deere	644E	3.2	12	50	12	35
Deere	644G	4	16	55	12	35
Deere	644H	4.25	16	55	12	35
Deere	644H-HL	4.25	20	60	12	35
Deere	644H-MH	4.5	20	60	12	35
Deere	644H-WH	6	24	75	16	45
Deere	644K	4.25	20	60	12	35
Deere	644K-HL	4.25	20	65	16	35
Deere	644K-WH	5	24	70	16	45
Deere	724J	4.75	20	65	16	35
Deere	724J-HL	4.25	20	60	16	35
Deere	724K	4.75	20	65	16	35
Deere	724K-HL	4.25	20	65	16	35
Doosan	DL300	4.2	16	60	12	35
Doosan	DL300-5	4.2	20	60	12	35
Doosan	DL300-5 HL	4.2	20	65	16	40
Doosan	DL350-5	4.8	20	65	16	40
Doosan	DL350-5 HL	4.8	24	70	16	45
Fiatallis	FR160	3.6	16	50	12	35
Fiatallis	FR160-2	4	16	55	12	35
Fiatallis	FR180	4	16	55	12	35
Fiatallis	FR180-2	4	16	55	12	35
Fiatallis	FR20	4.5	20	65	16	35
Fiatallis	FR20B	4.6	20	65	16	40
Fiat Hitachi	W190	3.3	12	50	12	35
Fiat Hitachi	W230	4.6	20	65	16	35
Fiat Hitachi	FR160-2	4	16	55	12	35
Hitachi	ZW180-6	3.7	16	50	12	35
Hitachi	ZW180-6 HL	3.7	16	55	12	35
Hitachi	ZW220	4.2	16	60	12	35
Hitachi	ZW220 HL	3.5	16	55	12	35
Hitachi	ZW220-5	4.5	20	60	12	35
Hitachi	ZW220-5 HL	3.5	16	55	12	35
Hitachi	ZW220-6	4.2	16	60	12	35
Hitachi	ZW220-6 HL	4.2	20	60	12	35
Hitachi	ZW250	4.5	20	65	16	35
Hitachi	ZW250 HL	4	20	65	16	35

CONTINUES ON NEXT PAGE

23.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

*This excludes HK 458, see pages 89-90 for HK 458 pressures

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Hitachi	ZW250-5	5.2	24	70	16	40
Hitachi	ZW250-5 HL	4	20	65	16	35
Hitachi	ZW250-6	4.8	24	65	16	40
Hitachi	ZW250-6 HL	4.8	24	70	16	45
Hyundai	HL35	4.8	24	70	16	40
Hyundai	HL760	4	20	60	12	35
Hyundai	HL760-7A	4	16	60	12	35
Hyundai	HL760-XTD-7A	4	20	60	12	35
Hyundai	HL760-9	4.3	20	60	12	35
Hyundai	HL760XTD-9	4.3	20	65	16	35
Hyundai	HL760-9A	4.3	20	60	12	35
Hyundai	HL760XTD-9A	4.3	20	65	16	35
Hyundai	HL770-7	5.2	24	75	20	45
Hyundai	HL770-XTD-7	5.2	CT	CT	20	45
Hyundai	HL770-7A	4	20	65	16	35
Hyundai	HL770-XTD-7A	4	24	70	16	40
Hyundai	HL770-9	5.5	24	75	20	45
Hyundai	HL770XTD-9	5.5	CT	CT	20	50
Hyundai	HL770-9A	5.5	24	80	20	45
Hyundai	HL770XTD-9A	5.5	CT	CT	20	50
Hyundai	HL960	3.8	16	60	12	35
Hyundai	HL960 XT	3.8	16	60	12	35
Hyundai	HL970	4.7	24	70	16	40
Hyundai	HL970 XTD	4.7	24	75	20	45
JCB	456ZX	4.3	20	60	16	35
JCB	457HT	4.1	20	60	12	35
JCB	457HT SHL	4.1	24	70	16	45
JCB	457ZX	4.1	20	60	12	35
JCB	457ZX HL	4.1	20	65	16	40
Kawasaki	70ZV-2	3.5	16	50	12	35
Kawasaki	70ZV-2 HL	3.5	16	55	12	35
Kawasaki	70TMV-2	3.4	16	55	12	35
Kawasaki	70Z7	3.7	16	50	12	35
Kawasaki	70Z7 HL	3.7	16	55	12	35
Kawasaki	80Z	3.75	16	55	12	35
Kawasaki	80ZII	3.75	16	55	12	35
Kawasaki	80ZIII	3.75	16	55	12	35
Kawasaki	80ZIV	3.75	16	55	12	35
Kawasaki	80ZIV-2	4	16	55	12	35
Kawasaki	80ZV-2	4.2	20	60	12	35
Kawasaki	80Z7	4.2	16	60	12	35
Kawasaki	80Z7 HL	4.2	20	60	12	35
Kawasaki	85Z7	4.8	20	65	16	40
Kawasaki	85Z7 HL	4.8	24	70	16	45
Kawasaki	90Z7	5.5	CT	CT	20	50
Kawasaki	90Z7 HL	5.5	CT	CT	20	50
Kawasaki	90Z7B	5.5	CT	CT	20	45
Kawasaki	90Z7B HL	5.5	CT	CT	20	50
Komatsu	WA380-3	5.25	20	65	16	40
Komatsu	WA380-6	4.3	16	60	12	35
Komatsu	WA380-7	4.3	20	60	12	35
Komatsu	WA380-7 HL	3.8	16	55	12	35
Komatsu	WA380-8	4.3	20	60	12	35
Komatsu	WA380-8 HL	3.8	20	60	12	35
Komatsu	WA430-6	4.6	20	65	16	35
Komatsu Dresser	538	4	20	60	12	35
Komatsu Dresser	540	4.5	20	60	12	35
Liebherr	L550	4.2	16	60	12	35
Liebherr	L550 HL	3.4	16	55	12	35
Liebherr	L550XP	4.2	20	60	12	35
Liebherr	L550XP HL	3.4	16	60	12	35
Liebherr	L556	4.7	20	60	12	35
Liebherr	L556 HL	3.7	20	60	12	35
Liebherr	L556XP	4.7	20	65	16	40
Liebherr	L556XP HL	3.7	20	60	12	35
New Holland	W190B	3.44	16	50	12	35
New Holland	W190B LR	3.44	16	55	12	35
Terex	66C	4	20	60	16	35
Terex	70C	4.4	20	60	16	35
Terex	TL310	4	16	60	12	35
Volvo	L110F	4.4	20	65	16	35
Volvo	L110G	4.5	20	65	16	35
Volvo	L110H	4	16	60	12	35
Volvo	L120B	3.9	16	55	12	35
Volvo	L120C	4.7	20	65	16	35
Volvo	L120D	4.7	20	65	16	40
Volvo	L120F	4.7	24	65	16	40
Volvo	L120G	4.5	20	65	16	35
Volvo	L120H	4.25	20	60	12	35
Volvo	L150	4.5	24	70	16	40
Volvo	L150C	5.2	24	70	16	45
Volvo	L150D	5.2	24	75	20	45

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

TITAN HK 458 23.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	924K	2.5	12	35	12	35
Caterpillar	926M	2.5	12	35	12	35
Caterpillar	930K	2.75	12	35	12	35
Caterpillar	930M	2.75	12	35	12	35
Caterpillar	938K	3.25	12	40	12	35
Caterpillar	938M	3.25	12	40	12	35
Caterpillar	950F TC	4	12	40	12	35
Caterpillar	950E	4	12	40	12	35
Caterpillar	950F-II	4	12	40	12	35
Caterpillar	950G	3.9	12	45	12	35
Caterpillar	950GC	4	12	45	12	35
Caterpillar	950G -II	2.7	12	35	12	35
Caterpillar	950H	4	12	40	12	35
Caterpillar	950K	3.5	12	40	12	35
Caterpillar	950M	4.5	12	45	12	35
Caterpillar	960F	4.5	12	45	12	35
Caterpillar	962G	4.25	12	45	12	35
Caterpillar	962H	4.5	12	45	12	35
Caterpillar	962K	3.5	12	45	12	35
Caterpillar	962M	4.7	12	45	12	35
Caterpillar	966C	4	12	45	12	35
Caterpillar	966D	4.25	12	45	12	35
Caterpillar	IT62H	4.25	12	45	12	35
Case	821	3.5	12	35	12	35
Case	821B	3.5	12	40	12	35
Case	821C	3.5	12	40	12	35
Case	821E	4.5	12	40	12	35
Case	821E XR	4.5	12	45	12	35
Case	821F	3.5	12	40	12	35
Case	821F XR	3.5	12	40	12	35
Case	821G XR	3.2	12	45	12	35
Case	821G XR	3.5	12	40	12	35
Case	821G XR	4.25	12	45	12	35
Case	821G Z-Bar	3.2	12	40	12	35
Case	821G Z-Bar	3.5	12	40	12	35
Case	821G Z-Bar	4.25	12	40	12	35
Case	921F	4.75	12	45	12	35
Case	921F XR	4.75	12	45	12	35
Case	921G XR	3.8	12	45	12	35
Case	921G XR	4	12	45	12	35
Case	921G XR	4.6	12	45	12	35
Case	921G Z-Bar	3.8	12	45	12	35
Case	921G Z-Bar	4	12	45	12	35
Case	921G Z-Bar	4.6	12	45	12	35

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	W36	4	12	40	12	35
Deere	644D	3.2	12	35	12	35
Deere	644E	3.2	12	35	12	35
Deere	644G	4	12	40	12	35
Deere	644H	4.25	12	40	12	35
Deere	644H-HL	4.25	12	40	12	35
Deere	644H-MH	4.5	12	40	12	35
Deere	644H-WH	6	12	45	12	35
Deere	644K	4.25	12	40	12	35
Deere	644K-HL	4.25	12	45	12	35
Deere	644K-WH	5	12	50	12	35
Deere	724J	4.75	12	45	12	35
Deere	724J-HL	4.25	12	45	12	35
Deere	724K	4.75	12	45	12	35
Deere	724K-HL	4.25	12	45	12	35
Hitachi	ZW180-6	3.7	12	40	12	35
Hitachi	ZW180-6 HL	3.7	12	40	12	35
Hitachi	ZW220	4.2	12	40	12	35
Hitachi	ZW220 HL	3.5	12	40	12	35
Hitachi	ZW220-5	4.5	12	45	12	35
Hitachi	ZW220-5 HL	3.5	12	40	12	35
Hitachi	ZW220-6	4.2	12	40	12	35
Hitachi	ZW220-6 HL	4.2	12	45	12	35
Hitachi	ZW250	4.5	12	45	12	35
Hitachi	ZW250 HL	4	12	45	12	35
Hitachi	ZW250-5	5.2	12	45	12	35
Hitachi	ZW250-5 HL	4	12	45	12	35
Hitachi	ZW250-6	4.8	12	45	12	35
Hitachi	ZW250-6 HL	4.8	12	50	12	35
Hyundai	HL35	4.8	12	50	12	35
Hyundai	HL760	4	12	45	12	35
Hyundai	HL760-7A	4	12	40	12	35
Hyundai	HL760-XTD-7A	4	12	45	12	35
Hyundai	HL760-9	4.3	12	40	12	35
Hyundai	HL760XTD-9	4.3	12	45	12	35
Hyundai	HL760-9A	4.3	12	45	12	35
Hyundai	HL760XTD-9A	4.3	12	45	12	35
Hyundai	HL770-7	5.2	12	50	12	35
Hyundai	HL770-XTD-7	5.2	16	50	12	35
Hyundai	HL770-7A	4	12	45	12	35
Hyundai	HL770-XTD-7A	4	12	50	12	35
Hyundai	HL770-9	5.5	16	50	12	35
Hyundai	HL770XTD-9	5.5	16	55	12	35
Hyundai	HL770-9A	5.5	16	50	12	35

CONTINUES ON NEXT PAGE

TITAN HK 458 23.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Hyundai	HL770XTD-9A	5.5	16	55	12	35
Hyundai	HL960	3.8	12	40	12	35
Hyundai	HL960 XT	3.8	12	40	12	35
Hyundai	HL970	4.7	12	50	12	35
Hyundai	HL970 XTD	4.7	16	50	12	35
Komatsu	WA380-3	5.25	12	45	12	35
Komatsu	WA380-6	4.3	12	40	12	35
Komatsu	WA380-7	4.3	12	40	12	35
Komatsu	WA380-7 HL	3.8	12	40	12	35
Komatsu	WA380-8	4.3	12	40	12	35
Komatsu	WA380-8 HL	3.8	12	45	12	35
Komatsu	WA430-6	4.6	12	45	12	35
Volvo	L150D	5.2	24	75	20	45

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

26.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	966E	5	20	60	20	35
Caterpillar	966F	5	20	60	20	35
Caterpillar	966F-II	5	20	60	20	35
Caterpillar	966G	4.75	20	65	20	35
Caterpillar	966H	5.5	20	65	20	40
Caterpillar	966H	5.75	20	65	20	40
Caterpillar	966K	5.5	20	70	20	40
Caterpillar	966L	5.5	20	65	20	40
Caterpillar	966M	5.5	20	65	20	40
Caterpillar	966M XE	5.5	20	65	20	40
Caterpillar	970F	5.25	20	65	20	40
Caterpillar	972G	5.4	20	65	20	40
Caterpillar	972H	6	26	70	20	40
Caterpillar	972K	5.5	20	70	20	40
Caterpillar	972L	5.5	20	70	20	40
Caterpillar	972M	6	20	65	20	40
Caterpillar	972M XE	6	26	70	20	40
Case	921	4.75	20	60	20	35
Case	921B	4.75	20	60	20	35
Case	921C	4.75	20	60	20	35
Case	921E	5.75	20	65	20	35
Case	921E XR	5.75	26	70	20	40
Case	921F	4.75	20	55	20	35
Case	921F XR	4.75	20	60	20	35
Case	1021G Z-Bar	4.75	20	65	20	35
Case	1021G Z-Bar	4.6	20	60	20	35
Case	1021G Z-Bar	5.5	20	70	20	40
Case	1021G XR	4.75	20	65	20	40
Case	1021G XR	4.6	20	65	20	40
Case	1021G XR	5.5	26	75	20	45
Case	1121F Z-bar	5.25	20	65	20	40
Case	1121F Z-bar	6.25	26	75	20	45
Case	1121F XR	5.25	26	70	20	40
Case	1121F XR	6.25	32	80	20	50
Case	1121G Z-Bar	5.25	26	70	20	40
Case	1121G Z-Bar	5.1	20	70	20	40
Case	1121G Z-Bar	6.25	26	75	20	45
Case	1121G XR	5.25	26	70	20	45
Case	1121G XR	5.1	26	70	20	40
Case	1121G XR	6.25	32	80	20	50
Daewoo	Mega 400	5.1	20	60	20	35
Daewoo	Mega 400-III	3.9	20	55	20	35
Deere	744E	5	20	60	20	35
Deere	744H	5.25	20	60	20	35
Deere	744H-HL	4.5	20	60	20	35
Deere	744H-MH	5.75	20	70	20	40
Deere	744J	5.25	20	65	20	40
Deere	744J HL	5.25	26	70	20	40
Deere	744K	5.25	20	65	20	35
Deere	744K-HL	5.25	20	70	20	40
Deere	744K-II	5.25	20	65	20	40
Deere	744K-II HL	5.25	26	70	20	40
Deere	744L	5.25	20	65	20	40
Deere	744L HL	5.25	26	70	20	40
Deere	824J	6	26	75	20	45
Deere	824J HL	5.25	26	70	20	45
Deere	824K	6	26	70	20	45
Deere	824K-HL	6	26	75	20	45
Deere	824K-II	6	26	75	20	45
Deere	824K-II HL	6	26	75	20	45
Deere	824L	6	26	75	20	45
Deere	824L HL	6	32	80	20	50
Deere	844	6	26	70	20	40
Doosan	DL400	5.1	20	60	20	35
Doosan	DL420-5	5.5	20	65	20	35
Doosan	DL420-5 HL	5.5	26	70	20	40
Doosan	DL450	6.3	26	75	20	45
Doosan	DL450-3	5.88	26	70	20	40
Doosan	DL450-5	6.3	26	75	20	45
Doosan	DL450-5 HL	6.3	26	75	20	45
Fiatallis	FR220	5.1	20	60	20	35
Fiatallis	FR220-2	5	20	60	20	35
Fiat Hitachi	W270	5.2	20	60	20	35
Fiat Hitachi	FR220-2	5	20	60	20	35
Furukawa	FL330-I	4.3	20	55	20	35
Hitachi	ZW250-6	4.8	20	60	20	35
Hitachi	ZW250-6 HL	4.8	20	60	20	35
Hitachi	ZW310	5.25	20	60	20	35
Hitachi	ZW310 HL	4.75	20	60	20	35
Hitachi	ZW310-5	5.9	26	70	20	40
Hitachi	ZW310-5 HL	5.25	20	70	20	40
Hitachi	ZW310-6	5.5	20	65	20	40
Hitachi	ZW310-6 HL	5.5	26	70	20	40
Hitachi	ZW330-5	6.5	26	75	20	45
Hitachi	ZW330-5 HL	6	26	75	20	45
Hyundai	HL770	5	20	65	20	35
Hyundai	HL770-7	5.2	20	65	20	35
Hyundai	HL770XTD-7	5.2	20	65	20	40
Hyundai	HL770-7A	5.2	20	65	20	35
Hyundai	HL770XTD-7A	5.2	20	65	20	40

CONTINUES ON NEXT PAGE

26.5-25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Hyundai	HL770-9	5.5	20	65	20	40
Hyundai	HL770XTD-9	5.5	20	70	20	40
Hyundai	HL770-9A	5.5	20	65	20	40
Hyundai	HL770XTD-9A	5.5	26	70	20	40
Hyundai	HL780-7A	6.7	32	80	20	50
Hyundai	HL780XTD-7A	6.7	32	85	20	50
Hyundai	HL780-9	7.1	32	85	20	50
Hyundai	HL780XTD-9	7.1	32	85	26	55
Hyundai	HL780-9A	7.1	32	85	20	50
Hyundai	HL780XTD-9A	7.1	32	90	26	55
Hyundai	HL970	4.7	20	60	20	35
Hyundai	HL970 XTD	4.7	20	65	20	35
Hyundai	HL980	6.3	32	80	20	50
Hyundai	HL980 XTD	6.3	32	80	20	50
Kawasaki	85Z	4.2	20	55	20	35
Kawasaki	85ZII	4.2	20	55	20	35
Kawasaki	85ZIII	4.3	20	55	20	35
Kawasaki	85ZIV	4.3	20	55	20	35
Kawasaki	85ZIV-2	4.75	20	60	20	35
Kawasaki	85ZV-2	4.8	20	60	20	35
Kawasaki	85Z7	4.8	20	60	20	35
Kawasaki	85Z7 HL	4.8	20	60	20	35
Kawasaki	90ZIII	5	20	60	20	35
Kawasaki	90ZIV	5	20	60	20	35
Kawasaki	90ZIV-2	5.5	20	65	20	40
Kawasaki	90ZV	5.2	20	65	20	35
Kawasaki	90ZV	4.25	20	55	20	35
Kawasaki	90ZV-2	5.2	20	65	20	35
Kawasaki	90Z7	5.5	20	65	20	40
Kawasaki	90Z7 HL	5.5	26	70	20	40
Kawasaki	90Z7B	5.5	20	65	20	40
Kawasaki	90Z7B HL	5.5	26	70	20	40
Kawasaki	92ZV-2	6	26	70	20	45
Kawasaki	92Z7	6.3	26	75	20	45
Kawasaki	92Z7 HL	6.3	32	80	20	50
Kawasaki	95ZV-2	7	32	90	26	55
Komatsu	WA420-1	4.75	20	55	20	35
Komatsu	WA420-3	6	20	65	20	35
Komatsu	WA430-6	4.6	20	55	20	35
Komatsu	WA450-2	5.5	20	65	20	35
Komatsu	WA450-3	6.8	26	70	20	45
Komatsu	WA470-6	5.5	20	65	20	35
Komatsu	WA470-7	5.5	20	65	20	35
Komatsu	WA470-8	5	20	65	20	40
Komatsu	WA470-8 HL	5	20	65	20	40
Komatsu	WA480-6	5.4	20	65	20	40
Komatsu	WA480-8	6	26	70	20	45
Komatsu Dresser	542	4.75	20	60	20	35
Komatsu Dresser	545	5.5	26	70	20	40
Komatsu Dresser	550	5.25	20	65	20	35
Liebherr	L566	5.2	20	65	20	35
Liebherr	L566 HL	4.6	20	60	20	35
Liebherr	L566 XP	5.5	20	70	20	40
Liebherr	L576	6.15	26	70	20	45
Liebherr	L576 HL	5.5	26	70	20	40
Liebherr	L580	6.5	26	70	20	45
Liebherr	L580 HL	5.9	26	70	20	40
Liebherr	L580 XP	6.8	32	80	20	50
Terex	80C	5.5	26	70	20	40
Volvo	L150C	5.2	20	60	20	35
Volvo	L150D	5.2	20	65	20	40
Volvo	L150F	5.8	26	70	20	40
Volvo	L150G	6.8	26	75	20	45
Volvo	L150H	5.25	20	65	20	35
Volvo	L180	5.5	20	65	20	40
Volvo	L180C	6	26	70	20	40
Volvo	L180D	6.3	26	75	20	45
Volvo	L180F	6.3	26	75	20	45
Volvo	L180G	7.6	32	85	20	50
Volvo	L180H	5.75	26	75	20	45
Volvo	L190	5.2	20	70	20	40
Volvo	L190B	5.2	20	70	20	40

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

29.5-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	980C	6.75	28	75	28	45
Caterpillar	980F	7	28	75	28	45
Caterpillar	980F-II	7	28	75	28	45
Caterpillar	980G	7	28	75	28	45
Caterpillar	980H	7.5	28	75	28	45
Caterpillar	980K	7.5	28	75	28	45
Caterpillar	980M	7.5	28	75	28	45
Case	1221E	9.2	28	50	28	35
Case	1221E XR	9.2	28	50	28	35
Deere	744J	5.25	28	55	28	35
Deere	744J HL	5.25	28	60	28	35
Deere	824J	6	28	65	28	35
Deere	824J HL	5.25	28	60	28	35
Deere	824K	6	28	65	28	35
Deere	824K HL	6	28	65	28	40
Deere	824K-II	6	28	65	28	35
Deere	824K-II HL	6	28	65	28	40
Deere	844J	7.25	28	75	28	45
Deere	844K	7.25	28	75	28	45
Deere	844K-II	7.25	28	80	28	50
Deere	844K-III	7.25	28	80	28	50
Deere	844L	7.25	28	80	28	50
Doosan	DL500	6.8	28	70	28	40
Doosan	DL550-5	7.5	28	80	28	45
Doosan	DL550-5 HL	7.5	34	85	28	50
Furukawa	FL460	6	28	70	28	40
Hitachi	ZW370-5	8.1	34	85	28	55
Hitachi	ZW370-5 HL	7.3	34	85	28	50
Hitachi	ZW370-6	7.3	28	80	28	50
Hitachi	ZW370-6 HL	7.3	34	85	28	50
Hyundai	HL780-7A	6.7	28	70	28	40
Hyundai	HL780XTD-7A	6.7	28	70	28	45
Hyundai	HL780-9	7.1	28	70	28	45
Hyundai	HL780XTD-9	7.1	28	75	28	45
Hyundai	HL780-9A	7.1	28	75	28	45
Hyundai	HL780XTD-9A	7.1	28	75	28	45
Hyundai	HL980	6.3	28	70	28	40
Hyundai	HL980 XTD	6.3	28	70	28	45
Kawasaki	95Z	6	28	65	28	40
Kawasaki	95ZII	6	28	65	28	40
Kawasaki	95ZIII	6.5	28	70	28	40
Kawasaki	95ZIV	6.5	28	70	28	40
Kawasaki	95ZIV-2	7.25	28	75	28	45
Kawasaki	95ZIV-3	7.25	28	75	28	45
Kawasaki	95ZV-2	7	28	75	28	45
Kawasaki	95Z7	7.3	34	80	28	50
Kawasaki	95Z7 HL	7.3	34	85	28	50
Komatsu	WA500-1	6	28	65	28	40
Komatsu	WA500-3	7.2	28	70	28	45
Komatsu	WA500-6	7.3	28	80	28	50
Komatsu	WA500-7	7.3	28	80	28	50
Komatsu	WA500-7 HL	5.9	28	70	28	40
Komatsu	WA500-7 SM	5.25	28	70	28	45
Komatsu	WA500-8	7.6	34	80	28	50
Komatsu	WA500-8 HL	5.9	28	75	28	45
Komatsu Dresser	555	6	28	70	28	40
Komatsu Dresser	558	6	28	65	28	40
Liebherr	L586	7.85	34	80	28	50
Liebherr	L586 HL	7.2	28	80	28	50
Liebherr	586XP	7.8	34	85	28	50
Volvo	L190	5.2	28	60	28	35
Volvo	L190B	5.2	28	60	28	35
Volvo	L220D	7	28	70	28	40
Volvo	L220E	7.1	28	75	28	45
Volvo	L220F	6.3	28	75	28	45
Volvo	L220F	7.8	28	80	28	50
Volvo	L220G	8.2	34	85	28	50
Volvo	L220H	6.8	28	75	28	45
Volvo	L260H	8.4	34	85	28	55
Volvo	L260H HL	7.2	28	80	28	50

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

725/70-25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	950K	3.5	16	50	16	35
Caterpillar	950K HL	3.5	16	50	16	35
Caterpillar	950M	4	16	55	16	35
Caterpillar	950M HL	4	CT	CT	16	35
Caterpillar	966C	4	16	50	16	35
Caterpillar	966D	4.25	CT	CT	16	35
Caterpillar	966G	4.75	CT	CT	16	35
Caterpillar	966H	5.5	CT	CT	16	40
Caterpillar	966H	5.75	CT	CT	CT	40
Caterpillar	966K	5.5	CT	CT	CT	40
Caterpillar	966L	5.5	CT	CT	16	40
Caterpillar	966M	5.5	CT	CT	16	40
Caterpillar	966M XE	5.5	CT	CT	16	40
Deere	644K	4.25	16	50	16	35
Deere	644K HL	4.25	16	55	16	35

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

35/65-33 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

PIT LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	986H	6.12	42	85	42	50
Caterpillar	986H HL	5.35	42	80	42	50
Caterpillar	986K	6.8	42	90	42	55
Caterpillar	986K HL	5.8	42	85	42	55
Caterpillar	988B	8.25	42	105	42	65
Caterpillar	988F	7.75	42	100	42	65
Caterpillar	988G	8	CT	CT	42	70
Caterpillar	988H	8.2	CT	CT	42	75
Caterpillar	988H	8.33	CT	CT	42	75
Caterpillar	988H	9.2	CT	CT	42	80
Caterpillar	988H HL	8.33	CT	CT	42	75
Caterpillar	988K	8.4	CT	CT	42	75
Caterpillar	988K HL	8.4	CT	CT	42	75
Caterpillar	988K Steel Mill	5.5	42	80	42	50
Caterpillar	988K Steel Mill	6.5	42	85	42	50

YARD LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	986H	6.12	42	75	42	45
Caterpillar	986H HL	5.35	42	70	42	45
Caterpillar	986K	6.8	42	80	42	50
Caterpillar	986K HL	5.8	42	75	42	45
Caterpillar	988B	8.25	42	90	42	55
Caterpillar	988F	7.75	42	90	42	55
Caterpillar	988G	8	42	95	42	60
Caterpillar	988H	8.2	42	100	42	65
Caterpillar	988H	8.33	42	100	42	65
Caterpillar	988H	9.2	42	105	42	65
Caterpillar	988H HL	8.33	42	100	42	60
Caterpillar	988K	8.4	42	100	42	65
Caterpillar	988K HL	8.4	42	100	42	65
Caterpillar	988K Steel Mill	5.5	42	105	42	65
Caterpillar	988K Steel Mill	6.5	42	105	42	65

CONTINUES ON NEXT PAGE

35/65-33 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

PIT LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	988K XE	9.2	CT	CT	42	80
Deere	944K	10	CT	CT	42	80
Deere	944K HL	10	CT	CT	42	85
Hitachi	ZW550-5	8.9	42	110	42	70
Hitachi	ZW550-5 HL	7.3	42	100	42	65
Hitachi	ZW550-6	8.2	42	105	42	65
Hitachi	ZW550-6 HL	9	42	115	42	75
Kawasaki	110Z	7.5	42	95	42	60
Kawasaki	110ZII	7.5	42	95	42	60
Kawasaki	115ZIII	7.5	42	95	42	60
Kawasaki	115ZIV	7.5	42	100	42	65
Kawasaki	115ZIV-2	8.25	42	105	42	70
Kawasaki	115ZV	7.5	42	100	42	65
Kawasaki	115ZV-2	7.8	42	105	42	65
Kawasaki	115ZV-2 HL	6.5	42	95	42	60
Kawasaki	115Z7	8.3	42	105	42	65
Kawasaki	115Z7 HL	9	CT	CT	42	75
Kawasaki	115Z7 Xtreme	9.15	42	110	42	70
Komatsu	WA600-1	7.1	42	90	42	55
Komatsu	WA600-3	8	42	95	42	60
Komatsu	WA600-6	8.4	CT	CT	42	75
Komatsu	WA600-6	9.2	CT	CT	42	80
Komatsu	WA600-8	8.4	42	115	42	75
Komatsu Dresser	568	7.5	42	95	42	60
O&K	7500	7	42	90	42	55
Sandvik	LH621-10	10.5	CT	CT	42	75
Terex	90C	8.5	42	105	42	65
Volvo	L320	8	42	100	42	65
Volvo	L330C	8.6	42	110	42	70
Volvo	L330D	8.6	42	110	42	70
Volvo	L330E	8.6	CT	CT	42	70
Volvo	L350F	10.1	CT	CT	42	80
Volvo	L350H	9.5	42	115	42	75
Volvo	L350H HL	9.5	42	120	42	75

YARD LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	988K XE	9.2	42	105	42	70
Deere	944K	10	42	105	42	65
Deere	944K HL	10	42	110	42	70
Hitachi	ZW550-5	8.9	42	90	42	60
Hitachi	ZW550-5 HL	7.3	42	85	42	55
Hitachi	ZW550-6	8.2	42	90	42	55
Hitachi	ZW550-6 HL	9	42	95	42	60
Kawasaki	110Z	7.5	42	80	42	50
Kawasaki	110ZII	7.5	42	80	42	50
Kawasaki	115ZIII	7.5	42	80	42	50
Kawasaki	115ZIV	7.5	42	85	42	55
Kawasaki	115ZIV-2	8.25	42	90	42	60
Kawasaki	115ZV	7.5	42	85	42	55
Kawasaki	115ZV-2	7.8	42	90	42	55
Kawasaki	115ZV-2 HL	6.5	42	80	42	50
Kawasaki	115Z7	8.3	42	90	42	55
Kawasaki	115Z7 HL	9	42	95	42	60
Kawasaki	115Z7 Xtreme	9.15	42	90	42	60
Komatsu	WA600-1	7.1	42	75	42	45
Komatsu	WA600-3	8	42	80	42	50
Komatsu	WA600-6	8.4	42	95	42	60
Komatsu	WA600-6	9.2	42	85	42	55
Komatsu	WA600-8	8.4	42	100	42	65
Komatsu Dresser	568	7.5	42	80	42	50
O&K	7500	7	42	80	42	50
Sandvik	LH621-10	10.5	CT	CT	42	75
Terex	90C	8.5	42	90	42	55
Volvo	L320	8	42	90	42	55
Volvo	L330C	8.6	42	95	42	60
Volvo	L330D	8.6	42	95	42	60
Volvo	L330E	8.6	42	95	42	60
Volvo	L350F	10.1	42	105	42	65
Volvo	L350H	9.5	42	95	42	60
Volvo	L350H HL	9.5	42	100	42	65

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

40/65-39 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Komatsu	WA700-1	11.1	CT	CT	42	60
Komatsu	WA700-3	11.4	CT	CT	42	65
Komatsu	WA700-3	12.3	CT	CT	CT	65

45/65-45 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	992B	10	58	80	58	45
Caterpillar	992C	12.5	58	105	58	70
Caterpillar	992C HL	12.5	58	115	58	75
Caterpillar	992D	14	58	110	58	70
Caterpillar	992D HL	14	58	120	58	75
Caterpillar	992G	16	58	CT	58	85
Caterpillar	992G HL	16	CT	CT	58	90
Caterpillar	992K	14	58	115	58	75
Caterpillar	992K HL	14	58	110	58	70
Komatsu	WA800-2	13.7	58	105	58	70
Komatsu	WA800-3	14.4	58	115	58	75
Komatsu	WA900-3	17	58	CT	58	80
Komatsu	WA900-3 HL	15	CT	CT	58	85
Komatsu	WA900-8	17	CT	CT	58	90
Komatsu	WA900-8 HL	15	CT	CT	58	85
LeTourneau	L-950-2	18	CT	CT	58	90
LeTourneau	L-950-2 HL	16	CT	CT	58	85
LeTourneau	L1000	17	58	CT	58	80

41.25/70-39 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	990	11	42	90	42	55
Caterpillar	990H	11.25	CT	CT	42	65
Caterpillar	990K	11.25	CT	CT	42	65
Caterpillar	990K HL	11.25	CT	CT	42	70
Kawasaki	135ZV-2	12.8	CT	CT	42	65
Kawasaki	135ZV-2 HL	11.5	42	95	42	60
Komatsu	WA700-1	11.1	42	85	42	50
Komatsu	WA700-3	11.4	42	85	42	55
Komatsu	WA700-3	12.3	42	75	42	45
Volvo	L480B	12.5	CT	CT	42	65

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

BIAS RIGID DUMP TRUCK

18.00-25 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Euclid	R32 w/ liners	34	40	85	40	95
Euclid	R32 w/o liners	36	40	85	40	95
International	350B (Detroit)	50	40	95	CT	CT
International	350B (Cummins)	50	CT	CT	CT	CT
Terex	33-05B	30	32	80	32	80

18.00-33 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Astra	RD 40C	44.1	CT	CT	CT	CT
Caterpillar	769B	35	32	85	32	80
Caterpillar	769C	40	CT	CT	CT	CT
Caterpillar	769D	35	CT	CT	CT	CT
Caterpillar	770	40	CT	CT	CT	CT
Caterpillar	770F	49	CT	CT	CT	CT
Caterpillar	770G	50	CT	CT	CT	CT
Caterpillar	771C Quarry	44	CT	CT	CT	CT
Caterpillar	771D	45	CT	CT	CT	CT
Hitachi	EH650	40	32	80	CT	CT
Hitachi	EH700	42	CT	CT	CT	CT
Hitachi	EH750	42.5	CT	CT	CT	CT
Hitachi	EH750-3	46.2	CT	CT	CT	CT
Euclid	R35	35	CT	CT	CT	CT
Euclid	R36	40	32	80	CT	CT
Euclid	R40	41.5	CT	CT	CT	CT
Euclid	R40C	41.9	CT	CT	CT	CT
Komatsu	HD325-3	35	32	75	32	80
Komatsu	HD325-5	35	32	75	32	85
Komatsu	HD325-6 Quarry	44	CT	CT	CT	CT
Komatsu	HD325-6 4WD	35	CT	CT	CT	CT
Komatsu	HD325-6	44	CT	CT	CT	CT
Komatsu	HD325-7	40	CT	CT	CT	CT
Komatsu	HD325-8	40.3	CT	CT	CT	CT
Komatsu	HD405-7	45.2	CT	CT	CT	CT
Komatsu Haulpak	140M	40	CT	CT	CT	CT
Perlini	DP 405 WD	44.1	CT	CT	CT	CT
Terex	3340	40	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

21.00-35 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	773	50	42	95	42	90
Caterpillar	773B	58	CT	CT	CT	CT
Dart	2085	85	36	70	42	90
Euclid	R50	58.1	CT	CT	CT	CT
Komatsu	HD460-1	51	42	85	42	95
Terex	3345	45	42	85	36	80
Terex	3307	49	42	85	42	85
Terex	3308E	55	CT	CT	CT	CT
Terex	TR45	45	42	85	42	85

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

24.00-35 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	773	50	42	65	42	65
Caterpillar	773B	58	42	75	42	75
Caterpillar	773D	50	42	75	42	75
Caterpillar	773E	60	42	80	42	85
Caterpillar	773F	61	48	90	42	80
Caterpillar	773G	54	42	75	42	75
Caterpillar	773G-4T	69.3	48	90	42	85
Caterpillar	775B Quarry	65	42	85	42	85
Caterpillar	775D	65	42	85	48	95
Caterpillar	775E	70	42	85	CT	CT
Caterpillar	775F	70	48	95	48	95
Caterpillar	775G	70	CT	CT	CT	CT
Caterpillar	775G-4T	78.8	CT	CT	48	95
Dart	2085	85	42	50	42	65
Euclid	R50	58.1	42	75	42	75
Euclid	R60	63.1	42	75	42	80
Euclid	R60C	66	48	95	42	80
Euclid	R65	69.2	42	85	48	85
Euclid	R65C	71.1	48	90	48	95
Euclid	R75	75	CT	CT	48	95
Hitachi	EH 1000	66	42	85	48	85
Hitachi	EH 1100	72.3	48	90	48	95
Hitachi	EH 1100-3	71.5	48	90	CT	CT
Hitachi	EH1100-5	70	CT	CT	48	90
Komatsu	HD465-3	51	42	65	42	70
Komatsu	HD465-5	61	42	65	42	70

CONTINUES ON NEXT PAGE

24.00-35 RIGID DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Komatsu	HD465-5 Quarry	66	48	85	48	95
Komatsu	HD465-7	61	42	80	42	85
Komatsu	HD465-8	61	48	100	48	100
Komatsu	HD605-7	70	48	90	CT	CT
Komatsu	HD605-8	69.4	48	100	48	100
Komatsu-Haulpak	210M	60	42	80	42	80
Perlini	DP705 WD	71.6	48	90	48	95
Terex	3308E	55	42	75	42	75
Terex	3309	55	42	80	42	80
Terex	3310E	66	48	90	48	90
Terex	TR60	60	42	80	42	80
Terex	TR70	72	CT	CT	CT	CT

24.00-49 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Euclid	R85	85	48	90	CT	CT
Euclid	R85B	90	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

27.00-49 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	777	85	48	75	48	75
Caterpillar	777B	95	48	80	48	85
Caterpillar	777C	95	48	85	48	85
Caterpillar	777D	100	CT	CT	CT	CT
Caterpillar	777E	108	48	85	CT	CT
Caterpillar	777F	100	CT	CT	CT	CT
Caterpillar	777G	100	CT	CT	CT	CT
Dart	3100B	100	CT	CT	CT	CT
Euclid	R85B	85	48	85	48	85
Euclid	R90	95.7	48	85	CT	CT
Euclid	R90C	100	CT	CT	CT	CT
Euclid	R100	100	CT	CT	CT	CT
Hitachi	EH1600	98.9	CT	CT	CT	CT
Hitachi	EH1700	108.4	CT	CT	CT	CT

CONTINUES ON NEXT PAGE

27.00-49 RIGID DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Hitachi	EH1700-3	100	CT	CT	CT	CT
Komatsu	HD785-1	86	48	70	48	75
Komatsu	HD785-3	86	48	75	48	80
Komatsu	HD785-3	100	48	80	CT	CT
Komatsu	HD785-5	106	CT	CT	CT	CT
Komatsu	HD785-7	100	CT	CT	CT	CT
Komatsu	HD785-8	100	CT	CT	CT	CT
Komatsu Haulpak	325M	95	48	85	48	85
Komatsu Haulpak	330M	100	CT	CT	CT	CT
Kress	CH160	160	CT	CT	CT	CT
Kress	CH180	180	CT	CT	CT	CT
Liebherr	T236	110	CT	CT	CT	CT
Perlini	DP905	104.7	CT	CT	CT	CT
Rimpull	RD100	100	48	85	CT	CT
Rimpull	RD100C	100	48	85	CT	CT
Terex	3311C	85	48	75	48	70
Terex	3311D	77	48	85	48	75
Terex	3311E	94	CT	CT	48	80
Terex	TR100	100	CT	CT	CT	CT
Terex	TR100 (HR)	93.55	CT	CT	CT	CT
Terex	TR100D	100	CT	CT	CT	CT
Unit Rig	Dart 3100	100	CT	CT	CT	CT
Unit Rig	Dart 4160	160	48	60	CT	CT
Unit Rig	M85	85	48	70	48	70
Unit Rig	M100	100	CT	CT	CT	CT
Unit Rig	M120-15	120	CT	CT	CT	CT
Unit Rig	Mark 24	85	48	85	48	70

30.00-51 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Dart	3120B	120	CT	CT	CT	CT
Euclid	R100	100	52	70	52	70
Euclid	R120E	120	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

33.00-51 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Belaz	75131	143.3004704	CT	CT	CT	CT
Belaz	75137NA	143.3004704	CT	CT	CT	CT
Caterpillar	785	155	CT	CT	CT	CT
Caterpillar	785B	155	CT	CT	CT	CT
Caterpillar	785C	150	CT	CT	CT	CT
Caterpillar	785D	146	CT	CT	CT	CT
Caterpillar	785G	146	CT	CT	CT	CT
Euclid	R120E	120	58	70	58	75
Euclid	R130	152	CT	CT	CT	CT
Euclid	R130B	146	CT	CT	CT	CT
Euclid	R130M	130	58	70	58	80
Euclid	R150	150	CT	CT	CT	CT
Komatsu Haulpak	510E	150	CT	CT	CT	CT
Komatsu Haulpak	530M	165	CT	CT	CT	CT
Komatsu	HD1500-7	160	CT	CT	CT	CT
Terex	MT3300	150	CT	CT	CT	CT
Terex	MT3300AC	150	CT	CT	CT	CT
Terex	MT3314B	125	58	80	58	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

BIAS TOWED SCRAPER

20.5-25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	110TS2	11.3	2	CT	CT
Ashland	110XL2	11	2	CT	CT
Ashland	130TS2	13	2	CT	CT
Ashland	220TS4	22	4	CT	CT
Ashland	1410E	14	2	CT	CT
Ashland	2012CS	20	4	CT	CT
Ashland	2014CS	20	6	16	40
Deere	1510DC	15	4	16	40
Deere	1612DE	16	4	24	50
Deere	1810DC	18	4	24	50
Deere	1812DC	18	4	20	50
Deere	1814DC	18	6	16	30
Deere	2010DE	20	4	CT	CT
Deere	2014DE	20	6	16	40

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

23.5-25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	140TS2	14	2	CT	CT
Ashland	140TS2 LGP	14	2	CT	CT
Caterpillar	TS185	19	4	20	35
Deere	2112DC	21.5	6	12	30
Deere	2412DE	24	4	CT	CT
K-Tec	1228	28	4	CT	CT
K-Tec	1228 ADT	28	4	CT	CT
K-Tec	1233	33	4	CT	CT
K-Tec	1236	36	4	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

26.5-25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Caterpillar	TS185	19	4	20	30
Caterpillar	TS225	23.5	4	20	35
Deere	2112DC (1)	21.5	4	32	55
Deere	2112DC (2)	21.5	4	20	35
Deere	2412DE (1)	24	4	44	60
Deere	2412DE (2)	24	4	26	45
K-Tec	1233	33	4	32	50
K-Tec	1237 ADT	40.5	4	CT	CT
K-Tec	1243 ADT	43	4	26	45

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
(1) - Front scraper used in train
(2) - Rear scraper used in train, or single scraper

29.5-25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	155TS2	15.5	2	28	45
Ashland	215TS2	21.5	2	34	60
Caterpillar	TS180	19	2	34	50
Deere	2010DE	20	2	34	55
K-Tec	1243 ADT	43	4	28	35
K-Tec	1263 ADT	63	4	34	50

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

BIAS TRACTOR SCRAPER

18.00-25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	613C II	11	32	60	32	65

23.5-25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	613B	11	20	35	20	40
Caterpillar	613C	11	20	40	20	40
Caterpillar	613C II	11	20	40	20	40
Caterpillar	613G	11	CT	CT	20	40
Deere	762	11	20	40	20	40
Deere	762A	11	20	45	20	40
Deere	762B	11	20	45	20	40
Deere	762B II	11	20	45	20	40
Komatsu Dresser	412	11	20	40	20	40
Komatsu Dresser	412B	11	20	40	20	40

26.5-25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	611	15	32	55	32	50
Caterpillar	611C II	15	44	70	32	50
Caterpillar	615	16	32	60	32	50
Caterpillar	615C	16	32	60	32	50
Caterpillar	615C II	17	44	60	32	55
Deere	860	15	26	45	26	45
Deere	860A Std	15	32	50	26	45
Deere	860A HD	15	32	50	26	50
Deere	862	16	32	55	32	55
Deere	862B	16	32	55	32	55
Fiat Allis	161	15	26	45	26	45

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

29.5-25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	611	15	28	45	28	40
Caterpillar	611C II	15	28	45	28	40
Caterpillar	615	16	28	45	28	40
Caterpillar	615C	16	28	45	28	40
Caterpillar	615C II	17	28	50	28	45
Deere	862 w/ Kress bowl	18	28	45	28	45
Deere	862 w/ Kress bowl	20	28	50	34	50
Deere	862B	16	28	45	28	45
Fiat Allis	161	15	28	40	28	40
Terex	TS14B	20	34	55	34	50
Terex	TS14C	20	34	55	34	50
Terex	TS14G	20	34	60	34	55

29.5-29 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	621B	20	38	60	28	50
Caterpillar	621E	20	34	60	34	50
Caterpillar	621G	22	CT	CT	34	60
Caterpillar	623B	22	CT	CT	34	55
Caterpillar	623E	23	CT	CT	38	60
Caterpillar	623F	23	CT	CT	CT	CT
Caterpillar	627B	20	34	60	38	60
Caterpillar	627E	20	34	60	38	65
Caterpillar	627G	22	38	65	CT	CT
Fiatallis	261B	23	38	60	34	60
Fiatallis	262B	21	38	60	34	60
Fiatallis	263B	23	38	65	CT	CT
Komatsu Dresser	431B	21	34	55	28	50
Komatsu Dresser	433B	21	34	55	34	60
Komatsu Dresser	442B	22	38	60	34	55
Komatsu Dresser	444B	22	38	65	CT	CT
Terex	S23E	23	38	60	34	55

29.5-35 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	621B	20	34	55	34	45
Caterpillar	621E	20	34	55	34	45
Caterpillar	623B	23	CT	CT	34	50
Caterpillar	623E	23	CT	CT	34	55
Caterpillar	627B	20	34	55	34	55
Caterpillar	627E	20	34	55	34	60
Terex	S23E	23	34	55	34	50

33.25-29 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	621B	20	32	45	32	35
Caterpillar	621E	20	34	45	34	40
Caterpillar	621F	20	34	45	34	40
Caterpillar	621G	20	38	50	34	45
Caterpillar	621G	22	38	50	34	45
Caterpillar	621H	24	38	55	34	50
Caterpillar	621K	24	38	55	34	50
Caterpillar	621K P/P	24	38	55	34	50
Caterpillar	623F	23	38	55	38	55
Caterpillar	623G	23	38	55	38	55
Caterpillar	623H	23	38	60	38	50
Caterpillar	623K	23	CT	CT	38	50
Caterpillar	627B	20	34	45	34	45
Caterpillar	627E	20	34	45	34	50
Caterpillar	627F	20	34	50	38	50
Caterpillar	627G	22	38	55	38	50
Caterpillar	627H	24	CT	CT	CT	CT
Caterpillar	627K	24	CT	CT	38	55
Caterpillar	627K P/P	24	CT	CT	38	55

33.25-35 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	631D	31	56	70	38	60
Caterpillar	631E	31	56	75	44	60
Caterpillar	633D	34	56	75	56	75
Caterpillar	637D	31	56	70	56	70
Caterpillar	637E	31	56	75	56	75

33.5-33 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Terex	TS24	33	44	55	44	65
Terex	TS36	40	CT	CT	CT	CT
Terex	TS40	50	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

37.5-33 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Terex	TS24B	34	54	60	54	60
Terex	S24B	34	54	60	54	55
Terex	TS38B	41	54	70	54	65

37.25-35 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	631D	31	CT	CT	36	45
Caterpillar	631E	31	CT	CT	36	45
Caterpillar	631E II	31	CT	CT	36	45
Caterpillar	631G	34	CT	CT	CT	CT
Caterpillar	631K	34	CT	CT	CT	CT
Caterpillar	631K P/P	34	CT	CT	CT	CT
Caterpillar	633D	34	CT	CT	CT	CT
Caterpillar	633E	34	CT	CT	CT	CT
Caterpillar	633E II	34	CT	CT	CT	CT
Caterpillar	637D	31	CT	CT	CT	CT
Caterpillar	637E	31	CT	CT	CT	CT
Caterpillar	637E II	31	CT	CT	CT	CT
Caterpillar	637G	34	CT	CT	CT	CT
Caterpillar	637G P/P	34	CT	CT	CT	CT
Caterpillar	637K	34	CT	CT	CT	CT
Caterpillar	637K P/P	34	CT	CT	CT	CT
Caterpillar	657G	44	CT	CT	CT	CT
Caterpillar	657G P/P	44	CT	CT	CT	CT

37.5-39 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	651B	44	52	75	52	70
Caterpillar	651E	44	60	80	52	70
Caterpillar	657B	44	60	80	CT	CT
Caterpillar	657E	44	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

RADIAL ARTICULATED DUMP TRUCK

17.5R25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B17B	17	2*	CT	2*	CT	2*	CT

20.5R25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B18E	20	1*	50	2*	60	2*	60
Bell	B20B	20	1*	45	2*	55	2*	55
Bell	B20D 6x4	18	1*	40	2*	65	2*	60
Bell	B20D 6x6	18	1*	40	2*	65	2*	65
Bell	B20E	20	1*	55	2*	60	2*	60
Caterpillar	D250B	25	2*	70	2*	75	2*	75
Caterpillar	D250D	25	2*	60	2*	75	2*	75
Komatsu	HA250-1	25	2*	75	2*	75	2*	75
Moxy	MT30 LHS	30	CT	CT	CT	CT	CT	CT
Terex	2364	23	2*	70	2*	65	2*	60
Terex	2366	23	2*	70	2*	65	2*	65
Terex	2566B	25	CT	CT	2*	70	2*	70
Terex	2566C	25	CT	CT	2*	75	2*	70
Volvo	A20 6X4	20	CT	-	2*	60	2*	60
Volvo	A20 6x6	20	CT	-	2*	60	2*	60
Volvo	A20C 6X6	20	1*	50	2*	60	2*	60
Volvo	A25 6X4	25	1*	55	2*	75	2*	75
Volvo	A25	25	2*	55	2*	75	2*	75
Volvo	A25B	25	1*	55	2*	75	2*	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

23.5R25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B25B	25	1*	50	1*	50	1*	50
Bell	B25D	26	1*	50	2*	55	2*	55
Bell	B25E	27	1*	45	2*	65	2*	65
Bell	B30B	30	2*	60	2*	70	2*	70
Bell	B30D	30	1*	50	2*	65	2*	65
Bell	B30E	31	1*	50	2*	75	2*	75
Caterpillar	D20D	20	2*	60	1*	40	2*	75
Caterpillar	D250B	25	1*	50	1*	55	1*	55
Caterpillar	D250D	25	1*	45	1*	55	1*	55
Caterpillar	D250E	25	1*	55	2*	65	2*	65
Caterpillar	D300B	30	2*	60	2*	65	2*	65
Caterpillar	D300D	30	2*	55	2*	70	2*	70
Caterpillar	D300E	30	2*	60	2*	70	2*	70
Caterpillar	D350C	35	2*	75	CT	CT	2*	75
Caterpillar	725	25	1*	55	2*	60	2*	60
Caterpillar	725	26	2*	60	2*	70	2*	65
Caterpillar	725C	26	2*	70	2*	60	2*	60
Caterpillar	725C2	27	2*	70	2*	60	2*	60
Caterpillar	730	30	2*	60	2*	75	2*	75
Caterpillar	730	31	2*	65	CT	CT	CT	CT
Caterpillar	730 EJ	31	2*	60	CT	CT	CT	CT
Caterpillar	730C	31	2*	80	2*	70	2*	70
Caterpillar	730C EJ	31	2*	70	CT	CT	CT	CT
Caterpillar	730C2	31	2*	75	2*	70	2*	70
Caterpillar	730C2 EJ	31	2*	65	CT	CT	CT	CT
Deere	250C	25	1*	50	1*	45	1*	50
Deere	250D	25	1*	50	1*	55	1*	55
Deere	250D - II	25	1*	50	1*	55	1*	55
Deere	260E	26	2*	65	2*	70	2*	70
Deere	300C	30	2*	60	2*	65	2*	65
Deere	300D	30	1*	50	2*	65	2*	65
Deere	300D - II	30	1*	55	2*	70	2*	65
Deere	310E	31	2*	60	2*	80	2*	80
Doosan	DA30	31	2*	70	2*	70	2*	70
Doosan	DA30-5	31	2*	70	2*	75	2*	75
Komatsu	HA270-1	27	2*	60	2*	60	2*	60
Komatsu	HM300-1	30	2*	65	2*	80	2*	75
Komatsu	HM300-2	30	2*	65	2*	80	2*	75
Komatsu	HM300-3	31	2*	60	CT	CT	2*	80
Komatsu	HM300-5	31	2*	70	CT	CT	2*	75
Moxy	MT26	26	2*	60	2*	60	2*	60
Moxy	MT30 X	30	2*	75	1*	55	1*	55
Moxy	MT30 LHS	30	2*	60	2*	60	2*	60
Moxy	MT31	31	2*	70	2*	70	2*	70
Randon	RK-628	28	1*	50	2*	60	2*	60
Terex	2566B	25	2*	60	1*	55	1*	50

CONTINUES ON NEXT PAGE

23.5R25 ARTICULATED DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Terex	2566C	25	2*	60	1*	55	1*	50
Terex	2766B	27.5	2*	65	2*	60	1*	55
Terex	2766C	27.5	2*	65	2*	60	2*	55
Terex	3066	30	2*	65	2*	60	2*	60
Terex	3066C	30	2*	60	2*	70	2*	70
Terex	TA250	27.5	2*	65	2*	65	2*	65
Terex	TA250-9	27.5	2*	70	2*	65	2*	65
Terex	TA300	31	2*	70	2*	70	2*	70
Terex	TA300-T4	31	2*	75	2*	70	2*	70
Terex	TA300-9	31	2*	60	2*	80	2*	80
Volvo	A20 6X4	20	1*	40	CT	-	CT	-
Volvo	A25	25	1*	40	1*	55	1*	55
Volvo	A25 4X4	25	1*	45	1*	40	1*	40
Volvo	A25 6X4	25	1*	40	1*	55	1*	55
Volvo	A25B	25	1*	40	1*	55	1*	55
Volvo	A25B 4X4	25	1*	45	1*	40	1*	40
Volvo	A25C	25	1*	45	2*	55	2*	55
Volvo	A25C 4X4	25	1*	50	1*	40	1*	40
Volvo	A25C 6X6	25	1*	45	2*	55	2*	55
Volvo	A25D	27	1*	55	2*	65	2*	65
Volvo	A25E	27	1*	55	2*	65	2*	65
Volvo	A25E 4X4	26.5	2*	65	CT	-	CT	-
Volvo	A25F	27	2*	60	2*	65	2*	65
Volvo	A25G	26.5	2*	60	2*	65	2*	65
Volvo	A30	30	2*	60	2*	65	2*	65
Volvo	A30C	30	2*	65	2*	70	2*	70
Volvo	A30C 6X6	30	2*	60	2*	65	2*	65
Volvo	A30D	31	2*	60	2*	75	2*	75
Volvo	A30E	31	2*	60	2*	75	2*	75
Volvo	A30F	31	2*	60	2*	75	2*	75
Volvo	A30G	31	2*	60	2*	75	2*	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

26.5R25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B35D	35.8	2*	60	2*	70	2*	70
Bell	B35E	37	2*	65	2*	75	2*	70
Bell	B40	40	2*	65	CT	CT	2*	75
Bell	B40B	40	2*	70	2*	75	2*	75
Bell	B40D 6x4	40	2*	60	CT	CT	2*	75
Caterpillar	D25C	25	2*	65	-	-	2*	75
Caterpillar	D25D	25	2*	65	-	-	2*	75
Caterpillar	D350C	35	2*	55	2*	60	2*	55
Caterpillar	D350D	35	2*	60	2*	60	2*	60
Caterpillar	D400D	40	2*	65	2*	75	2*	75
Caterpillar	735	35	2*	70	2*	70	2*	70
Caterpillar	735	36	2*	75	2*	70	2*	65
Caterpillar	735B	36	CT	CT	2*	70	2*	70
Caterpillar	735B	36	CT	CT	2*	70	2*	65
Caterpillar	735C	36	2*	70	2*	70	2*	70
Deere	350C	35	2*	60	2*	65	2*	65
Deere	350D	35	2*	55	2*	65	2*	65
Deere	350D Series II	35	2*	65	2*	65	2*	65
Deere	370E	37	2*	70	2*	75	2*	70
Deere	370E-II	37	2*	70	2*	80	2*	80
Komatsu	HM350-2	35.6	2*	65	2*	70	2*	70
Moxy	MT36	36	2*	65	2*	65	2*	65
Moxy	MT40	40	2*	60	2*	70	2*	70
Terex	4066	37	1*	50	2*	70	2*	70
Terex	4066B	40	2*	60	2*	75	2*	75
Terex	4066C	40	2*	60	CT	CT	CT	CT
Terex	TA350	37.6	1*	55	CT	CT	CT	CT
Volvo	A35	35	1*	50	2*	65	2*	65
Volvo	A35C	35	1*	50	2*	65	2*	65
Volvo	A35C 6X6	35	1*	50	2*	65	2*	65
Volvo	A35D	36	1*	55	2*	70	2*	70
Volvo	A35E	37	1*	55	2*	75	2*	75
Volvo	A35E-FS	37	1*	55	2*	75	2*	75
Volvo	A35F	37	2*	60	2*	75	2*	75
Volvo	A35F-FS	37	2*	60	2*	75	2*	75
Volvo	A35G	37	2*	60	2*	75	2*	75
Volvo	A35G-FS	37	2*	60	2*	75	2*	75

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

29.5R25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Atlas	FB-645	45	2*	65	2*	70	2*	70
Bell	B40B	40	1*	55	2*	60	2*	55
Bell	B40D	41	1*	50	2*	65	2*	60
Bell	B40E	43	2*	55	2*	65	2*	65
Bell	B45D	45	1*	55	2*	70	2*	70
Bell	B45E	45	2*	60	2*	70	2*	70
Bell	B50E	50	2*	65	CT	CT	CT	CT
Caterpillar	D30C 4x4	30	1*	55	-	-	2*	75
Caterpillar	D30D 4x4	30	1*	55	-	-	2*	75
Caterpillar	D35C	35	1*	55	-	-	-	-
Caterpillar	D40D	40	2*	70	-	-	-	-
Caterpillar	D350C	35	1*	45	1*	45	1*	45
Caterpillar	D350D	35	1*	50	1*	45	1*	45
Caterpillar	D400D	40	1*	55	2*	55	2*	55
Caterpillar	D400E	40	2*	60	1*	55	1*	55
Caterpillar	740	40	2*	65	2*	60	2*	60
Caterpillar	740	43.5	2*	65	2*	65	2*	65
Caterpillar	740 EJ	42	1*	55	2*	70	2*	70
Caterpillar	740B	43.5	2*	70	2*	65	2*	65
Caterpillar	740B EJ	42	2*	60	2*	70	2*	70
Caterpillar	740C EJ	42	2*	60	2*	70	2*	70
Caterpillar	740 GC	40	2*	60	2*	60	2*	60
Caterpillar	745C	45	2*	70	2*	65	2*	65
Deere	370E	37	1*	55	2*	60	2*	60
Deere	400C	40	1*	55	2*	60	2*	55
Deere	400D	40	1*	50	2*	60	2*	60
Deere	400D Series II	40	1*	50	2*	65	2*	60
Deere	410E	41	1*	55	2*	65	2*	65
Deere	410E-II	41	2*	60	2*	70	2*	70
Deere	460E	46	2*	60	2*	70	2*	70
Deere	460E-II	46	2*	65	2*	75	2*	75
Doosan	DA40	44	1*	55	2*	65	2*	65
Doosan	DA40-5	44	2*	55	2*	65	2*	65
Komatsu	HD400	40	1*	45	2*	65	2*	65
Komatsu	HM400-2	40	1*	50	2*	65	2*	65
Komatsu	HM400-3	44	1*	55	2*	70	2*	70
Komatsu	HM400-5	44	2*	60	2*	75	2*	70
Moxy	MT41	41	1*	50	2*	60	2*	60
Moxy	MT51	51	2*	60	2*	75	2*	75
Terex	TA400-9	42	1*	45	2*	70	2*	70
Volvo	A40	40	1*	45	2*	65	2*	65
Volvo	A40D	41	1*	50	2*	65	2*	65
Volvo	A40E	43	1*	50	2*	65	2*	65
Volvo	A40E-FS	43	1*	50	2*	65	2*	65
Volvo	A40F	43	1*	50	2*	65	2*	65
Volvo	A40F-FS	43	1*	50	2*	65	2*	65

CONTINUES ON NEXT PAGE

29.5R25 ARTICULATED DUMP TRUCK USAGE CHART CONTINUED

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Volvo	A40G	43	1*	50	2*	65	2*	65
Volvo	A40G-FS	43	1*	55	2*	65	2*	65
Volvo	A45G	45	1*	55	2*	70	2*	70
Volvo	A45G-FS	45	1*	55	2*	70	2*	70
Volvo	A25 4X4	25	-	-	-	-	2*	70
Volvo	A25B 4X4	25	-	-	-	-	2*	70
Volvo	A25C 4X4	25	-	-	-	-	2*	70
Volvo	A25E 4X4	26.5	-	-	-	-	2*	75

750/65R25 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B30D	30	1*	40	1*	45	1*	45
Bell	B30E	31	1*	40	1*	50	1*	50
Caterpillar	725C	26	1*	50	1*	40	1*	40
Caterpillar	730C	31	1*	55	1*	50	1*	50
Caterpillar	730C EJ	31	1*	45	1*	55	1*	55
Deere	260E	26	1*	45	1*	45	1*	45
Deere	300D - II	30	1*	40	1*	45	1*	45
Deere	310E	31	1*	40	1*	50	1*	50
Komatsu	HM300-5	31	1*	45	1*	55	1*	50
Terex	TA250-9	26.5	1*	50	1*	45	1*	45
Terex	TA300-9	31	1*	40	1*	55	1*	55
Volvo	A25G	27	1*	40	1*	45	1*	45
Volvo	A30D	31	1*	40	1*	50	1*	50
Volvo	A30E	31	1*	40	1*	50	1*	50
Volvo	A30G	31	1*	45	1*	50	1*	50

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

875/65R29 ARTICULATED DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (tons)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bell	B40E	43	2*	50	2*	60	2*	60
Bell	B45E	45	2*	50	2*	60	2*	60
Bell	50D	50	2*	55	2*	70	2*	70
Bell	B50E	50	2*	55	2*	70	2*	70
Bell	B60E	60	2*	65	-	-	-	-
Caterpillar	740C EJ	42	2*	50	2*	65	2*	60
Caterpillar	745C	45	2*	60	2*	60	2*	55
Deere	370E	37	2*	50	2*	50	2*	50
Deere	410E	42.5	2*	50	2*	60	2*	60
Deere	460E	46	2*	55	2*	65	2*	65
Volvo	A40D	41	2*	45	2*	60	2*	60
Volvo	A40F	43	2*	45	2*	60	2*	60
Volvo	A40F-FS	43	2*	45	2*	60	2*	60
Volvo	A40G	43	2*	45	2*	60	2*	60
Volvo	A40G-FS	43	2*	50	2*	60	2*	60
Volvo	A45G	45	2*	45	2*	60	2*	60
Volvo	A45G-FS	45	2*	50	2*	60	2*	60

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

RADIAL GRADER

14.00R24TG GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	845B	1*	30	1*	40	1*	40
Case	865B	1*	30	1*	40	1*	40
Case	865B AWD	1*	35	1*	40	1*	40
Case	885B	1*	40	1*	45	1*	45
Case	885B AWD	1*	45	1*	45	1*	45
Caterpillar	12M	1*	35	1*	50	1*	50
Caterpillar	12M2	1*	40	1*	50	1*	50
Caterpillar	12M2 AWD	1*	45	1*	55	1*	55
Caterpillar	12M3	1*	40	1*	55	1*	55
Caterpillar	12M3 AWD	1*	45	1*	55	1*	55
Caterpillar	120M2	1*	35	1*	50	1*	50
Caterpillar	120M2 AWD	1*	35	1*	50	1*	50
Caterpillar	140	1*	35	1*	55	1*	55
Caterpillar	140H	1*	30	1*	40	1*	40
Caterpillar	140M	1*	40	1*	50	1*	50
Caterpillar	140M AWD	1*	40	1*	55	1*	55
Caterpillar	140M2	1*	40	1*	55	1*	55
Caterpillar	140M2 AWD	1*	45	1*	55	1*	55
Caterpillar	140M3	1*	40	1*	55	1*	55
Caterpillar	140M3 AWD	1*	45	CT	CT	CT	CT
Caterpillar	160M	1*	40	1*	55	1*	55
Caterpillar	160M AWD	1*	45	1*	55	1*	55
Caterpillar	160M2	1*	45	1*	55	1*	55
Caterpillar	160M2 AWD	1*	50	CT	CT	CT	CT
Caterpillar	160M3	1*	45	CT	CT	CT	CT
Caterpillar	160M3 AWD	1*	50	CT	CT	CT	CT
Deere	620G/GP	1*	35	1*	50	1*	50
Deere	622G/GP	1*	40	1*	50	1*	50
Deere	670G Std	1*	30	1*	45	1*	45
Deere	670G w/ ripper	1*	40	1*	50	1*	50
Deere	672G Std	1*	35	1*	45	1*	45
Deere	672G w/ ripper	1*	45	1*	55	1*	55
Deere	770C std	1*	30	1*	40	1*	40
Deere	770C w/ scarifier	1*	35	1*	40	1*	40
Deere	770C w/ ripper	1*	30	1*	45	1*	45
Deere	770CH std	1*	30	1*	40	1*	40
Deere	770CH w/ scarifier	1*	35	1*	40	1*	40
Deere	770CH w/ ripper	1*	30	1*	45	1*	45
Deere	770G std	1*	30	1*	45	1*	45
Deere	770G w/ ripper	1*	40	1*	55	1*	55
Deere	772CH std	1*	30	1*	40	1*	40
Deere	772CH w/ scarifier	1*	40	1*	40	1*	40

CONTINUES ON NEXT PAGE

14.00R24TG GRADER USAGE CHART CONTINUED

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Deere	772CH w/ ripper	1*	35	1*	45	1*	45
Deere	772D std	1*	30	1*	40	1*	40
Deere	772D w/ ripper	1*	35	1*	50	1*	50
Deere	772G std	1*	35	1*	45	1*	45
Deere	772G w/ ripper	1*	45	1*	55	1*	55
Deere	870G std	1*	30	1*	45	1*	45
Deere	870G w/ ripper	1*	40	1*	55	1*	55
Deere	872G std	1*	35	1*	50	1*	50
Deere	872G w/ ripper	1*	45	CT	CT	CT	CT
Terex	TG140	1*	40	1*	40	1*	40
Terex	TG180	1*	45	1*	45	1*	45
Terex	TG200	1*	50	1*	45	1*	45
Volvo	G930B	1*	30	1*	40	1*	40
Volvo	G930C	1*	30	1*	45	1*	45
Volvo	G940B	1*	35	1*	45	1*	45
Volvo	G940C	1*	35	1*	45	1*	45
Volvo	G946B	1*	35	1*	45	1*	45
Volvo	G946C	1*	35	1*	50	1*	50
Volvo	G960B	1*	35	1*	50	1*	50
Volvo	G960C	1*	35	1*	50	1*	50

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

17.5R25 GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	845B	1*	30	1*	40	1*	40
Case	856C	1*	30	1*	40	1*	40
Case	856C AWD	1*	30	1*	40	1*	40
Case	865B	1*	30	1*	40	1*	40
Case	865B AWD	1*	30	1*	40	1*	40
Case	885B	1*	35	1*	40	1*	40
Case	885B AWD	1*	35	1*	40	1*	40
Caterpillar	12M	1*	30	1*	40	1*	40
Caterpillar	12M2	1*	30	1*	45	1*	45
Caterpillar	12M2 AWD	1*	35	1*	45	1*	45
Caterpillar	12M3	1*	30	1*	45	1*	45
Caterpillar	12M3 AWD	1*	35	1*	45	1*	45
Caterpillar	120M2	1*	30	1*	40	1*	40
Caterpillar	120M2 AWD	1*	30	1*	45	1*	45
Caterpillar	140H	1*	30	1*	40	1*	40

CONTINUES ON NEXT PAGE

17.5R25 GRADER USAGE CHART CONTINUED

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	140M	1*	30	1*	45	1*	45
Caterpillar	140M AWD	1*	35	1*	45	1*	45
Caterpillar	140M2	1*	35	1*	45	1*	45
Caterpillar	140M2 AWD	1*	35	1*	45	1*	45
Caterpillar	140M3	1*	35	1*	45	1*	45
Caterpillar	140M3 AWD	1*	40	CT	CT	CT	CT
Caterpillar	160M	1*	35	1*	45	1*	45
Caterpillar	160M AWD	1*	35	1*	45	1*	45
Caterpillar	160M2	1*	35	1*	45	1*	45
Caterpillar	160M2 AWD	1*	40	CT	CT	CT	CT
Caterpillar	160M3	1*	35	CT	CT	CT	CT
Caterpillar	160M3 AWD	1*	40	CT	CT	CT	CT
Deere	620G/GP	1*	30	1*	40	1*	40
Deere	622G/GP	1*	30	1*	45	1*	45
Deere	670G Std	1*	30	1*	40	1*	40
Deere	670G w/ ripper	1*	35	1*	45	1*	45
Deere	672G Std	1*	30	1*	40	1*	40
Deere	672G w/ ripper	1*	35	1*	45	1*	45
Deere	770C std	1*	30	1*	40	1*	40
Deere	770C w/ scarifier	1*	30	1*	40	1*	40
Deere	770C w/ ripper	1*	30	1*	40	1*	40
Deere	770CH std	1*	30	1*	40	1*	40
Deere	770CH w/ scarifier	1*	30	1*	40	1*	40
Deere	770CH w/ ripper	1*	30	1*	40	1*	40
Deere	770G std	1*	30	1*	40	1*	40
Deere	770G w/ ripper	1*	35	1*	45	1*	45
Deere	772CH std	1*	30	1*	40	1*	40
Deere	772CH w/ scarifier	1*	35	1*	40	1*	40
Deere	772CH w/ ripper	1*	30	1*	40	1*	40
Deere	772D std	1*	30	1*	40	1*	40
Deere	772D w/ ripper	1*	30	1*	40	1*	40
Deere	772G std	1*	30	1*	40	1*	40
Deere	772G w/ ripper	1*	35	1*	45	1*	45
Deere	870G std	1*	30	1*	40	1*	40
Deere	870G w/ ripper	1*	35	1*	45	1*	45
Deere	872G std	1*	30	1*	40	1*	40
Deere	872G w/ ripper	1*	40	CT	CT	CT	CT
Komatsu	GD655-5	1*	30	1*	40	1*	40
Komatsu	GD655-5 w/ ripper	1*	30	1*	40	1*	40
Komatsu	GD655-5 w/ scarifier	1*	30	1*	40	1*	40
Komatsu	GD655-6	1*	30	1*	40	1*	40
Komatsu	GD655-6 w/ ripper	1*	30	1*	45	1*	45
Komatsu	GD655-6 w/ scaifier	1*	30	1*	40	1*	40
Komatsu	GD655-7	1*	30	1*	40	1*	40
Volvo	G930B	1*	30	1*	40	1*	40
Volvo	G930C	1*	30	1*	45	1*	45

CONTINUES ON NEXT PAGE

17.5R25 GRADER USAGE CHART CONTINUED

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Volvo	G940B	1*	30	1*	40	1*	40
Volvo	G940C	1*	30	CT	CT	CT	CT
Volvo	G946B	1*	30	1*	40	1*	40
Volvo	G946C	1*	30	CT	CT	CT	CT
Volvo	G960B	1*	30	1*	40	1*	40
Volvo	G960C	1*	35	CT	CT	CT	CT

20.5R25 GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	14M	1*	30	1*	45	1*	45
Caterpillar	14M3	1*	30	CT	CT	CT	CT

29.5R29 GRADER USAGE CHART

For Standard Grader Service: Unlimited distance, < 25 mph

Manufacturer	Model	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Middle Minimum Ply Rating	Middle Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	24M	1*	45	1*	60	1*	60
Caterpillar	24	1*	50	CT	CT	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

RADIAL LOADER

17.5R25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	IT14B	1.6	1*	60	1*	60
Caterpillar	IT14F	1.6	1*	60	1*	60
Caterpillar	IT14G	1.7	1*	60	1*	60
Caterpillar	IT18	1.5	1*	60	1*	60
Caterpillar	IT18B	1.75	1*	60	1*	60
Caterpillar	IT18F	2	1*	65	1*	60
Caterpillar	IT24	2.3	1*	65	1*	60
Caterpillar	IT24F	2.4	1*	75	1*	60
Caterpillar	IT28	2	1*	65	1*	60
Caterpillar	IT28B	2.25	1*	70	1*	60
Caterpillar	IT28F	2.6	1*	75	1*	60
Caterpillar	910M	2.5	1*	65	1*	60
Caterpillar	914G	1.7	1*	60	1*	60
Caterpillar	914G2	1.8	1*	60	1*	60
Caterpillar	914K	1.7	1*	60	1*	60
Caterpillar	914K HL	1.7	1*	60	1*	60
Caterpillar	914M	2.5	1*	65	1*	60
Caterpillar	916	2	1*	60	1*	60
Caterpillar	918F	2	1*	60	1*	60
Caterpillar	918M	2.5	1*	70	1*	60
Caterpillar	924F	2.25	1*	65	1*	60
Caterpillar	924Gz	2.3	1*	65	1*	60
Caterpillar	924K	2.5	1*	85	1*	60
Caterpillar	926	1.75	1*	60	1*	60
Caterpillar	926E	2.25	1*	65	1*	60
Caterpillar	926M	2.5	1*	85	1*	60
Caterpillar	928F	2.6	1*	75	1*	60
Caterpillar	928G	2.6	1*	75	1*	60
Caterpillar	930	2.25	1*	65	1*	60
Caterpillar	936	2.75	1*	85	1*	60
Caterpillar	936E	3	1*	90	1*	60
Caterpillar	936F	3	1*	90	1*	60
Case	W14C	1.7	1*	60	1*	60
Case	W18	2	1*	60	1*	60
Case	W18B	2	1*	60	1*	60
Case	W20	2	1*	65	1*	60
Case	W20B	2.5	1*	70	1*	60
Case	W20C	2	1*	60	1*	60
Case	W24B	2.5	1*	70	1*	60
Case	W24C	3	1*	80	1*	60
Case	521D	2	1*	60	1*	60
Case	521G Z-Bar	2.1	1*	65	1*	60
Case	521G Z-Bar	2	1*	65	1*	60
Case	521G Z-Bar	2.3	1*	70	1*	60
Case	521G XR	2.1	1*	70	1*	60
Case	521G XR	2	1*	65	1*	60
Case	521G XR	2.3	1*	70	1*	60
Case	521G XT	2.1	1*	70	1*	60
Case	521G XT	2	1*	70	1*	60
Case	621	2.2	1*	70	1*	60
Daewoo	Mega 200	2.4	1*	70	1*	60
Daewoo	Mega 200-III	2.3	1*	70	1*	60
Deere	304H	1.25	1*	60	1*	60
Deere	304H WH	1	1*	60	1*	60
Deere	324H	1.75	1*	60	1*	60
Deere	344E	1.6	1*	60	1*	60
Deere	344G	1.6	1*	60	1*	60
Deere	344H	2	1*	60	1*	60
Deere	344K	1.75	1*	60	1*	60
Deere	344L	2	1*	60	1*	60
Deere	344L HL	2	1*	65	1*	60
Deere	444	1.5	1*	60	1*	60
Deere	444C	1.75	1*	60	1*	60
Deere	444D	1.75	1*	60	1*	60
Deere	444E	1.75	1*	60	1*	60
Deere	444G	1.75	1*	60	1*	60
Deere	444H	2.5	1*	70	1*	60
Deere	444H HL	2.5	1*	75	1*	60
Deere	444K Z-bar	2.5	1*	75	1*	60
Deere	444K HL	2.5	1*	80	1*	60
Deere	444K Powerllel	2.5	1*	85	1*	60
Deere	544B	1.75	1*	60	1*	60
Deere	544C	2	1*	65	1*	60
Deere	544D	2.2	1*	65	1*	60
Deere	544E	2.2	1*	65	1*	60
Deere	544G	2.5	1*	70	1*	60
Deere	544G-TC	2.5	1*	75	1*	60
Deere	TC44H	2	1*	60	1*	60
Deere	TC54H	2.5	1*	65	1*	60
Deere	TC62H	3	1*	70	1*	60
Fiatallis	FR7B	1.4	1*	60	1*	60
Fiatallis	FR7C	1.4	1*	60	1*	60
Fiatallis	FR70	1.4	1*	60	1*	60

CONTINUES ON NEXT PAGE

17.5R25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Fiatallis	345B	1.5	1*	60	1*	60
Fiatallis	FR9B PL	1.7	1*	60	1*	60
Fiatallis	FR90 PL	1.8	1*	60	1*	60
Fiatallis	FR9B	1.8	1*	60	1*	60
Fiatallis	FR9C	1.8	1*	60	1*	60
Fiatallis	FR90	1.8	1*	60	1*	60
Fiatallis	FR10	2	1*	60	1*	60
Fiatallis	FR10B	2.2	1*	65	1*	60
Fiatallis	FR10C	2.25	1*	65	1*	60
Fiatallis	FR100	2.25	1*	65	1*	60
Fiatallis	FR11	2.5	1*	75	1*	60
Fiatallis	FR12	2.5	1*	75	1*	60
Fiatallis	FR12B	2.5	1*	70	1*	60
Fiatallis	FR120	2.5	1*	70	1*	60
Fiatallis	FR120-2	2.5	1*	75	1*	60
Fiatallis	FW130	2.75	1*	80	1*	60
Fiatallis	FW110	2.2	1*	65	1*	60
Fiat Hitachi	W110	2.1	1*	60	1*	60
Fiat Hitachi	W130 PL	2.6	1*	75	1*	60
Furukawa	FL120-I	1.7	1*	60	1*	60
Furukawa	FL120A-I	1.7	1*	60	1*	60
Hitachi	ZW120	2	1*	60	1*	60
Hitachi	ZW120 HL	1.75	1*	60	1*	60
Hitachi	ZW120-6	2	1*	60	1*	60
Hitachi	ZW120-6 HL	2	1*	60	1*	60
Hitachi	ZW140	2.6	1*	70	1*	60
Hitachi	ZW140 HL	2	1*	65	1*	60
Hitachi	ZW140-6	2.7	1*	75	1*	60
Hitachi	ZW140-6 HL	2.7	1*	80	1*	60
Hyundai	HL17	2.4	1*	75	1*	60
Hyundai	HL730-9A	2.5	1*	70	1*	60
Hyundai	HL730XTD-9A	2.5	1*	75	1*	60
Hyundai	HL730TM-9A	2.2	1*	70	1*	60
Hyundai	HL740-9A	3	1*	90	1*	60
Hyundai	HL740XTD-9A	3	2*	CT	1*	60
Hyundai	HL740TM-9A	3	2*	CT	1*	65
Hyundai	HL757-9A	3.7	2*	CT	1*	65
Hyundai	HL757XTD-9A	3.7	CT	CT	1*	75
Hyundai	HL757TM-9A	3.5	CT	CT	1*	70
Hyundai	HL940	3	1*	90	1*	60
Hyundai	HL940 XT	3	2*	CT	1*	60
Hyundai	HL955	3.1	2*	CT	1*	60
Hyundai	HL955 XTD	3.1	2*	CT	1*	65
JCB	411HT	1.6	1*	60	1*	60
JCB	416HT	2.2	1*	65	1*	60
JCB	417HT	2	1*	60	1*	60
JCB	417HT HL	2	1*	60	1*	60
JCB	417HT SHL	2	1*	70	1*	60
Kawasaki	50ZIV	1.7	1*	60	1*	60
Kawasaki	50ZIV-2	2	1*	60	1*	60
Kawasaki	60Z	2.1	1*	60	1*	60
Kawasaki	60ZII	2.1	1*	60	1*	60
Kawasaki	60ZIII	2.1	1*	60	1*	60
Kawasaki	60ZIV	2.1	1*	60	1*	60
Kawasaki	60ZIV-2	2.5	1*	65	1*	60
Kawasaki	60Z7	2	1*	60	1*	60
Kawasaki	60ZV-2	2.2	1*	60	1*	60
Kawasaki	60ZV-2 HL	2.2	1*	65	1*	60
Kawasaki	60ZV-2 SHL	2.2	1*	70	1*	60
Kawasaki	62Z7	2.75	1*	75	1*	60
Kawasaki	65TM-2	2.6	2*	CT	1*	60
Kawasaki	65Z	2.3	1*	65	1*	60
Kawasaki	65ZII	2.3	1*	65	1*	60
Kawasaki	65ZIII	2.6	1*	70	1*	60
Kawasaki	65ZIV	2.6	1*	75	1*	60
Kawasaki	65ZIV-2	3	1*	80	1*	60
Kawasaki	65ZV-2	3	1*	80	1*	60
Kawasaki	65ZV-2 HL	2.8	1*	80	1*	60
Kawasaki	65ZV-2 SHL	2.8	1*	85	1*	60
Komatsu	WA120-1	1.75	1*	60	1*	60
Komatsu	WA120-3	1.85	1*	60	1*	60
Komatsu	WA150-5	2	1*	60	1*	60
Komatsu	WA180-1	2.25	1*	65	1*	60
Komatsu	WA180-3	2.9	1*	75	1*	60
Komatsu	WA180-3 PTC	2.5	1*	70	1*	60
Komatsu	WA200-5	2.6	1*	70	1*	60
Komatsu	WA200-6	2.6	1*	70	1*	60
Komatsu	WA200PZ-6	2.6	1*	75	1*	60
Komatsu	WA200-7	2.6	1*	75	1*	60
Komatsu	WA200-8	2.6	1*	75	1*	60
Komatsu	WA250-5	3	1*	80	1*	60
Komatsu	WA250-6	3	1*	75	1*	60
Komatsu	WA250PZ-6	2.9	1*	85	1*	60
Komatsu Dresser	512	1.7	1*	60	1*	60
Komatsu Dresser	515B	1.6	1*	60	1*	60
Komatsu Dresser	515C	2	1*	60	1*	60
Komatsu Dresser	515CH	2	1*	60	1*	60

CONTINUES ON NEXT PAGE

17.5R25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Komatsu Dresser	518	2.2	1*	65	1*	60
Komatsu Dresser	520B	2.25	1*	65	1*	60
Komatsu Dresser	520C	2.5	1*	70	1*	60
Liebherr	L524 Z-bar	2.7	1*	75	1*	60
Liebherr	L524	2.4	1*	75	1*	60
Liebherr	L524 HL	2.4	1*	80	1*	60
Liebherr	L526 Z-bar	2.75	1*	75	1*	60
Liebherr	L526	2.75	1*	85	1*	60
Liebherr	L526 HL	2.75	1*	90	1*	60
Liebherr	L528 Z-bar	3	1*	80	1*	60
Liebherr	L528	2.7	1*	80	1*	60
Liebherr	L528 HL	2.7	1*	90	1*	60
Terex	33C	1.75	1*	60	1*	60
Terex	44C	2.25	1*	75	1*	60
Volvo	L45H	2	1*	60	1*	60
Volvo	L50C	2	1*	60	1*	60
Volvo	L50D	2	1*	60	1*	60
Volvo	L50H	2.1	1*	65	1*	60
Volvo	L60G	2.75	1*	80	1*	60
Volvo	L60H	2.75	1*	75	1*	60
Volvo	L70B	2.1	1*	65	1*	60
Volvo	L70C	2.5	1*	70	1*	60
Volvo	L70D	2.5	1*	75	1*	60

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

20.5R25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	IT38F	3.25	1*	70	1*	60
Caterpillar	IT38G	3.3	1*	70	1*	60
Caterpillar	IT38H	3.3	1*	80	1*	60
Caterpillar	924G	2.3	1*	60	1*	60
Caterpillar	924H	2.4	1*	60	1*	60
Caterpillar	924Hz	2.3	1*	60	1*	60
Caterpillar	924K	2.5	1*	65	1*	60
Caterpillar	926M	2.5	1*	65	1*	60
Caterpillar	928Hz	2.6	1*	60	1*	60
Caterpillar	930H	2.7	1*	60	1*	60
Caterpillar	930K	2.75	1*	65	1*	60
Caterpillar	930M	2.75	1*	70	1*	60
Caterpillar	930M HL	2.7	1*	70	1*	60
Caterpillar	936F TC	3	1*	65	1*	60
Caterpillar	938F	3.25	1*	70	1*	60
Caterpillar	938G	3.25	1*	70	1*	60
Caterpillar	938H	3.65	1*	80	1*	60
Caterpillar	938K	3.25	1*	75	1*	60
Caterpillar	938M	3.25	1*	80	1*	60
Caterpillar	950B	3.75	1*	85	1*	60
Caterpillar	950F	4	1*	90	1*	60
Case	521G Z-Bar	2.1	1*	60	1*	60
Case	521G Z-Bar	2	1*	60	1*	60
Case	521G Z-Bar	2.3	1*	60	1*	60
Case	521G XR	2.1	1*	60	1*	60
Case	521G XR	2	1*	60	1*	60
Case	521G XR	2.3	1*	60	1*	60
Case	521G XT	2.1	1*	60	1*	60
Case	521G XT	2	1*	60	1*	60
Case	621B	2.25	1*	60	1*	60
Case	621B	3	1*	65	1*	60
Case	621B XT	2.25	1*	60	1*	60
Case	621D	2.5	1*	60	1*	60
Case	621E	3	1*	65	1*	60
Case	621E XT	3	1*	65	1*	60
Case	621E XR	3	1*	65	1*	60
Case	621G Z-Bar	2.5	1*	60	1*	60
Case	621G Z-Bar	2.4	1*	60	1*	60
Case	621G Z-Bar	2.75	1*	60	1*	60
Case	621G XR	2.5	1*	60	1*	60
Case	621G XR	2.4	1*	60	1*	60
Case	621G XR	2.75	1*	65	1*	60
Case	621G XT	2.5	1*	60	1*	60
Case	621G XT	2.4	1*	60	1*	60
Case	621G XT	3	1*	70	1*	60
Case	621G XT	2.8	1*	65	1*	60
Case	721	2.75	1*	60	1*	60
Case	721B	2.75	1*	60	1*	60
Case	721B XT	2.75	1*	65	1*	60
Case	721C	2.75	1*	65	1*	60
Case	721E	3.5	1*	70	1*	60
Case	721E XT	3	1*	65	1*	60
Case	721E XR	3	1*	70	1*	60
Case	721F	3	1*	65	1*	60
Case	721F XT	3	1*	70	1*	60
Case	721F XR	3	1*	70	1*	60
Case	721G Z-Bar	3	1*	65	1*	60
Case	721G Z-Bar	2.8	1*	65	1*	60
Case	721G Z-Bar	3.25	1*	70	1*	60
Case	721G XR	3	1*	70	1*	60
Case	721G XR	2.8	1*	70	1*	60
Case	721G XR	3.25	1*	75	1*	60
Case	721G XT	3	1*	70	1*	60
Case	721G XT	2.8	1*	70	1*	60
Case	W30	3.5	1*	65	1*	60
Daewoo	Mega 250-III	3.1	1*	70	1*	60
Deere	444K Z-bar	2.5	1*	60	1*	60
Deere	444K HL	2.5	1*	60	1*	60
Deere	444K Powerllel	2.5	1*	60	1*	60
Deere	524K	2.75	1*	60	1*	60
Deere	524K HL	2.75	1*	60	1*	60
Deere	524L	2.75	1*	60	1*	60
Deere	524L HL	2.75	1*	65	1*	60
Deere	544H	3	1*	65	1*	60
Deere	544H HL	3	1*	65	1*	60
Deere	544J	3	1*	65	1*	60
Deere	544J HL	3	1*	65	1*	60
Deere	544K	3	1*	65	1*	60
Deere	544K HL	3	1*	65	1*	60
Deere	544L	3	1*	65	1*	60
Deere	544L HL	2.75	1*	65	1*	60
Deere	624E	2.6	1*	60	1*	60
Deere	624G	3.25	1*	70	1*	60
Deere	624H	3.5	1*	70	1*	60
Deere	624H HL	3	1*	70	1*	60
Deere	624K	3.5	1*	75	1*	60
Deere	624K HL	3.5	1*	75	1*	60
Deere	624L	3.5	1*	75	1*	60
Deere	624L HL	3.5	1*	80	1*	60
Deere	644B	2.5	1*	60	1*	60

CONTINUES ON NEXT PAGE

20.5R25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Deere	644C	3	1*	65	1*	60
Doosan	DL200	2.6	1*	60	1*	60
Doosan	DL200TC	2.6	1*	60	1*	60
Doosan	DL200-5	2.6	1*	60	1*	60
Doosan	DL200-5 HL	2.6	1*	60	1*	60
Doosan	DL200TC-5	2.6	1*	60	1*	60
Doosan	DL220-5	3	1*	65	1*	60
Doosan	DL220-5 HL	3	1*	65	1*	60
Doosan	DL250	3.3	1*	70	1*	60
Doosan	DL250TC	3.4	1*	75	1*	60
Doosan	DL250HL	3.4	1*	75	1*	60
Doosan	DL250-5	3.3	1*	70	1*	60
Doosan	DL250-5 HL	3.3	1*	75	1*	60
Doosan	DL250TC-5	3.3	1*	75	1*	60
Doosan	DL280-5	3.7	1*	80	1*	60
Doosan	DL280-5 HL	3.7	1*	85	1*	60
Dressta	520E	2.3	1*	60	1*	60
Fiatallis	FR130	3	1*	65	1*	60
Fiatallis	FR130-2	3	1*	65	1*	60
Fiatallis	FR140	3	1*	65	1*	60
Fiatallis	FR140-2	3.25	1*	70	1*	60
Fiatallis	FR15	3	1*	70	1*	60
Fiatallis	FR15B	3.1	1*	70	1*	60
Fiat Hitachi	W170 PL	3.9	1*	80	1*	60
Furukawa	FL150-I	2	1*	60	1*	60
Furukawa	FL200-I	2.6	1*	60	1*	60
Furukawa	FL230-I	3.1	1*	70	1*	60
Hitachi	ZW140-5	3	1*	60	1*	60
Hitachi	ZW140-5 HL	2.1	1*	60	1*	60
Hitachi	ZW140-6	2.7	1*	60	1*	60
Hitachi	ZW140-6 HL	2.7	1*	65	1*	60
Hitachi	ZW150	3	1*	60	1*	60
Hitachi	ZW150 HL	2.6	1*	60	1*	60
Hitachi	ZW150-5	3.3	1*	65	1*	60
Hitachi	ZW150-5 HL	2.6	1*	60	1*	60
Hitachi	ZW150-6	3.1	1*	65	1*	60
Hitachi	ZW150-6 HL	3.1	1*	70	1*	60
Hitachi	ZW150PL-6	2.7	1*	60	1*	60
Hitachi	ZW180	3.6	1*	75	1*	60
Hitachi	ZW180 HL	3.1	1*	75	1*	60
Hitachi	ZW180-5	3.7	1*	75	1*	60
Hitachi	ZW180-5 HL	3.1	1*	75	1*	60
Hitachi	ZW180-6	3.7	1*	75	1*	60
Hitachi	ZW180-6 HL	3.7	1*	80	1*	60
Hyundai	HL25	3.5	1*	80	1*	60
Hyundai	HL740-7A	2.7	1*	60	1*	60
Hyundai	HL740TM-7A	2.6	1*	60	1*	60
Hyundai	HL740XTD-7A	2.7	1*	60	1*	60
Hyundai	HL740-9A	3	1*	70	1*	60
Hyundai	HL740XTD-9A	3	1*	70	1*	60
Hyundai	HL740TM-9A	3	1*	75	1*	60
Hyundai	HL750	3	1*	65	1*	60
Hyundai	HL757-7A	3.5	1*	75	1*	60
Hyundai	HL757TM-7A	3.3	1*	80	1*	60
Hyundai	HL757XTD-7A	3.5	1*	80	1*	60
Hyundai	HL757-9A	3.7	1*	80	1*	60
Hyundai	HL757XTD-9A	3.7	1*	85	1*	60
Hyundai	HL757TM-9A	3.5	1*	85	1*	60
Hyundai	HL760-9A	4.3	2*	CT	1*	60
Hyundai	HL760XTD-9A	4.3	2*	CT	1*	60
Hyundai	HL940	3	1*	65	1*	60
Hyundai	HL940 XT	3	1*	70	1*	60
Hyundai	HL955	3.1	1*	70	1*	60
Hyundai	HL955 XTD	3.1	1*	75	1*	60
Hyundai	HL960	3.8	1*	90	1*	60
Hyundai	HL960 XT	3.8	1*	90	1*	60
JCB	417HT	2	1*	60	1*	60
JCB	417HT HL	2	1*	60	1*	60
JCB	417HT SHL	2	1*	60	1*	60
JCB	426HT	2.5	1*	60	1*	60
JCB	426HT	2.75	1*	65	1*	60
JCB	426ZX	2.5	1*	60	1*	60
JCB	426ZX	2.75	1*	60	1*	60
JCB	436HT	3.5	1*	75	1*	60
JCB	436ZX	3.5	1*	75	1*	60
JCB	456HT	4.6	2*	CT	1*	70
Kawasaki	62Z7	2.75	1*	60	1*	60
Kawasaki	62Z7 HL	2.75	1*	60	1*	60
Kawasaki	65ZV-2	3	1*	60	1*	60
Kawasaki	65TMV-2	2.5	1*	60	1*	60
Kawasaki	67Z7	3.1	1*	65	1*	60
Kawasaki	67Z7 HL	3.1	1*	65	1*	60
Kawasaki	70Z	3	1*	65	1*	60
Kawasaki	70ZII	3	1*	65	1*	60
Kawasaki	70ZIII	3.25	1*	65	1*	60
Kawasaki	70ZIV	3.25	1*	70	1*	60
Kawasaki	70ZIV-2	3.5	1*	70	1*	60
Kawasaki	70ZV-2	3.5	1*	70	1*	60
Kawasaki	70TMV-2	3.4	1*	80	1*	60
Kawasaki	70Z7	3.7	1*	75	1*	60

CONTINUES ON NEXT PAGE

20.5R25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Kawasaki	70Z7 HL	3.7	1*	80	1*	60
Kawasaki	80ZV-2	4.2	1*	90	1*	60
Komatsu	WA200-5	2.6	1*	60	1*	60
Komatsu	WA200-6	2.6	1*	60	1*	60
Komatsu	WA200PZ-6	2.5	1*	60	1*	60
Komatsu	WA200-7	2.6	1*	60	1*	60
Komatsu	WA200-8	2.6	1*	60	1*	60
Komatsu	WA250-1	3	1*	60	1*	60
Komatsu	WA250-3	3.5	1*	65	1*	60
Komatsu	WA250-3 PTC	3	1*	65	1*	60
Komatsu	WA250-5	3	1*	60	1*	60
Komatsu	WA250-6	3	1*	60	1*	60
Komatsu	WA250PZ-6	3	1*	65	1*	60
Komatsu	WA270-7	3	1*	65	1*	60
Komatsu	WA270-8	3	1*	65	1*	60
Komatsu	WA320-1	3.25	1*	70	1*	60
Komatsu	WA320-3	4.2	1*	80	1*	60
Komatsu	WA320-6	3.7	1*	75	1*	60
Komatsu	WA320PZ-6	3.5	1*	80	1*	60
Komatsu	WA320-7	3.7	1*	80	1*	60
Komatsu	WA320-8	3.7	1*	80	1*	60
Komatsu Dresser	520CH	2.5	1*	60	1*	60
Komatsu Dresser	525	2.7	1*	60	1*	60
Komatsu Dresser	530	3	1*	65	1*	60
Komatsu Dresser	530C	3	1*	65	1*	60
Komatsu Dresser	532	3.2	1*	70	1*	60
Liebherr	L538 Z-bar	3.4	1*	70	1*	60
Liebherr	L538	3	1*	65	1*	60
Liebherr	L538 HL	3	1*	70	1*	60
Liebherr	L542 Z-bar	3.7	1*	75	1*	60
Liebherr	L542	3.3	1*	70	1*	60
Liebherr	L542 HL	3.3	1*	75	1*	60
Liebherr	L546 Z-bar	3.6	1*	75	1*	60
Liebherr	L546	3.25	1*	70	1*	60
Liebherr	L546 HL	3.25	1*	75	1*	60
New Holland	W170B	3	1*	65	1*	60
New Holland	W170B TC/LR	3	1*	65	1*	60
Terex	55C	3	1*	65	1*	60
Terex	TL210	4.6	1*	85	1*	60
Terex	TL260	5.9	2*	CT	1*	70
Volvo	L60F	2.7	1*	60	1*	60
Volvo	L60G	2.75	1*	60	1*	60
Volvo	L60H	2.75	1*	60	1*	60
Volvo	L70B	2.1	1*	60	1*	60
Volvo	L70C	2.5	1*	60	1*	60
Volvo	L70D	2.5	1*	60	1*	60
Volvo	L70F	3	1*	65	1*	60
Volvo	L70G	3	1*	65	1*	60
Volvo	L70H	3	1*	70	1*	60
Volvo	L90B	3	1*	65	1*	60
Volvo	L90C	3.5	1*	75	1*	60
Volvo	L90D	3.5	1*	80	1*	60
Volvo	L90E	3.25	1*	75	1*	60
Volvo	L90F	3.5	1*	80	1*	60
Volvo	L90G	3.25	1*	75	1*	60
Volvo	L90H	3.25	1*	75	1*	60

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

23.5R25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	924K	2.5	1*	60	1*	60
Caterpillar	926M	2.5	1*	60	1*	60
Caterpillar	930K	2.75	1*	60	1*	60
Caterpillar	930M	2.75	1*	60	1*	60
Caterpillar	938K	3.25	1*	60	1*	60
Caterpillar	938M	3.25	1*	60	1*	60
Caterpillar	950F TC	4	1*	70	1*	60
Caterpillar	950E	4	1*	70	1*	60
Caterpillar	950F-II	4	1*	70	1*	60
Caterpillar	950G	3.9	1*	70	1*	60
Caterpillar	950GC	4	1*	75	1*	60
Caterpillar	950G -II	2.7	1*	60	1*	60
Caterpillar	950H	4	1*	70	1*	60
Caterpillar	950K	4	1*	65	1*	60
Caterpillar	950L	7.5	1*	70	1*	60
Caterpillar	950M	4.5	1*	80	1*	60
Caterpillar	960F	4.5	1*	80	1*	60
Caterpillar	962G	4.25	1*	75	1*	60
Caterpillar	962H	4.25	1*	75	1*	60
Caterpillar	962K	4.4	1*	70	1*	60
Caterpillar	962L	3.9	1*	70	1*	60
Caterpillar	962M	4.7	1*	85	1*	60
Caterpillar	966C	4	1*	70	1*	60
Caterpillar	966D	4.25	1*	80	1*	60
Caterpillar	IT62H	4.25	1*	75	1*	60
Case	821	3.5	1*	60	1*	60
Case	821B	3.5	1*	60	1*	60
Case	821C	3.5	1*	60	1*	60
Case	821E	4.5	1*	70	1*	60
Case	821E XR	4.5	1*	75	1*	60
Case	821F	3.5	1*	65	1*	60
Case	821F XR	3.5	1*	65	1*	60
Case	821G XR	3.2	1*	70	1*	60
Case	821G XR	3.5	1*	65	1*	60
Case	821G XR	4.25	1*	75	1*	60
Case	821G Z-Bar	3.2	1*	60	1*	60
Case	821G Z-Bar	3.5	1*	65	1*	60
Case	821G Z-Bar	4.25	1*	70	1*	60
Case	921F	4.75	1*	80	1*	60
Case	921F XR	4.75	1*	85	1*	60
Case	921G XR	3.8	1*	75	1*	60
Case	921G XR	4	1*	80	1*	60
Case	921G XR	4.6	1*	80	1*	60
Case	921G Z-Bar	3.8	1*	70	1*	60
Case	921G Z-Bar	4	1*	75	1*	60

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Case	921G Z-Bar	4.6	1*	80	1*	60
Case	W36	4	1*	65	1*	60
Daewoo	Mega 300	3.8	1*	65	1*	60
Daewoo	Mega 300-III	2.9	1*	60	1*	60
Deere	644D	3.2	1*	60	1*	60
Deere	644E	3.2	1*	60	1*	60
Deere	644G	4	1*	65	1*	60
Deere	644H	4.25	1*	70	1*	60
Deere	644H-HL	4.25	1*	70	1*	60
Deere	644H-MH	4.5	1*	70	1*	60
Deere	644H-WH	6	1*	90	1*	60
Deere	644K	4.25	1*	70	1*	60
Deere	644K-HL	4.25	1*	75	1*	60
Deere	644K-WH	5	1*	85	1*	60
Deere	724J	4.75	1*	75	1*	60
Deere	724J-HL	4.25	1*	75	1*	60
Deere	724K	4.75	1*	75	1*	60
Deere	724K-HL	4.25	1*	75	1*	60
Doosan	DL300	4.2	1*	70	1*	60
Doosan	DL300-5	4.2	1*	70	1*	60
Doosan	DL300-5 HL	4.2	1*	75	1*	60
Doosan	DL350-5	4.8	1*	80	1*	60
Doosan	DL350-5 HL	4.8	1*	85	1*	60
Fiatallis	FR160	3.6	1*	60	1*	60
Fiatallis	FR160-2	4	1*	65	1*	60
Fiatallis	FR180	4	1*	65	1*	60
Fiatallis	FR180-2	4	1*	65	1*	60
Fiatallis	FR20	4.5	1*	75	1*	60
Fiatallis	FR20B	4.6	1*	80	1*	60
Fiat Hitachi	W190	3.3	1*	60	1*	60
Fiat Hitachi	W230	4.6	1*	75	1*	60
Fiat Hitachi	FR160-2	4	1*	65	1*	60
Hitachi	ZW180-6	3.7	1*	60	1*	60
Hitachi	ZW180-6 HL	3.7	1*	65	1*	60
Hitachi	ZW220	4.2	1*	70	1*	60
Hitachi	ZW220 HL	3.5	1*	65	1*	60
Hitachi	ZW220-5	4.5	1*	75	1*	60
Hitachi	ZW220-5 HL	3.5	1*	65	1*	60
Hitachi	ZW220-6	4.2	1*	70	1*	60
Hitachi	ZW220-6 HL	4.2	1*	75	1*	60
Hitachi	ZW250	4.5	1*	75	1*	60
Hitachi	ZW250 HL	4	1*	75	1*	60
Hitachi	ZW250-5	5.2	1*	85	1*	60
Hitachi	ZW250-5 HL	4	1*	75	1*	60
Hitachi	ZW250-6	4.8	1*	80	1*	60

CONTINUES ON NEXT PAGE

23.5R25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Hitachi	ZW250-6 HL	4.8	1*	85	1*	60
Hyundai	HL760	4	1*	70	1*	60
Hyundai	HL760-7A	4	1*	70	1*	60
Hyundai	HL760XTD-7A	4	1*	75	1*	60
Hyundai	HL760-9	4.3	1*	70	1*	60
Hyundai	HL760XTD-9	4.3	1*	75	1*	60
Hyundai	HL760-9A	4.3	1*	70	1*	60
Hyundai	HL760XTD-9A	4.3	1*	75	1*	60
Hyundai	HL770-7	5.2	1*	90	1*	60
Hyundai	HL770XTD-7	5.2	2*	CT	1*	60
Hyundai	HL770-7A	4	1*	75	1*	60
Hyundai	HL770XTD-7A	4	1*	80	1*	60
Hyundai	HL770-9	5.5	2*	CT	1*	60
Hyundai	HL770XTD-9	5.5	2*	CT	1*	60
Hyundai	HL770-9A	5.5	2*	CT	1*	60
Hyundai	HL770XTD-9A	5.5	2*	CT	1*	60
Hyundai	HL960	3.8	1*	70	1*	60
Hyundai	HL960 XT	3.8	1*	70	1*	60
Hyundai	HL970	4.7	1*	85	1*	60
Hyundai	HL970 XTD	4.7	1*	90	1*	60
Hyundai	HL35	4.8	1*	85	1*	60
JCB	456ZX	4.3	1*	75	1*	60
JCB	457HT	4.1	1*	75	1*	60
JCB	457HT SHL	4.1	1*	85	1*	60
JCB	457ZX	4.1	1*	70	1*	60
JCB	457ZX HL	4.1	1*	80	1*	60
Kawasaki	70ZV-2	3.5	1*	60	1*	60
Kawasaki	70ZV-2 HL	3.5	1*	60	1*	60
Kawasaki	70TMV-2	3.4	1*	65	1*	60
Kawasaki	70Z7	3.7	1*	60	1*	60
Kawasaki	70Z7 HL	3.7	1*	65	1*	60
Kawasaki	80Z	3.75	1*	65	1*	60
Kawasaki	80ZII	3.75	1*	65	1*	60
Kawasaki	80ZIII	3.75	1*	65	1*	60
Kawasaki	80ZIV	3.75	1*	65	1*	60
Kawasaki	80ZIV-2	4	1*	65	1*	60
Kawasaki	80ZV-2	4.2	1*	70	1*	60
Kawasaki	80Z7	4.2	1*	70	1*	60
Kawasaki	80Z7 HL	4.2	1*	75	1*	60
Kawasaki	85Z7	4.8	1*	80	1*	60
Kawasaki	85Z7 HL	4.8	1*	85	1*	60
Kawasaki	90Z7	5.5	2*	CT	1*	60
Kawasaki	90Z7 HL	5.5	2*	CT	1*	65
Kawasaki	90Z7B	5.5	2*	CT	1*	60
Kawasaki	90Z7B HL	5.5	2*	CT	1*	65
Komatsu	WA380-3	5.25	1*	80	1*	60
Komatsu	WA380-6	4.3	1*	70	1*	60
Komatsu	WA380-7	4.3	1*	70	1*	60
Komatsu	WA380-7 HL	3.8	1*	70	1*	60
Komatsu	WA380-8	4.3	1*	70	1*	60
Komatsu	WA380-8 HL	3.8	1*	70	1*	60
Komatsu	WA430-6	4.6	1*	75	1*	60
Komatsu Dresser	538	4	1*	70	1*	60
Komatsu Dresser	540	4.5	1*	70	1*	60
Liebherr	L550	4.2	1*	70	1*	60
Liebherr	L550 HL	3.4	1*	70	1*	60
Liebherr	L550XP	4.2	1*	70	1*	60
Liebherr	L550XP HL	3.4	1*	70	1*	60
Liebherr	L556	4.7	1*	75	1*	60
Liebherr	L556 HL	3.7	1*	70	1*	60
Liebherr	L556XP	4.7	1*	75	1*	60
Liebherr	L556XP HL	3.7	1*	75	1*	60
New Holland	W190B	3.44	1*	60	1*	60
New Holland	W190B LR	3.44	1*	65	1*	60
Terex	66C	4	1*	75	1*	60
Terex	70C	4.4	1*	75	1*	60
Terex	TL310	4	1*	70	1*	60
Volvo	L110F	4.4	1*	75	1*	60
Volvo	L110G	4.5	1*	75	1*	60
Volvo	L110H	4	1*	70	1*	60
Volvo	L120B	3.9	1*	60	1*	60
Volvo	L120C	4.7	1*	75	1*	60
Volvo	L120D	4.7	1*	80	1*	60
Volvo	L120F	4.7	1*	80	1*	60
Volvo	L120G	4.5	1*	75	1*	60
Volvo	L120H	4.25	1*	75	1*	60
Volvo	L150	4.5	1*	80	1*	60
Volvo	L150C	5.2	1*	85	1*	60
Volvo	L150D	5.2	2*	CT	1*	60

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

26.5R25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	966E	5	1*	70	1*	60
Caterpillar	966F	5	1*	70	1*	60
Caterpillar	966F-II	5	1*	70	1*	60
Caterpillar	966G	4.75	1*	70	1*	60
Caterpillar	966H	5.5	1*	75	1*	60
Caterpillar	966H	5.75	1*	75	1*	60
Caterpillar	966K	5.5	1*	80	1*	60
Caterpillar	966L	5.5	1*	75	1*	60
Caterpillar	966M	5.5	1*	75	1*	60
Caterpillar	966M XE	5.5	1*	75	1*	60
Caterpillar	970F	5.25	1*	75	1*	60
Caterpillar	972G	5.4	1*	75	1*	60
Caterpillar	972H	5.5	1*	75	1*	60
Caterpillar	972K	5.5	1*	80	1*	60
Caterpillar	972L	5.5	1*	80	1*	60
Caterpillar	972M	6.3	1*	85	1*	60
Caterpillar	972M XE	6	1*	80	1*	60
Case	921	4.75	1*	65	1*	60
Case	921B	4.75	1*	65	1*	60
Case	921C	4.75	1*	65	1*	60
Case	921E	5.75	1*	75	1*	60
Case	921E XR	5.75	1*	80	1*	60
Case	921F	4.75	1*	65	1*	60
Case	921F XR	4.75	1*	65	1*	60
Case	1021G Z-Bar	4.75	1*	70	1*	60
Case	1021G Z-Bar	4.6	1*	70	1*	60
Case	1021G Z-Bar	5.5	1*	80	1*	60
Case	1021G XR	4.75	1*	75	1*	60
Case	1021G XR	4.6	1*	75	1*	60
Case	1021G XR	5.5	1*	85	1*	60
Case	1121F Z-bar	5.25	1*	75	1*	60
Case	1121F Z-bar	6.25	1*	85	1*	60
Case	1121F XR	5.25	1*	80	1*	60
Case	1121F XR	6.25	2*	CT	1*	60
Case	1121G Z-Bar	5.25	1*	80	1*	60
Case	1121G Z-Bar	5.1	1*	80	1*	60
Case	1121G Z-Bar	6.25	1*	90	1*	60
Case	1121G XR	5.25	1*	85	1*	60
Case	1121G XR	5.1	1*	80	1*	60
Case	1121G XR	6.25	2*	CT	1*	60
Daewoo	Mega 400	5.1	1*	70	1*	60
Daewoo	Mega 400-III	3.9	1*	65	1*	60
Deere	744E	5	1*	70	1*	60
Deere	744H	5.25	1*	70	1*	60
Deere	744H-HL	4.5	1*	70	1*	60
Deere	744H-MH	5.75	1*	80	1*	60
Deere	744J	5.25	1*	75	1*	60
Deere	744J HL	5.25	1*	80	1*	60
Deere	744K	5.25	1*	75	1*	60
Deere	744K-HL	5.25	1*	80	1*	60
Deere	744K-II	5.25	1*	75	1*	60
Deere	744K-II HL	5.25	1*	80	1*	60
Deere	744L	5.25	1*	75	1*	60
Deere	744L HL	5.25	1*	80	1*	60
Deere	824J	6	1*	85	1*	60
Deere	824J HL	5.25	1*	80	1*	60
Deere	824K	6	1*	85	1*	60
Deere	824K-HL	6	1*	85	1*	60
Deere	824K-II	6	1*	85	1*	60
Deere	824K-II HL	6	1*	90	1*	60
Deere	824L	6	1*	85	1*	60
Deere	824L HL	6	2*	CT	1*	60
Deere	844	6	1*	80	1*	60
Doosan	DL400	5.1	1*	70	1*	60
Doosan	DL420-5	5.5	1*	75	1*	60
Doosan	DL420-5 HL	5.5	1*	80	1*	60
Doosan	DL450	6.3	1*	85	1*	60
Doosan	DL450-3	5.88	1*	80	1*	60
Doosan	DL450-5	6.3	1*	85	1*	60
Doosan	DL450-5 HL	6.3	1*	85	1*	60
Fiatallis	FR220	5.1	1*	70	1*	60
Fiatallis	FR220-2	5	1*	70	1*	60
Fiat Hitachi	W270	5.2	1*	70	1*	60
Fiat Hitachi	FR220-2	5	1*	70	1*	60
Furukawa	FL330-I	4.3	1*	60	1*	60
Hitachi	ZW250-6	4.8	1*	65	1*	60
Hitachi	ZW250-6 HL	4.8	1*	70	1*	60
Hitachi	ZW310	5.25	1*	70	1*	60
Hitachi	ZW310 HL	4.75	1*	70	1*	60
Hitachi	ZW310-5	5.9	1*	80	1*	60
Hitachi	ZW310-5 HL	5.25	1*	80	1*	60
Hitachi	ZW310-6	5.5	1*	75	1*	60
Hitachi	ZW310-6 HL	5.5	1*	80	1*	60
Hitachi	ZW330-5	6.5	1*	90	1*	60
Hitachi	ZW330-5 HL	6	1*	90	1*	60
Hyundai	HL770	5	1*	75	1*	60
Hyundai	HL770-7	5.2	1*	70	1*	60
Hyundai	HL770XTD-7	5.2	1*	75	1*	60
Hyundai	HL770-7A	5.2	1*	70	1*	60
Hyundai	HL770XTD-7A	5.2	1*	75	1*	60

CONTINUES ON NEXT PAGE

26.5R25 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Hyundai	HL770-9	5.5	1*	75	1*	60
Hyundai	HL770XTD-9	5.5	1*	80	1*	60
Hyundai	HL770-9A	5.5	1*	75	1*	60
Hyundai	HL770XTD-9A	5.5	1*	80	1*	60
Hyundai	HL780-7A	6.7	2*	CT	1*	60
Hyundai	HL780XTD-7A	6.7	2*	CT	1*	60
Hyundai	HL780-9	7.1	2*	CT	1*	60
Hyundai	HL780XTD-9	7.1	2*	CT	1*	65
Hyundai	HL780-9A	7.1	2*	CT	1*	60
Hyundai	HL780XTD-9A	7.1	2*	CT	1*	65
Hyundai	HL970	4.7	1*	70	1*	60
Hyundai	HL970 XTD	4.7	1*	70	1*	60
Hyundai	HL980	6.3	2*	CT	1*	60
Hyundai	HL980 XTD	6.3	2*	CT	1*	60
Kawasaki	85Z	4.2	1*	60	1*	60
Kawasaki	85ZII	4.2	1*	60	1*	60
Kawasaki	85ZIII	4.3	1*	65	1*	60
Kawasaki	85ZIV	4.3	1*	60	1*	60
Kawasaki	85ZIV-2	4.75	1*	65	1*	60
Kawasaki	85ZV-2	4.8	1*	65	1*	60
Kawasaki	85Z7	4.8	1*	65	1*	60
Kawasaki	85Z7 HL	4.8	1*	70	1*	60
Kawasaki	90ZIII	5	1*	70	1*	60
Kawasaki	90ZIV	5	1*	70	1*	60
Kawasaki	90ZIV-2	5.5	1*	75	1*	60
Kawasaki	90ZV	5.2	1*	75	1*	60
Kawasaki	90ZV	4.25	1*	65	1*	60
Kawasaki	90ZV-2	5.2	1*	70	1*	60
Kawasaki	90Z7	5.5	1*	75	1*	60
Kawasaki	90Z7 HL	5.5	1*	80	1*	60
Kawasaki	90Z7B	5.5	1*	75	1*	60
Kawasaki	90Z7B HL	5.5	1*	80	1*	60
Kawasaki	92ZV-2	6	1*	85	1*	60
Kawasaki	92Z7	6.3	1*	85	1*	60
Kawasaki	92Z7 HL	6.3	2*	CT	1*	60
Kawasaki	95ZV-2	7	2*	CT	1*	65
Komatsu	WA420-1	4.75	1*	65	1*	60
Komatsu	WA420-3	6	1*	70	1*	60
Komatsu	WA430-6	4.6	1*	60	1*	60
Komatsu	WA450-2	5.5	1*	75	1*	60
Komatsu	WA450-3	6.8	1*	85	1*	60
Komatsu	WA470-6	5.5	1*	75	1*	60
Komatsu	WA470-7	5.5	1*	75	1*	60
Komatsu	WA470-8	5	1*	75	1*	60
Komatsu	WA470-8 HL	5	1*	75	1*	60
Komatsu	WA480-6	6	1*	80	1*	60
Komatsu	WA480-8	6	1*	85	1*	60
Komatsu Dresser	542	4.75	1*	65	1*	60
Komatsu Dresser	545	5.5	1*	80	1*	60
Komatsu Dresser	550	5.25	1*	75	1*	60
Liebherr	L566	5.2	1*	70	1*	60
Liebherr	L566 HL	4.6	1*	70	1*	60
Liebherr	L566 XP	5.5	1*	80	1*	60
Liebherr	L576	6.15	1*	85	1*	60
Liebherr	L576 HL	5.5	1*	80	1*	60
Liebherr	L580	6.5	1*	85	1*	60
Liebherr	L580 HL	5.9	1*	80	1*	60
Liebherr	L580 XP	6.8	2*	CT	1*	60
Terex	80C	5.5	1*	80	1*	60
Volvo	L150C	5.2	1*	70	1*	60
Volvo	L150D	5.2	1*	75	1*	60
Volvo	L150F	5.8	1*	80	1*	60
Volvo	L150G	6.8	1*	90	1*	60
Volvo	L150H	5.25	1*	75	1*	60
Volvo	L180	5.5	1*	75	1*	60
Volvo	L180C	6	1*	80	1*	60
Volvo	L180D	6.3	1*	85	1*	60
Volvo	L180F	6.3	1*	85	1*	60
Volvo	L180G	7.6	2*	CT	1*	60
Volvo	L180H	5.75	1*	85	1*	60
Volvo	L190	5.2	1*	80	1*	60
Volvo	L190B	5.2	1*	80	1*	60

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

29.5R25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	980C	6.75	1*	80	1*	60
Caterpillar	980F	7	1*	80	1*	60
Caterpillar	980F-II	7	1*	80	1*	60
Caterpillar	980G	7	1*	85	1*	60
Caterpillar	980H	7.5	1*	85	1*	60
Caterpillar	980K	7.5	1*	85	1*	60
Caterpillar	980M	7.5	1*	80	1*	60
Case	1221E	9.2	1*	60	1*	60
Case	1221E XR	9.2	1*	60	1*	60
Deere	744J	5.25	1*	60	1*	60
Deere	744J HL	5.25	1*	65	1*	60
Deere	824J	6	1*	70	1*	60
Deere	824J HL	5.25	1*	70	1*	60
Deere	824K	6	1*	70	1*	60
Deere	824K HL	6	1*	75	1*	60
Deere	824K-II	6	1*	70	1*	60
Deere	824K-II HL	6	1*	75	1*	60
Deere	844J	7.25	1*	85	1*	60
Deere	844K	7.25	1*	85	1*	60
Deere	844K-II	7.25	1*	85	1*	60
Deere	844K-III	7.25	1*	85	1*	60
Deere	844L	7.25	1*	85	1*	60
Doosan	DL500	6.8	1*	80	1*	60
Doosan	DL550-5	7.5	1*	85	1*	60
Doosan	DL550-5 HL	7.5	2*	CT	1*	60
Furukawa	FL460	6	1*	75	1*	60
Hitachi	ZW370-5	8.1	2*	CT	1*	60
Hitachi	ZW370-5 HL	7.3	2*	CT	1*	60
Hitachi	ZW370-6	7.3	1*	85	1*	60
Hitachi	ZW370-6 HL	7.3	2*	CT	1*	60
Hyundai	HL780-7A	6.7	1*	75	1*	60
Hyundai	HL780XTD-7A	6.7	1*	80	1*	60
Hyundai	HL780-9	7.1	1*	80	1*	60
Hyundai	HL780XTD-9	7.1	1*	85	1*	60
Hyundai	HL780-9A	7.1	1*	80	1*	60
Hyundai	HL780XTD-9A	7.1	1*	85	1*	60
Hyundai	HL980	6.3	1*	75	1*	60
Hyundai	HL980 XTD	6.3	1*	80	1*	60
Kawasaki	95Z	6	1*	70	1*	60
Kawasaki	95ZII	6	1*	70	1*	60
Kawasaki	95ZIII	6.5	1*	80	1*	60
Kawasaki	95ZIV	6.5	1*	75	1*	60
Kawasaki	95ZIV-2	7.25	1*	80	1*	60
Kawasaki	95ZIV-3	7.25	1*	80	1*	60
Kawasaki	95ZV-2	7	1*	80	1*	60
Kawasaki	95Z7	7.3	1*	90	1*	60
Kawasaki	95Z7 HL	7.3	2*	CT	1*	60
Komatsu	WA500-1	6	1*	75	1*	60
Komatsu	WA500-3	7.2	1*	80	1*	60
Komatsu	WA500-6	7.3	1*	85	1*	60
Komatsu	WA500-7	7.3	1*	85	1*	60
Komatsu	WA500-7 HL	5.9	1*	80	1*	60
Komatsu	WA500-7 SM	5.25	1*	80	1*	60
Komatsu	WA500-8	7.6	1*	90	1*	60
Komatsu	WA500-8 HL	5.9	1*	80	1*	60
Komatsu Dresser	555	6	1*	80	1*	60
Komatsu Dresser	558	6	1*	75	1*	60
Liebherr	L586	7.85	1*	90	1*	60
Liebherr	L586 HL	7.2	1*	85	1*	60
Liebherr	L586XP	7.8	2*	CT	1*	60
Volvo	L190	5.2	1*	65	1*	60
Volvo	L190B	5.2	1*	65	1*	60
Volvo	L220D	7	1*	75	1*	60
Volvo	L220E	7.1	1*	85	1*	60
Volvo	L220F	6.3	1*	80	1*	60
Volvo	L220F	7.8	1*	90	1*	60
Volvo	L220G	8.2	2*	CT	1*	60
Volvo	L220H	6.8	1*	80	1*	60
Volvo	L260H	8.4	2*	CT	1*	60
Volvo	L260H HL	7.2	1*	85	1*	60

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

750/65R25 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	950K	4	1*	60	1*	60
Caterpillar	950M	4.5	1*	65	1*	60
Caterpillar	962K	4.5	1*	65	1*	60
Caterpillar	962M	4.7	1*	65	1*	60
Caterpillar	966H	4.75	1*	65	1*	60
Caterpillar	972H	5.5	1*	75	1*	60
Deere	644K	4.25	1*	60	1*	60
Deere	644K-HL	4.25	1*	60	1*	60
Deere	724J	4.75	1*	60	1*	60
Deere	724J-HL	4.25	1*	60	1*	60
Deere	724K	4.75	1*	60	1*	60
Deere	724K-HL	4.75	1*	65	1*	60
Hitachi	ZW250-6	4.8	1*	65	1*	60
Hitachi	ZW250-6 HL	4.8	1*	65	1*	60
Hitachi	ZW310-6	5.5	1*	70	1*	60
Hitachi	ZW310-6 HL	5.5	1*	75	1*	60
Kawasaki	85Z7	4.8	1*	65	1*	60
Kawasaki	85Z7 HL	4.8	1*	65	1*	60
Kawasaki	90Z7	5.5	1*	75	1*	60
Kawasaki	90Z7 HL	5.5	1*	80	1*	60
Kawasaki	90Z7B	5.5	1*	70	1*	60
Kawasaki	90Z7B HL	5.5	1*	75	1*	60
Kawasaki	92Z7	6.3	1*	85	1*	60
Kawasaki	92Z7 HL	6.3	2*	CT	1*	60
Liebherr	L550	4.2	1*	60	1*	60
Liebherr	L550 HL	3.4	1*	60	1*	60
Liebherr	L550XP	4.2	1*	60	1*	60
Liebherr	L550XP HL	3.4	1*	60	1*	60
Liebherr	L556	4.7	1*	60	1*	60
Liebherr	L556 HL	3.7	1*	60	1*	60
Liebherr	L556XP	4.7	1*	60	1*	60
Liebherr	L556XP HL	3.7	1*	60	1*	60
Volvo	L110H	4	1*	60	1*	60
Volvo	L120H	4.25	1*	60	1*	60

875/65R29 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	982M	8	1*	75	1*	60
Deere	844K-II	7.25	1*	70	1*	60
Deere	844K-III	7.25	1*	70	1*	60
Deere	844L	7.25	1*	70	1*	60
Kawasaki	95Z7 Xtreme	7.7	1*	75	1*	60
Volvo	L220H	6.8	1*	65	1*	60
Volvo	L260H	8.4	1*	75	1*	60
Volvo	L260H HL	7.2	1*	75	1*	60

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

35/65R33 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

PIT LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	986H	6.12	1*	80	1*	65
Caterpillar	986H HL	5.35	1*	80	1*	65
Caterpillar	986K	6.8	1*	85	1*	65
Caterpillar	986K HL	5.8	1*	85	1*	65
Caterpillar	988B	8.25	2*	100	1*	65
Caterpillar	988F	7.75	2*	100	1*	65
Caterpillar	988G	8	2*	110	1*	70
Caterpillar	988H	8.2	2*	110	1*	70
Caterpillar	988H	8.33	2*	110	1*	70
Caterpillar	988H	9.2	CT	CT	2*	75
Caterpillar	988H HL	8.33	2*	110	1*	70
Caterpillar	988K	8.4	2*	110	1*	70
Caterpillar	988K HL	8.4	CT	CT	1*	75
Caterpillar	988K Steel Mill	5.5	1*	80	1*	65
Caterpillar	988K Steel Mill	6.5	1*	80	1*	65
Caterpillar	988K XE	9.2	CT	CT	2*	80
Deere	944K	10	CT	CT	2*	80
Deere	944K HL	10	CT	CT	2*	80
Hitachi	ZW550-5	8.9	2*	105	1*	65
Hitachi	ZW550-5 HL	7.3	2*	100	1*	65
Hitachi	ZW550-6	8.2	2*	100	1*	65
Hitachi	ZW550-6 HL	9	2*	110	1*	70
Kawasaki	110Z	7.5	2*	90	1*	65
Kawasaki	110ZII	7.5	2*	90	1*	65
Kawasaki	115ZIII	7.5	2*	90	1*	65
Kawasaki	115ZIV	7.5	2*	95	1*	65
Kawasaki	115ZIV-2	8.25	2*	105	1*	65
Kawasaki	115ZV	7.5	2*	95	1*	65
Kawasaki	115ZV-2	8.3	2*	100	1*	65
Kawasaki	115ZV-2 HL	6.5	1*	90	1*	65
Kawasaki	115Z7	8.3	2*	100	1*	65
Kawasaki	115Z7 HL	9	2*	110	1*	70
Kawasaki	115Z7 Xtreme	9.15	2*	105	1*	70
Komatsu	WA600-1	7.1	1*	85	1*	65
Komatsu	WA600-3	8	2*	95	1*	65
Komatsu	WA600-6	8.4	2*	110	1*	70
Komatsu	WA600-6	9.5	CT	CT	2*	75
Komatsu	WA600-8	8.4	2*	110	1*	70
Komatsu Dresser	568	7.5	2*	90	1*	65
O&K	7500	7	1*	90	1*	65
Sandvik	LH621-10	10.5	CT	CT	1*	75
Terex	90C	8.5	2*	100	1*	65
Volvo	L320	8	2*	100	1*	65

YARD LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	986H	6.12	1*	70	1*	65
Caterpillar	986H HL	5.35	1*	70	1*	65
Caterpillar	986K	6.8	1*	75	1*	65
Caterpillar	986K HL	5.8	1*	75	1*	65
Caterpillar	988B	8.25	1*	90	1*	65
Caterpillar	988F	7.75	1*	85	1*	65
Caterpillar	988G	8	2*	95	1*	65
Caterpillar	988H	8.2	2*	95	1*	65
Caterpillar	988H	8.33	2*	95	1*	65
Caterpillar	988H	9.2	2*	100	1*	65
Caterpillar	988H HL	8.33	2*	95	1*	65
Caterpillar	988K	8.4	2*	95	1*	65
Caterpillar	988K HL	8.4	2*	100	1*	65
Caterpillar	988K Steel Mill	5.5	1*	80	1*	65
Caterpillar	988K Steel Mill	6.5	1*	80	1*	65
Caterpillar	988K XE	9.2	2*	105	1*	65
Deere	944K	10	2*	100	1*	65
Deere	944K HL	10	2*	105	1*	70
Hitachi	ZW550-5	8.9	1*	90	1*	65
Hitachi	ZW550-5 HL	7.3	1*	85	1*	65
Hitachi	ZW550-6	8.2	1*	85	1*	65
Hitachi	ZW550-6 HL	9	2*	95	1*	65
Kawasaki	110Z	7.5	1*	80	1*	65
Kawasaki	110ZII	7.5	1*	80	1*	65
Kawasaki	115ZIII	7.5	1*	80	1*	65
Kawasaki	115ZIV	7.5	1*	85	1*	65
Kawasaki	115ZIV-2	8.25	1*	90	1*	65
Kawasaki	115ZV	7.5	1*	85	1*	65
Kawasaki	115ZV-2	8.3	1*	90	1*	65
Kawasaki	115ZV-2 HL	6.5	1*	80	1*	65
Kawasaki	115Z7	8.3	1*	85	1*	65
Kawasaki	115Z7 HL	9	2*	95	1*	65
Kawasaki	115Z7 Xtreme	9.15	1*	90	1*	65
Komatsu	WA600-1	7.1	1*	75	1*	65
Komatsu	WA600-3	8	1*	80	1*	65
Komatsu	WA600-6	8.4	2*	95	1*	65
Komatsu	WA600-6	9.5	2*	100	1*	65
Komatsu	WA600-8	8.4	2*	95	1*	65
Komatsu Dresser	568	7.5	1*	80	1*	65
O&K	7500	7	1*	80	1*	65
Sandvik	LH621-10	10.5	CT	CT	1*	75
Terex	90C	8.5	1*	85	1*	65
Volvo	L320	8	1*	85	1*	65

CONTINUES ON NEXT PAGE

35/65R33 LOADER USAGE CHART CONTINUED

For Standard Loader Service: <250 ft, < 5 mph

PIT LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Volvo	L330C	8.6	2*	105	1*	70
Volvo	L330D	8.6	2*	105	1*	70
Volvo	L330E	8.6	2*	105	1*	70
Volvo	L350F	10.1	CT	CT	2*	80
Volvo	L350H	9.5	2*	110	1*	70
Volvo	L350H HL	9.5	CT	CT	1*	75

YARD LOADER APPLICATION

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Volvo	L330C	8.6	2*	90	1*	65
Volvo	L330D	8.6	2*	90	1*	65
Volvo	L330E	8.6	2*	95	1*	65
Volvo	L350F	10.1	2*	100	1*	65
Volvo	L350H	9.5	2*	95	1*	65
Volvo	L350H HL	9.5	2*	100	1*	65

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

45/65R45 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	992B	10	1*	75	1*	65
Caterpillar	992C	12.5	2*	100	1*	65
Caterpillar	992C HL	12.5	2*	105	1*	70
Caterpillar	992D	14	2*	105	1*	65
Caterpillar	992D HL	12	2*	100	1*	65
Caterpillar	992G	15	2*	110	1*	70
Caterpillar	992G HL	15	CT	CT	1*	75
Caterpillar	992K	14	2*	110	1*	70
Caterpillar	992K HL	14	2*	105	1*	65
Komatsu	WA800-2	13.7	2*	100	1*	65
Komatsu	WA800-3	14.4	2*	105	1*	70
Komatsu	WA900-3	17	CT	CT	2*	85
Komatsu	WA900-3 HL	15	CT	CT	2*	80
Komatsu	WA900-8	17	CT	CT	2*	85
Komatsu	WA900-8 HL	15	CT	CT	2*	80
LeTourneau	L-950-2	18	2*	105	1*	70
LeTourneau	L-950-2 HL	16	2*	105	1*	65
LeTourneau	L1000	17	CT	CT	2*	75

50/65R51 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	993K	17	CT	CT	1*	75
Caterpillar	993K HL	17	CT	CT	2*	80
Caterpillar	993K HL	19	CT	CT	2*	85
Letourneau	L-1100	22	CT	CT	1*	75
Letourneau	L-1100 HL	20	2*	110	1*	70
Letourneau (P&H)	L-1150-2	25	CT	CT	2*	80
Letourneau (P&H)	L-1150-2 HL	23	CT	CT	2*	80

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

58/80R63 LOADER USAGE CHART

For Standard Loader Service: <250 ft, < 5 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	994F STD (Tier 1)	25	2*	110	2*	80
Caterpillar	994F HL (Tier 1)	22.5	2*	110	2*	80
Caterpillar	994F EHL (Tier 1)	22.5	2*	115	2*	80
Caterpillar	994F SHL (Tier 1)	22.5	2*	115	2*	80
Caterpillar	994H STD	25	2*	105	2*	80
Caterpillar	994H HL	22.5	2*	110	2*	80
Caterpillar	994H EHL	22.5	2*	115	2*	80
Caterpillar	994H SHL	22.5	2*	120	2*	80
Caterpillar	994K	25	2*	120	2*	80
Caterpillar	994K HL	22.5	2*	120	2*	80
Komatsu	WA1200-3	26.2	2*	110	2*	80
Komatsu	WA1200-3 HL	23.5	2*	110	2*	80
Komatsu	WA1200-6 Rock	26.2	2*	115	2*	80
Komatsu	WA1200-6 Coal	45.8	2*	115	2*	80
Komatsu	WA1200-6 HL Rock	23.5	2*	115	2*	80
Komatsu	WA1200-6 HL Coal	45.8	2*	115	2*	80
Letourneau (P&H)	L-1850 STD	40	2*	120	2*	80
Letourneau (P&H)	L-1850 HL	30	2*	120	2*	80

For service under chains, or load and carry operations, contact Titan Technical Services.

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
HL - High Lift, extended booms, etc.

RADIAL RIGID DUMP TRUCK

18.00R33 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Astra	RD 40C	44	2*	115	2*	115
Caterpillar	769B	35	2*	95	2*	90
Caterpillar	769C	40	2*	110	2*	110
Caterpillar	769D	35	2*	110	2*	110
Caterpillar	770	40	CT	CT	2*	115
Caterpillar	770F	49	2*	115	2*	115
Caterpillar	770G	50	2*	115	2*	CT
Caterpillar	771C Quarry	44	CT	CT	CT	CT
Caterpillar	771D	45	CT	CT	CT	CT
Euclid	R35	35	2*	105	2*	105
Euclid	R36	40	2*	95	2*	100
Euclid	R40	42	2*	110	2*	110
Euclid	R40C	42	2*	115	2*	115
Hitachi	EH650	40	2*	95	2*	100
Hitachi	EH700	42	2*	115	2*	115
Hitachi	EH750	43	CT	CT	CT	CT
Hitachi	EH750-3	46	CT	CT	CT	CT
Komatsu	HD325-3	35	2*	85	2*	95
Komatsu	HD325-5	35	2*	85	2*	95
Komatsu	HD325-6 Quarry	44	2*	115	CT	CT
Komatsu	HD325-6 4WD	35	2*	100	2*	100
Komatsu	HD325-6	44	2*	105	2*	115
Komatsu	HD325-7	40	2*	110	2*	115
Komatsu	HD325-8	40	2*	CT	2*	115
Komatsu	HD405-7	45	CT	CT	CT	CT
Komatsu Haulpak	140M	40	2*	110	2*	110
Perlini	DP 405 WD	44	2*	115	2*	115
Terex	3340	40	CT	CT	2*	115

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

24.00R35 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	773	50	2*	75	2*	70
Caterpillar	773B	58	2*	85	2*	85
Caterpillar	773D	50	2*	85	2*	85
Caterpillar	773E	60	2*	90	2*	90
Caterpillar	773F	60	2*	100	2*	90
Caterpillar	773G	54	2*	85	2*	85
Caterpillar	773G-4T	69	2*	105	2*	95
Caterpillar	775B Quarry	65	2*	95	2*	95
Caterpillar	775D	65	2*	95	2*	105
Caterpillar	775E	70	2*	95	2*	110
Caterpillar	775F	70	2*	105	2*	105
Caterpillar	775G	70	2*	110	2*	105
Caterpillar	775G-4T	79	2*	110	2*	105
Dart	2085	85	1*	65	2*	75
Hitachi	EH1000	66	2*	95	2*	95
Hitachi	EH1100	72	2*	100	2*	105
Hitachi	EH1100-3	72	2*	100	2*	110
Hitachi	EH1100-5	70	2*	105	2*	105
Euclid	R50	58	2*	80	2*	80
Euclid	R60	63	2*	85	2*	90
Euclid	R60C	66	2*	105	2*	90
Euclid	R65	69	2*	95	2*	95
Euclid	R65C	71	2*	100	2*	105
Euclid	R75	75	2*	110	2*	105
Komatsu	HD465-3	51	2*	70	2*	75
Komatsu	HD465-5	61	2*	75	2*	80
Komatsu	HD465-5 Quarry	66	2*	95	2*	105
Komatsu	HD465-7	61	2*	90	2*	95
Komatsu	HD465-8	61	2*	115	2*	110
Komatsu	HD605-7	70	2*	100	2*	110
Komatsu	HD605-8	69	2*	110	2*	110
Komatsu-Haulpak	210M	60	2*	85	2*	85
Perlini	DP705 WD	72	2*	105	2*	105
Terex	3308E	55	2*	80	2*	80
Terex	3309	55	2*	90	2*	90
Terex	3310E	66	2*	100	2*	100
Terex	TR60	60	2*	90	2*	85
Terex	TR70	72	2*	110	2*	105

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

27.00R49 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	777	85	2*	80	2*	85
Caterpillar	777B	95	2*	90	2*	95
Caterpillar	777C	95	2*	95	2*	95
Caterpillar	777D	100	2*	105	2*	105
Caterpillar	777E	108	2*	95	2*	115
Caterpillar	777F	100	2*	105	2*	105
Caterpillar	777G	100	2*	110	2*	110
Dart	3100B	100	2*	105	2*	110
Euclid	R85B	85	2*	90	2*	95
Euclid	R90	96	2*	95	2*	95
Euclid	R90C	100	2*	100	2*	100
Euclid	R100	100	2*	100	2*	105
Hitachi	EH1600	99	2*	105	2*	105
Hitachi	EH1700	108	2*	110	2*	115
Hitachi	EH1700-3	100	2*	105	2*	105
Komatsu	HD785-1	86	2*	80	2*	85
Komatsu	HD785-3	86	2*	85	2*	90
Komatsu	HD785-3	100	2*	90	2*	100
Komatsu	HD785-5	106	2*	110	2*	110
Komatsu	HD785-7	100	2*	100	2*	110
Komatsu	HD785-8	100	2*	110	2*	110
Komatsu Haulpak	325M	95	2*	95	2*	95
Komatsu Haulpak	330M	100	2*	100	2*	105
Kress	CH160	160	2*	105	2*	105
Kress	CH180	180	2*	CT	2*	CT
Liebherr	T236	110	CT	CT	2*	CT
Perlini	DP905	105	2*	100	2*	105
Rimpull	RD100	100	2*	95	2*	100
Rimpull	RD100C	100	2*	95	2*	105
Terex	3311C	85	2*	80	2*	80
Terex	3311D	77	2*	95	2*	80
Terex	3311E	94	2*	100	2*	90
Terex	TR100	100	2*	105	2*	100
Terex	TR100 (HR)	94	2*	105	2*	100
Terex	TR100 DD	100	2*	105	2*	100
Unit Rig	Dart 3100	100	2*	100	2*	105
Unit Rig	Dart 4160	160	1*	65	2*	95
Unit Rig	M85	85	2*	80	2*	80
Unit Rig	M100	100	2*	95	2*	95
Unit Rig	M120-15	120	2*	115	2*	115
Unit Rig	Mark 24	85	2*	95	2*	80

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

33.00R51 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Belaz	75131	150	2*	110	2*	110
Belaz	75137NA	150	2*	110	2*	110
Caterpillar	785	155	2*	105	2*	105
Caterpillar	785B	155	2*	105	2*	105
Caterpillar	785C	150	2*	110	2*	115
Caterpillar	785D	157	2*	115	2*	115
Caterpillar	785G	157	2*	110	2*	115
Euclid	R120E	120	2*	75	2*	80
Euclid	R130	152	2*	95	2*	95
Euclid	R130B	146	2*	100	2*	100
Euclid	R130M	130	2*	80	2*	85
Euclid	R150	150	2*	105	2*	105
Komatsu Haulpak	510E	150	2*	105	2*	105
Komatsu Haulpak	530M	165	2*	110	2*	115
Komatsu	HD1500-7	159	2*	110	2*	115
Terex	MT3300	150	2*	110	2*	110
Terex	MT3300AC	150	2*	115	2*	115
Terex	MT3314B	125	2*	85	2*	85

37.00R57 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
CAT	789C	195	2*	105	2*	110
CAT	789D	200	2*	110	2*	110
Euclid	R190	190	2*	90	2*	95
Hitachi	EH3500AC11	185	2*	95	2*	110
Hitachi	EH3500AC-3	200	2*	105	2*	110
Komatsu	730E	203	2*	110	2*	110
Komatsu	730E-8	200	2*	115	2*	110
Terex	MT 3700	205	2*	110	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

40.00R57 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Belaz	75302NA	243	2*	110	2*	110
Belaz	75310	265	CT	CT	CT	CT
Caterpillar	789D	200	2*	90	2*	90
Caterpillar	793C	250	2*	110	2*	115
Caterpillar	793D	240	2*	110	2*	115
Caterpillar	793F	247	NR	NR	NR	NR
Caterpillar	793F SLWS	250	NR	NR	NR	NR
Caterpillar	793F XLWS	247	NR	NR	NR	NR
Hitachi	EH3500AC-II	185	2*	80	2*	90
Hitachi	EH3500AC-3	200	2*	90	2*	90
Hitachi	EH4000AC-II	250	2*	105	2*	105
Hitachi	EH4000AC-3	250	2*	105	2*	105
Komatsu	730E-8	200	2*	95	2*	90
Komatsu	830E	244	2*	110	2*	115
Komatsu	830E-AC	244	2*	110	2*	115
Liebherr	T264	244	2*	110	2*	115
Terex	MT 3700	205	2*	90	2*	95
Terex	MT 4400	260	2*	115	2*	115

46/90R57 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Belaz	75302NA	243	2*	100	2*	105
Belaz	75310	265	2*	110	2*	115
CAT	793F	250	2*	105	2*	105
Caterpillar	793F SLWS	250	2*	105	2*	110
Caterpillar	793F XLWS	247	2*	105	2*	110
Hitachi	EH4000AC-2	243	2*	105	2*	105
Hitachi	EH4000AC-3	250	2*	100	2*	100
Komatsu	830E-AC	244	2*	105	2*	110
Liebherr	T264	251	2*	110	2*	110
Terex	MT 3700	205	2*	85	2*	90
Terex	MT 4400	260	2*	110	2*	110
Terex	MT 4400AC	260	2*	110	2*	110

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

50/80R57 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Bucyrus	MT4400 AC	240	2*	90	2*	90
Caterpillar	793F	250	2*	90	2*	90
Caterpillar	793F XLWS	247	2*	90	2*	90
Hitachi	EH4500-2	282	2*	105	2*	100
Komatsu	830E-5	250	2*	95	2*	95
Komatsu	860E-1K	280	2*	110	2*	110
Liebherr	T264	265	2*	95	2*	100
Liebherr	T272	320	2*	105	2*	105

53/80R63 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	MT5300AC	320	2*	110	2*	115
Caterpillar	794 AC	320	2*	110	2*	115
Hitachi	EH5000AC-II	320	2*	105	2*	105
Hitachi	EH5000AC-3	326	2*	105	2*	105
Komatsu	930E-2	320	2*	110	2*	105
Komatsu	930E-3	320	2*	105	2*	105
Komatsu	930E-4	320	2*	105	2*	105
Komatsu	930E-4SE	320	2*	105	2*	110
Komatsu	930E-5	320	2*	110	2*	115

56/80R63 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Belaz	75600	350	2*	100	2*	105
Cat	795 AC	345	2*	105	2*	105
Komatsu	960E-1	360	2*	105	2*	105
Komatsu	960E-1K	360	2*	105	2*	105
Komatsu	960E-2	360	2*	105	2*	105
Komatsu	960E-2K	360	2*	105	2*	105
Liebherr	T282C	400	2*	110	2*	110
Liebherr	T284	400	2*	110	2*	110
Terex	MT 5500	360	2*	100	2*	100

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

59/80R63 RIGID DUMP TRUCK USAGE CHART

For Standard Earthmover Service: <2.5 mile, < 30 mph

Manufacturer	Model	Bucket (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Belaz	75600	350	2*	95	2*	95
Belaz	75601	400	2*	105	2*	105
Belaz	75710	500	2*	105	2*	105
Belaz	75710	515	2*	110	2*	110
CAT	795F AC	345	2*	95	2*	100
Cat	797F	400	2*	110	2*	110
Caterpillar	798 AC	410	2*	110	2*	110
Komatsu	980E-4	407	2*	110	2*	110
Liebherr	T282C	400	2*	105	2*	105
Liebherr	T284	400	2*	105	2*	105
Terex	MT 5500	360	2*	90	2*	90
Terex	MT 6300	400	2*	105	2*	105

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

RADIAL TOWED SCRAPER

17.5R25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	1410E	14	4	2*	70
Deere	1510DC	15	4	2*	70
Deere	1814DC	18	6	2*	55
Deere	2014DE	20	6	2*	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

20.5R25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	110TS2	11.3	2	2*	75
Ashland	110XL2	11.3	2	CT	CT
Ashland	130TS2	13.3	2	CT	CT
Ashland	220TS4	22	4	CT	CT
Ashland	1410E	14	2	CT	CT
Ashland	2012CS	20	4	2*	75
Ashland	2014CS	20	6	1*	45
Deere	1510DC	15	4	1*	50
Deere	1612DE	16	4	2*	60
Deere	1810DC	18	4	2*	60
Deere	1812DC	18	4	2*	60
Deere	1814DC	18	6	1*	40
Deere	2010DE	20	4	2*	75
Deere	2014DE	20	6	1*	45

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

23.5R25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	140TS2	14	2	CT	CT
Ashland	140TS2 LGP	14	2	CT	CT
Caterpillar	TS185	19	4	1*	50
Deere	2112DC	21.5	6	1*	40
Deere	2412DE	24	4	2*	70
K-Tec	1228	28	4	2*	70
K-Tec	1228 ADT	28	4	2*	65
K-Tec	1233	33	4	CT	CT
K-Tec	1236	36	4	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

26.5R25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Caterpillar	TS185	19	4	1*	40
Caterpillar	TS225	23.5	4	1*	45
Deere	2112DC (1)	21.5	4	2*	65
Deere	2112DC (2)	21.5	4	1*	45
Deere	2412DE (1)	24	4	2*	75
Deere	2412DE (2)	24	4	1*	55
K-Tec	1233	33	4	2*	65
K-Tec	1237 ADT	40.5	4	CT	CT
K-Tec	1243 ADT	43	4	1*	55

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services
(1) - Front scraper used in train
(2) - Rear scraper used in train, or single scraper

29.5R25 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Ashland	155TS2	15.5	2	1*	50
Ashland	215TS2	21.5	2	2*	70
Caterpillar	TS180	18.8	2	2*	60
Deere	2010D E	20	2	2*	65
K-Tec	1243 ADT	43	4	1*	40
K-Tec	1263 ADT	63	4	2*	60

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

875/65R29 TOWED SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Tires Per Axel	Tire Min. Ply Rating	Tire Min. Inflation (psi)
Caterpillar	TS180	18.8	2	2*	55
Caterpillar	TS220	23.5	2	2*	65
Deere	2412DE	24	2	CT	CT

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

RADIAL TRACTOR SCRAPER

23.5R25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	613B	11	1*	50	1*	50
Caterpillar	613C	11	1*	50	1*	50
Caterpillar	613C II	11	1*	50	1*	55
Caterpillar	613G	11	2*	60	1*	55
Deere	762	11	1*	55	1*	55
Deere	762A	11	2*	60	1*	55
Deere	762B	11	2*	60	1*	55
Deere	762B II	14	2*	60	1*	55
Komatsu Dresser	412	11	1*	50	1*	55
Komatsu Dresser	412B	11	1*	55	1*	55

26.5R25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	611	15	2*	65	2*	65
Caterpillar	611C II	15	CT	CT	2*	65
Caterpillar	615	16	2*	70	2*	60
Caterpillar	615C	16	2*	70	2*	60
Caterpillar	615C II	17	2*	75	2*	70
Deere	860	15	2*	55	2*	60
Deere	860A Std	15	2*	60	2*	60
Deere	860A HD	15	2*	65	2*	60
Deere	862	16	2*	65	2*	65
Deere	862B	16	2*	65	2*	65
Fiat Allis	161	15	2*	60	2*	60

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

29.5R25 TRACTOR SCRAPER USAGE CHART

For Standard Scraper Service: <2.5 mile, < 30 mph

Manufacturer	Model	Payload (cu. yd.)	Front Minimum Ply Rating	Front Minimum Inflation (psi)	Rear Minimum Ply Rating	Rear Minimum Inflation (psi)
Caterpillar	611	15	1*	55	1*	50
Caterpillar	611C II	15	1*	55	1*	50
Caterpillar	615	16	1*	55	1*	50
Caterpillar	615C	16	1*	55	1*	50
Caterpillar	615C II	17	2*	60	1*	55
Deere	862 w/ Kress bowl	18	1*	55	1*	55
Deere	862 w/ Kress bowl	20	2*	60	2*	60
Deere	862B	16	1*	50	1*	50
Fiat Allis	161	15	1*	45	1*	45
Terex	TS14B	20	2*	65	2*	60
Terex	TS14C	20	2*	65	2*	60
Terex	TS14G	20	2*	70	2*	65

Pressure and ply recommendations based on normal quarry operations with standard equipment. For different applications, or modified equipment, please contact OTR Field Engineering for a specific recommendation. Tire damage or failure caused by improper load, ply, speed or inflation practices is not covered by the Titan Tire Warranty Policy.

CT - Contact Titan Technical services

INDUSTRIAL VEHICLE

OFF THE ROAD TIRE LOADS - USE ON INDUSTRIAL VEHICLES

Tire Size	Ply Rating	Inflation Pressure psi (kPa)	Loads in lbs (kg) at Various Speeds						
			Stationary	Creep	2.5 mph (4 km/h)	5 mph (10 km/h)	10 mph (10 km/h)	12.5 (20 km/h)	15 mph (25 km/h)
14.00-24/25	24	128 (850)	33,500 (15,200)	27,300 (12,400)	24,000 (10,900)	20,900 (9,500)	19,400 (8,800)	18,500 (8,400)	17,900 (8,100)
	28	134 (925)	35,300 (16,000)	28,700 (13,000)	25,400 (11,500)	22,000 (10,000)	20,500 (9,300)	19400 (8,800)	18,700 (8,500)
16.00-25	32	127 (875)	44,100 (20,000)	35,900 (16,300)	31,700 (14,400)	27,600 (12,500)	25,600 (11,600)	24,300 (11,000)	23,400 (10,600)
18.00-25	40	138 (950)	60,000 (27,200)	48,700 (22,100)	43,200 (19,600)	37,500 (17,000)	34,800 (15,800)	33,100 (15,000)	32,000 (14,500)
18.00-33	40	138 (950)	70,500 (32,000)	57,300 (26,000)	50,700 (23,000)	44,000 (20,000)	41,000 (18,600)	38,800 (17,600)	37,500 (17,000)
21.00-25	40	120 (825)	72,800 (33,000)	59,100 (26,800)	52,200 (23,700)	45,400 (20,600)	42,300 (19,200)	39,900 (18,100)	38,600 (17,500)
21.00-35	36	109 (750)	81,100 (36,800)	65,900 (29,900)	58,300 (26,400)	50,700 (23,000)	47,200 (21,400)	44,600 (20,200)	43,100 (19,600)
	42	123 (850)	85,800 (38,900)	69,700 (31,600)	61,500 (27,900)	53,600 (24,300)	49,800 (22,600)	47,200 (21,400)	45,600 (20,700)

INDUSTRIAL VEHICLE FOR USE ON SMOOTH FLOORS AND RUNWAYS ONLY

Tire Size	Ply Rating	Inflation Pressure psi (kPa)	Loads in lbs (kg) at Various Speeds						
			Stationary	Creep	2.5 mph (4 km/h)	5 mph (10 km/h)	10 mph (10 km/h)	12.5 (20 km/h)	15 mph (25 km/h)
14.00-24/25	24	145 (1,000)	36,700 (16,700)	32,600 (14,800)	29,600 (13,400)	27,600 (12,500)	26,500 (12,000)	25,800 (11,700)	25,600 (11,600)
	28	145 (1,000)	36,700 (16,700)	32,600 (14,800)	29,600 (13,400)	27,600 (12,500)	26,500 (12,000)	25800 (11,700)	25,600 (11,600)
16.00-25	32	145 (1,000)	49,700 (22,500)	44,200 (20,000)	40,000 (18,100)	37,300 (16,900)	35,900 (16,300)	35,100 (15,900)	34,500 (15,600)
18.00-25	40	145 (1,000)	63,500 (28,800)	56,500 (25,600)	51,200 (23,200)	47,600 (21,600)	45,900 (20,800)	44,800 (20,300)	44,100 (20,000)
18.00-33	40	145 (1,000)	73,400 (33,000)	65,300 (29,600)	59,200 (26,800)	55,100 (25,000)	53,100 (24,100)	51,800 (23,500)	50,900 (23,100)
21.00-25	40	145 (1,000)	81,800 (37,100)	72,600 (33,000)	65,800 (29,900)	61,300 (27,800)	59,100 (26,800)	57,800 (26,200)	56,900 (25,800)
21.00-35	36	131 (900)	91,300 (41,400)	81,100 (36,800)	73,500 (33,400)	68,400 (31,100)	65,900 (29,900)	64,400 (29,200)	63,400 (28,800)
	42	145 (1,000)	96,300 (43,700)	85,800 (38,900)	77,700 (35,200)	72,300 (32,800)	69,700 (31,600)	68,100 (30,900)	67,000 (30,400)

IMPORTANT: Loads shown in the above table are for the tire only. The rim manufacturer must be consulted to determine the suitability of the rim/wheel for the intended service. Industrial vehicles consist of vehicles such as counterbalanced lift trucks, container handlers, straddle carriers, aircraft tow tractors, pavers, mobile crushers, log stackers, and rough terrain fork lifts.

Creep is defined as movement at very slow speed, not over 200 ft (60 m) in 30 minutes. During creep motion loads on tires are very high. Consideration must be given to the type of surface over which the equipment is traveling.

Smooth floors and runways are defined as paved or protected surfaces which are free of undulations, obstructions, or discontinuities.

OTHER INFLATION TABLES

LOADS FOR E-7 TIRES IN PAVING SERVICE

14.00-20DT											
Inflation	kPA (psi)	75 (11)	100 (15)	125 (18)	150 (22)	175 (25)	200 (29)	240 (35)	250 (36)	275 (40)	300 (44)
Load	kg (lbs)	2,060 (4,540)	2,500 (5,520)	2,800 (6,150)	3,150 (6,950)	3,450 (7,600)	3,750 (8,250)	4,125 (9,100)	4,250 (9,350)	4,500 (9,900)	4,750 (10,500)
Ply Rating		4			6		8			10	
LOADS AT OTHER SPEEDS											
65 km/h (40 mph)	kg (lbs)	1,195 (2,634)	1,450 (3,197)	1,624 (3,580)	1,827 (4,028)	2,001 (4,411)	2,175 (4,795)	2,392.5 (5,274)	2,465 (5,434)	2,610 (5,754)	2,755 (6,074)
50 km/h (30 mph)	kg (lbs)	1,400 (3,090)	1,700 (3,750)	1,900 (4,190)	2,140 (4,720)	2,350 (5,180)	2,550 (5,620)	2,810 (6,190)	2,890 (6,370)	3,060 (6,750)	3,230 (7,120)
25 km/h (15 mph)	kg (lbs)	1,650 (3,640)	2,000 (4,410)	2,240 (4,940)	2,520 (5,560)	2,760 (6,080)	3,000 (6,610)	3,300 (7,280)	3,400 (7,500)	3,600 (7,940)	3,800 (8,380)
20 km/h (12.5 mph)	kg (lbs)	1,730 (3,810)	2,100 (4,630)	2,350 (5,180)	2,650 (5,840)	2,900 (6390)	3,150 (6,940)	3,470 (7,650)	3,570 (7,870)	3,780 (8,330)	3,990 (8,800)
15 km/h (10 mph)	kg (lbs)	1,790 (3,950)	2,180 (4,810)	2,440 (5,380)	2,740 (6,040)	3,000 (6610)	3,260 (7,190)	3,590 (7,910)	3,700 (8,160)	3,920 (8,640)	4,130 (9,100)
10 km/h (5 mph)	kg (lbs)	2,060 (4,540)	2,500 (5,520)	2,800 (6,150)	3,150 (6,950)	3,450 (7,600)	3,750 (8,250)	4,125 (9,100)	4,250 (9,350)	4,500 (9,900)	4,750 (10,500)
4 km/h (2.5 mph)	kg (lbs)	2,370 (5,220)	2,880 (6,350)	3,220 (7,100)	3,620 (7,980)	3,970 (8,750)	4,310 (9,500)	4,740 (10,450)	4,890 (10,780)	5,180 (11,420)	5,460 (12,040)
Creep	kg (lbs)	2,680 (5,910)	3,250 (7,160)	3,640 (8,020)	4,100 (90,40)	4,490 (9,900)	4,880 (10,760)	5,360 (11,820)	5,530 (12,190)	5,850 (12,900)	6,180 (13,620)
Stationary	kg (lbs)	3,300 (7,280)	4,000 (8,820)	4,480 (9,880)	5,040 (11,110)	5,520 (12,170)	6,000 (13,230)	6,600 (14,550)	6,800 (14,990)	7,200 (15,870)	7,600 (16,750)

16.00-24DT											
Inflation	kPA (psi)	75 (11)	100 (15)	125 (18)	150 (22)	175 (25)	200 (29)	240 (35)	250 (36)	275 (40)	300 (44)
Load	kg (lbs)	3750 (8250)	4500 (9900)	5000 (11000)	5600 (12300)	6150 (13600)	6700 (14800)	7500 (16500)	7500 (16500)	8000 (17600)	8500 (18700)
Ply Rating		4	6			8		10		12	
LOADS AT OTHER SPEEDS											
65 km/h (40 mph)	kg (lbs)	2,180 (4,810)	2,610 (5,750)	2,900 (6,390)	3,250 (7,160)	3,570 (7,870)	3,890 (8,580)	4,350 (9,590)	4,350 (9,590)	4,640 (10,230)	4,930 (10,870)
50 km/h (30 mph)	kg (lbs)	2,550 (5,620)	3,060 (6,750)	3,400 (7,500)	3,810 (8,400)	4,180 (9,220)	4,560 (1,050)	5,100 (11,240)	5,100 (11,240)	5,440 (11,990)	5,780 (12,740)
25 km/h (15 mph)	kg (lbs)	3,000 (6,610)	3,600 (7,940)	4,000 (8,820)	4,480 (9,880)	4,920 (10,850)	5,360 (11,820)	6,000 (13,230)	6,000 (13,230)	6,400 (14,110)	6,800 (14,990)
20 km/h (12.5 mph)	kg (lbs)	3,150 (6,940)	3,780 (8,330)	4,200 (9,260)	4,700 (10,360)	5,170 (11,400)	5,630 (12,410)	6,300 (13,890)	6,300 (13,890)	6,720 (14,810)	7,140 (15,740)
15 km/h (10 mph)	kg (lbs)	3,260 (7,190)	3,920 (8,640)	4,350 (9,590)	4,870 (10,740)	5,350 (11,790)	5,830 (12,850)	6,530 (14,400)	6,530 (14,400)	6,960 (15,340)	7,400 (16,310)
10 km/h (5 mph)	kg (lbs)	3,750 (8,250)	4,500 (9,900)	5,000 (11,000)	5,600 (12,300)	6,150 (13,600)	6,700 (14,800)	7,500 (16,500)	7,500 (16,500)	8,000 (17,600)	8,500 (18,700)
4 km/h (2.5 mph)	kg (lbs)	4,310 (9,500)	5,180 (11,420)	5,750 (12,680)	6,440 (14,200)	7,070 (15,590)	7,700 (16,980)	8,630 (19,030)	8,630 (19,030)	9,200 (20,280)	9,780 (21,560)
Creep	kg (lbs)	4,880 (10,760)	5,850 (12,900)	6,500 (14,330)	7,280 (16,050)	8,000 (17,640)	8,710 (19,200)	9,750 (21,490)	9,750 (21,490)	10,400 (22,930)	11,050 (24,360)
Stationary	kg (lbs)	6,000 (13,230)	7,200 (15,870)	8,000 (17,640)	8,960 (19,750)	9,840 (21,690)	10,720 (23,630)	12,000 (26,460)	12,000 (26,460)	12,800 (28,220)	13,600 (29,980)

18.00-25DT																			
Inflation	kPA (psi)	75 (11)	100 (15)	125 (18)	150 (22)	175 (25)	200 (29)	240 (35)	250 (36)	275 (40)	300 (44)	325 (47)	350 (51)	375 (54)	400 (58)	425 (62)	450 (65)	475 (69)	500 (73)
Load	kg (lbs)	3875 (8,550)	4625 (10,200)	5300 (11,700)	5800 (12,800)	6300 (13,900)	6,900 (15,200)	7,750 (17,100)	7,750 (17,100)	8,250 (18,200)	8,750 (19,300)	9,250 (20,400)	9,500 (20,900)	10,000 (22,000)	10,300 (22,700)	10,600 (23,400)	11,200 (24,700)	11,500 (25,400)	11,800 (26,000)
Ply Rating		4	6			8		10		12		14		16		18		20	
LOADS AT OTHER SPEEDS																			
65 km/h (40 mph)	kg (lbs)	2,250 (4,960)	2,610 (5,750)	2,990 (6,590)	3,360 (7,410)	3,650 (8,050)	4,000 (8,820)	4,350 (9,590)	4,500 (9,920)	4,790 (10,560)	5,080 (11,200)	5,220 (11,510)	5,510 (12,150)	5,800 (12,790)	5,970 (13,160)	6,150 (13,560)	6,320 (13,930)	6,670 (14,700)	6,840 (15,080)
50 km/h (30 mph)	kg (lbs)	2,640 (5,820)	3,060 (6,750)	3,500 (7,720)	3,940 (8,690)	4,280 (9,440)	4,690 (10,340)	5,100 (11,240)	5,270 (11,620)	5,610 (12,370)	5,950 (13,120)	6,120 (13,490)	6,460 (14,240)	6,800 (14,990)	7,000 (15,430)	7,210 (15,900)	7,410 (16,340)	7,820 (17,240)	8,020 (17,680)
25 km/h (15 mph)	kg (lbs)	3,100 (6,830)	3,600 (7,940)	4,120 (9,080)	4,640 (10,230)	5,040 (11,110)	5,520 (12,170)	6,000 (13,230)	6,200 (13,670)	6,600 (14,550)	7,000 (15,430)	7,200 (15,870)	7,600 (16,750)	8,000 (17,640)	8,240 (18,170)	8,480 (18,690)	8,720 (19,220)	9,200 (20,280)	9,440 (20,810)
20 km/h (12.5 mph)	kg (lbs)	3,260 (7,190)	3,780 (8,330)	4,330 (9,550)	4,870 (10,740)	5,290 (11,660)	58,00 (12,790)	6,300 (13,890)	6,510 (14,350)	6,930 (15,280)	7,350 (16,200)	7,560 (16,670)	7,980 (17,590)	8,400 (18,520)	8,650 (19,070)	8,900 (19,620)	9,160 (20,190)	9,660 (21,300)	9,910 (21,850)
15 km/h (10 mph)	kg (lbs)	3,370 (7,430)	3,920 (8,640)	4,480 (9,880)	5,050 (11,130)	5,480 (12,080)	6,000 (13,230)	6,530 (14,400)	6,740 (14,860)	7,180 (15,830)	7,610 (16,780)	7,830 (17,260)	8,270 (18,230)	8,700 (19,180)	8,960 (19,750)	9,220 (20,330)	9,480 (20,900)	10,010 (22,070)	10,270 (22,640)
10 km/h (5 mph)	kg (lbs)	3,875 (8,550)	4,625 (10,200)	5,300 (11,700)	5,800 (12,800)	6,300 (13,900)	6,900 (15,200)	7,750 (17,100)	7,750 (17,100)	8,250 (18,200)	8,750 (19,300)	9,250 (20,400)	9,500 (20,900)	10,000 (22,000)	10,300 (22,700)	10,600 (23,400)	11,200 (24,700)	11,500 (25,400)	11,800 (26,000)
4 km/h (2.5 mph)	kg (lbs)	4,460 (9,830)	5,180 (11,420)	5,920 (13,050)	6,670 (14,700)	7,240 (15,960)	7,930 (17,480)	8,630 (19,030)	8,910 (19,640)	9,490 (20,920)	10,060 (22,180)	10,350 (22,820)	10,930 (24,100)	11,500 (25,350)	11,840 (26,100)	12,190 (26,870)	12,530 (27,620)	13,220 (29,140)	13,570 (29,920)
Creep	kg (lbs)	5,040 (11,110)	5,850 (12,900)	6,700 (14,770)	7,540 (16,620)	8,190 (18,060)	8,970 (19,780)	9,750 (21,490)	10,080 (22,220)	10,730 (23,660)	11,380 (25,090)	11,700 (25,790)	12,350 (27,230)	13,000 (28,660)	13,390 (29,520)	13,780 (30,380)	14,170 (31,240)	14,950 (32,960)	15,340 (33,820)
Stationary	kg (lbs)	6,200 (13,670)	7,200 (15,870)	8,240 (18,170)	9,280 (20,460)	10,080 (22,220)	11,040 (24,340)	12,000 (26,460)	12,400 (27,340)	13,200 (29,100)	14,000 (30,860)	14,400 (31,750)	15,200 (33,510)	16,000 (35,270)	16,480 (36,330)	16,960 (37,390)	17,440 (38,450)	18,400 (40,560)	18,880 (41,620)

21.00-25DT																			
Inflation	kPA (psi)	150 (22)	175 (25)	200 (29)	240 (35)	250 (36)	275 (40)	300 (44)	325 (47)	350 (51)	375 (54)	400 (58)	425 (62)	450 (65)	475 (69)	500 (73)	525 (76)	550 (80)	575 (83)
Load	kg (lbs)	7,500 (16,530)	8,250 (18,190)	9,000 (19,840)	10,000 (22,050)	10,000 (22,050)	10,600 (23,370)	11,200 (24,690)	11,800 (26,010)	12,500 (27,560)	12,850 (28,330)	13,200 (29,100)	14,000 (30,860)	14,500 (31,970)	14,500 (31,970)	15,000 (33,100)	15,500 (34,200)	16,000 (35,300)	16,500 (36,400)
Ply Rating		8	10		12		14	16		18		20	22		24	26		28	
LOADS AT OTHER SPEEDS																			
65 km/h (40 mph)	kg (lbs)	4,350 (9,590)	4,790 (10,560)	5,220 (11,510)	5,800 (12,790)	5,800 (12,790)	6B150 (13,560)	6,500 (14,330)	6,840 (15,080)	7,250 (15,980)	7,450 (16,420)	7,660 (16,890)	8,120 (17,900)	8,410 (18,540)	8,410 (18,540)	8,700 (19,180)	8,990 (19,820)	9,280 (20,460)	9,570 (21,100)
50 km/h (30 mph)	kg (lbs)	5,100 (11,240)	5,610 (12,370)	6,120 (13,490)	6,800 (14,990)	6,800 (14,990)	7B210 (15,900)	7,620 (16,800)	8,020 (17,680)	8,500 (18,740)	8,740 (19,270)	8,980 (19,800)	9,520 (20,990)	9,860 (21,740)	9,860 (21,740)	10,200 (22,490)	10,540 (23,240)	10,880 (23,990)	11,220 (24,740)
25 km/h (15 mph)	kg (lbs)	6,000 (13,230)	6,600 (14,550)	7,200 (15,870)	8,000 (17,640)	8,000 (17,640)	8,480 (18B690)	8,960 (19,750)	9,440 (20,810)	10,000 (22,050)	10,280 (22,660)	10,560 (23,280)	11,200 (24,690)	11,600 (25,570)	11,600 (25,570)	12,000 (26,460)	12,400 (27,340)	12,800 (28,220)	13,200 (29,100)
20 km/h (12.5 mph)	kg (lbs)	6,300 (13,890)	6,930 (15,280)	7,560 (16,670)	8,400 (18,520)	8,400 (18,520)	8,900 (19,620)	9,410 (20,750)	9,910 (21,850)	10,500 (23,150)	10,790 (23,790)	11,090 (24,450)	11,760 (25,930)	12,180 (26,850)	12,180 (26,850)	12,600 (27,780)	13,020 (28,700)	13,440 (29,630)	13,860 (30,560)
15 km/h (10 mph)	kg (lbs)	6,530 (14,400)	7,180 (15,830)	7,830 (17,260)	8,700 (19,180)	8,700 (19,180)	9,220 (20,330)	9,740 (21,470)	10,270 (22,640)	10,880 (23,990)	11,180 (24,650)	11,480 (25,310)	12,180 (26,850)	12,620 (27,820)	12,620 (27,820)	13,050 (28,770)	13,490 (29,740)	13,920 (30,690)	14,360 (31,660)
10 km/h (5 mph)	kg (lbs)	7,500 (16,530)	8,250 (18,190)	9,000 (19,840)	10,000 (22,050)	10,000 (22,050)	10,600 (23,370)	11,200 (24,690)	11,800 (26,010)	12,500 (27,560)	12,850 (28,330)	13,200 (29,100)	14,000 (30,860)	14,500 (31,970)	14,500 (31,970)	15,000 (33,100)	15,500 (34,200)	16,000 (35,300)	16,500 (36,400)
4 km/h (2.5 mph)	kg (lbs)	8,630 (19,030)	9,490 (20,920)	10,350 (22,820)	11,500 (25,350)	11,500 (25,350)	12,190 (26,870)	12,880 (28,400)	13,570 (29,920)	14,370 (31,680)	14,780 (32,580)	15,180 (33,470)	16,100 (35,490)	16,680 (36,770)	16,680 (36,770)	17,250 (38,030)	17,830 (39,310)	18,400 (40,560)	18,980 (41,840)
Creep	kg (lbs)	9,750 (21,490)	10,730 (23,660)	11,700 (25,790)	13,000 (28,660)	13,000 (28,660)	13,780 (30,380)	14,560 (32,100)	15,340 (33,820)	16,250 (35,820)	16,710 (36,840)	17,160 (37,830)	18,200 (40,120)	18,850 (41,560)	18,850 (41,560)	19,500 (42,990)	20,150 (44,420)	20,800 (45,860)	21,450 (47,290)
Stationary	kg (lbs)	12,000 (26,460)	13,200 (29,100)	14,400 (31,750)	16,000 (35,270)	16,000 (35,270)	16,960 (37,390)	17,920 (39,510)	18,880 (41,620)	20,000 (44,090)	20,560 (45,330)	21,120 (46,560)	22,400 (49,380)	23,200 (51,150)	23,200 (51,150)	24,000 (52,910)	24,800 (54,670)	25,600 (56,440)	26,400 (58,200)

HIGH FLOTATION TIRES USED IN AGRICULTURAL, FORESTRY, AND OFF-THE-ROAD SERVICE

Tire Size	Speed (mph)	TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)											
		10	15	20	25	30	35	40	45	50	55	60	65
66X44.00-25NHS	30	6,000	7,600 (6)	9,100	10,200	11,400	12,800	13,600 (16)	14,300	15,700 (20)	16,500	17,100	18,200 (26)
	20	6,700	8,500	10,200	11,400	12,800	14,300	15,200	16,000	17,600	18,500	19,200	20,400
	10	7,900	10,000	12,000	13,500	15,000	16,900	18,000	18,900	20,700	21,800	22,600	24,000
	5	9,500	12,000	14,400	16,100	18,000	20,200	21,500	22,600	24,800	26,100	27,000	28,800
	Creep	12,000	15,200	18,200	20,400	22,800	25,600	27,200	28,600	31,400	33,000	34,200	36,400
	Stationary	15,900	20,100	24,100	27,000	30,200	33,900	36,000	37,900	41,600	43,700	45,300	48,200
68X50.00-32NHS	30	5,840	7,400	8,800	9,900	11,000	12,300 (16)	13,200	14,300 (20)	----	----	----	----
	20	6,550	8,300	9,850	11,100	12,300	13,800	14,800	16,000	----	----	----	----
	10	7,700	9,750	11,600	13,100	14,500	16,200	17,400	18,900	----	----	----	----
	5	9,250	11,700	13,900	15,600	17,400	19,400	20,900	22,600	----	----	----	----
	Creep	11,700	14,800	17,600	19,800	22,000	24,600	26,400	28,600	----	----	----	----
	Stationary	15,500	19,600	23,300	26,200	29,200	32,600	35,000	37,900	----	----	----	----
66X43.00-25NHS	30	5,840	7,400	8,800	9,900 (10)	11,000 (12)	12,300 (14)	13,200 (16)	13,900	14,800 (20)	15,700	16,500	17,600 (26)
	20	6,550	8,300	9,850	11,100	12,300	13,800	14,800	15,600	16,600	17,600	18,500	19,700
	10	7,700	9,750	11,600	13,100	14,500	16,200	17,400	18,300	19,500	20,700	21,800	23,200
	5	9,250	11,700	13,900	15,600	17,400	19,400	20,900	22,000	23,400	24,800	26,100	27,800
	Creep	11,700	14,800	17,600	19,800	22,000	24,600	26,400	27,800	29,600	31,400	33,000	35,200
	Stationary	15,500	19,600	23,300	26,200	29,200	32,600	35,000	36,800	39,200	41,600	43,700	46,600
66X43.00-26NHS	30	5,840	7,400	8,800	9,900	11,000	12,000 (14)	13,200 (16)	13,900	14,800 (20)	15,700	16,500	17,100 (26)
	20	6,550	8,300	9,850	11,100	12,300	13,400	14,800	15,600	16,600	17,600	18,500	19,200
	10	7,700	9,750	11,600	13,100	14,500	15,800	17,400	18,300	19,500	20,700	21,800	22,600
	5	9,250	11,700	13,900	15,600	17,400	19,000	20,900	22,000	23,400	24,800	26,100	27,000
	Creep	11,700	14,800	17,600	19,800	22,000	24,000	26,400	27,800	29,600	31,400	33,000	34,200
	Stationary	15,500	19,600	23,300	26,200	29,200	31,800	35,000	36,800	39,200	41,600	43,700	45,300
67X34.00-25NHS	30	5,840	7,400	8,800	10,200	11,400 (10)	12,300	13,200 (14)	14,300	15,200	16,100 (20)	----	----
	20	6,550	8,300	9,850	11,400	12,800	13,800	14,800	16,000	17,000	18,000	----	----
	10	7,700	9,750	11,600	13,500	15,000	16,200	17,400	18,900	20,100	21,300	----	----
	5	9,250	11,700	13,900	16,100	18,000	19,400	20,900	22,600	24,000	25,400	----	----
	Creep	11,700	14,800	17,600	20,400	22,800	24,600	26,400	28,600	30,400	32,200	----	----
	Stationary	15,500	19,600	23,300	27,000	30,200	32,600	35,000	37,900	40,300	42,700	----	----
67X34.00-26NHS	30	5,840	7,400	8,800	9,900	11,000	12,000	13200 (14)	13,900	14,800	15700 (20)	----	----
	20	6,550	8,300	9,850	11,100	12,300	13,400	14,800	15,600	16,600	17,600	----	----
	10	7,700	9,750	11,600	13,100	14,500	15,800	17,400	18,300	19,500	20,700	----	----
	5	9,250	11,700	13,900	15,600	17,400	19,000	20,900	22,000	23,400	24,800	----	----
	Creep	11,700	14,800	17,600	19,800	22,000	24,000	26,400	27,800	29,600	31,400	----	----
	Stationary	15,500	19,600	23,300	26,200	29,200	31,800	35,000	36,800	39,200	41,600	----	----
DH73x44.00-32 VA73x43.00-32	30	6,800	8,550	10,200	11,700	12,800 (12)	14,300	15,200 (16)	16,500	17,600 (20)	----	----	----
	20	7,600	9,600	11,400	13,100	14,300	16,000	17,000	18,500	19,700	----	----	----
	10	9,000	11,300	13,500	15,400	16,900	18,900	20,100	21,800	23,200	----	----	----
	5	10,700	13,500	16,100	18,500	20,200	22,600	24,000	26,100	27,800	----	----	----
	Creep	13,600	17,100	20,400	23,400	25,600	28,600	30,400	33,000	35,200	----	----	----
	Stationary	18,000	22,700	27,000	31,000	33,900	37,900	40,300	43,700	46,600	----	----	----

CONTINUES ON NEXT PAGE

HIGH FLOTATION TIRES USED IN AGRICULTURAL, FORESTRY, AND OFF-THE-ROAD SERVICE CONTINUED

Tire Size	Speed (mph)	TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)											
		10	15	20	25	30	35	40	45	50	55	60	65
DH73x50.00-32	30	6,950	8,800	10,500	12,000	13,200	14,800 (16)	15,700	17,100 (20)	----	----	----	----
	20	7,800	9,850	11,800	13,400	14,800	16,600	17,600	19,200	----	----	----	----
	10	9,150	11,600	13,900	15,800	17,400	19,500	20,700	22,600	----	----	----	----
	5	11,000	13,900	16,600	19,000	20,900	23,400	24,800	27,000	----	----	----	----
	Creep	13,900	17,600	21,000	24,000	26,400	29,600	31,400	34,200	----	----	----	----
	Stationary	18,400	23,300	27,800	31,800	35,000	39,200	41,600	45,300	----	----	----	----

Notes:

1. The small index numbers denote ply ratings for which accompanying loads and inflations are maximum.
2. For variable loading operations where load increase or decrease, the load per tire when the vehicle is empty must be less than 40% of the load on the tire when the vehicle is fully loaded. Maximum load may not be carried for more than one mile before unloading operation starts. Loading or unloading must be completed within one mile.
3. For operations at other speeds with no change in inflation pressure, the loads in the above table may be changed as follows:

MAXIMUM SPEED (mph)	% CHANGE IN LOADS
20	+12
10	+32
5	+58
*Creep	+100
Stationary	+165

4. Creep Speed is a travel rate of not over 200 feet in a 30 minute period

RADIAL PLY TERRA

High Flotation Tires Used in Agricultural, Logging, and Off-the-Road Service
TIRES USED AS SINGLES WITH NO SUSTAINED HIGH TORQUE

MAX SPEED 30 MPH	TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)														
TIRE SIZE	6	9	12	15	17	20	23	26	29	32	35	38	41	44	46
1000/50R25	5,360	6,400	7,400	8,550	9,650 (159)	10,700	11,700 (166)	12,300	13,200	13,600	13,900 (172)	14,800	15,200	16,100	16,500 (178)
1050/50R25	5,840	6,950	8,050	9,350	10500 (162)	11,700	12,800 (169)	13,600	14,300	14,800	15,200 (175)	16,100	16500 (178)	----	----
1050/50R32	6,400	7,600	8,800	10,200	11400 (165)	12,800	13,900 (172)	14,800	15,700	16,100	16,500 (178)	----	----	----	----
LSW1100/45R46	10,200*	12,300*	14,300	16,500	18200 (181)	20,400	22,700 (189)	24,000	24,700	26,000	26,800 (195)	----	----	----	----
LSW1100/45R46 (Muck Master)	8,800*	10,500*	12,300	13,900	15700 (176)	17,600	19,300 (183)	20,400	21,500	22,000	23,400 (190)	----	----	----	----
1250/40R25	6,150	7,400	8,800	9,900	11,000 (164)	12,300	13,600 (171)	14,300	15200 (175)	15,700	16,500 (178)	17,100	17600 (180)	----	----
1250/35R32	6,000	7,400	8,550	9,650	11,000 (164)	12,000	13,200 (170)	14,300	14,800	15,700	16,100 (177)	----	----	----	----
1250/50R32	8,550	10,200	11,700	13,600	15,200 (175)	17,100	18,700 (182)	19,800	20400 (185)	21,500	22,000 (188)	----	----	----	----
1250/35R42	6,800	8,250	9,650	11,000	12,300 (168)	13,600	15,200 (175)	16,100	16500 (178)	17,600	18,200 (181)	----	----	----	----
LSW1250/35R46	9,900*	12,000*	13,900	16,100	18,200 (181)	19,800	22,000 (188)	23,400	24,700	25,400	26,800 (195)	--	--	--	--
LSW1250/40R46	9,650*	11,700*	13,600	15,200	17,100 (179)	19,300	20,900 (186)	22,700	23,400	24,700	25,400 (193)	----	----	----	----
LSW1400/30R46	10,500*	12,300*	14,800	16,500	18,700 (182)	20,900	22,700 (189)	24,000	25,400	26,800	27,600 (196)	----	----	----	----

Notes:

1. For Loads at other conditions see notes 1, 2, and 3 on previous page.
2. The number in parentheses is tire's load index
3. The loads with an asterisk are for calculation of dual loads only.

DIAGONAL (BIAS) PLY TIRES USED FOR SKID-STEER/MINI-LOADER SERVICE

MAX SPEED 5 MPH	TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)												
TIRE SIZE	20	25	30	35	40	45	50	55	60	65	70	75	80
10-16.5 NHS	----	----	2,760 (4)	3,020	3,260	3,500 (5)	3,720	3,930	4,140 (8)	----	----	----	----
12-16.5 NHS	----	----	3,560	3,900	4,220 (6)	4,520	4,810 (8)	5,080	5,350	5,600 (10)	5,850	6,090	6,330 (12)
14-17.5 NHS	----	----	4,820 (6)	5,270	5,700 (8)	6,110	6,490	6,870 (10)	----	----	----	----	----
15-19.5 NHS	----	----	6,130 (6)	6,710	7,250 (8)	7,770	8,260 (10)	8,740	9,190 (12)	9,360	10,060 (14)	10,470	10,880 (16)
31x15.50-15 NHS	2,700 (4)	3,050	3,395 (6)	3,695	4,015	4,360 (8)	----	----	----	----	----	----	----

Notes:

1. Number in (parentheses) denote ply rating or load range to which loads and inflations are maximum.
2. For 10 MPH service, the above loads must be reduced 21% at the same pressures.

DIAGONAL (BIAS) PLY LOG SKIDDER DRIVE WHEEL TIRES USED IN LOGGING OR FORESTRY SERVICE (OTHER THAN ON CABLE OR GRAPPLE SKIDDERS) TIRES USED AS SINGLES

MAX SPEED 20 MPH (30 KM/H)		TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)													
Tire Size	psi	20		25		30		35		40		45	50		
	kPa	140		170		210		240		*275/280		310	340		
16.9-30	lbs	4,400		5,080		5,680 (10)	141	6,150		6,600 (14)	146	----	----		
	kg	2,000		2,300		2,575 (10)		2,800		3,000 (14)					
18.4-26	lbs	4,940		5,680 (10)	141	6,400 (12)	145	----		----		----	----		
	kg	2,240		2,575 (10)		2,900 (12)									
18.4-34	lbs	5,680		6,400 (10)	145	----		----		----		----	----		
	kg	2,575		2,900 (10)											
23.1-26	lbs	7,150 (10)	149	8,250		9,100 (14)	157	9,900 (16)	160	10,700 (20)	163	----	----		
	kg	3,250 (10)		3,750		4,125 (14)		4,500 (16)		4,875 (20)					
24.5-32	lbs	8,800		9,900 (12)	160	11000 (16)	164	12,000 (18)	167	13,200 (20)	170	----	----		
	kg	4,000		4,500 (12)		5000 (16)		5,450 (18)		6,000 (20)					
LOW SECTION HEIGHT															
28L-26	lbs	8,250 (12)	154	9,350 (14)	158	10,500 (16)	162	11,400 (20)	165	----		----	----		
	kg	3,750 (12)		4,250 (14)		4,750 (16)		5150 (20)							
30.5L-32	lbs	10,500 (12)	162	11,700 (16)	166	13,200 (20)	170	14,300		15,700 (26)	176	16,500	17,600 (32)	180	
	kg	4,750 (12)		5,300 (16)		6,000 (20)		6,500		7,100 (26)		75,00	8,000 (32)		
DH35.5L-32	lbs	13,900 (16)	172	16,100 (20)	177	17,600		19,300 (26)	183	20,900 (30)	186				
	kg	6,300 (16)		7,300 (20)		8,000		8,750 (26)		9,500 (30)					

TIRE TYPE NOMENCLATURE	
CODE NO.	TIRE TYPE
LS-2	INTERMEDIATE TREAD
LS-3	DEEP TREAD

Notes:

1. Figures in (parentheses) denote ply rating or load range for which bold face loads and inflations are maximum. Numbers after ply ratings are Load Index numbers.
2. For shipping purposes, tire inflation may be increased to 30 psi (210 kPa). Inflation pressures must be adjusted to correct operating pressure before skidder is removed from carrier. Consult tire manufacturer for minimum tire shipping pressure.
3. "Tire Load Limit" for log skidders is defined as the maximum load for an individual tire due to the total radial forces imposed on the tire DURING OPERATION. This maximum load includes total vehicle weight with accessories and weight transfer. For grapple and cable skidders, refer to table below.
4. For load and carry type of logging operations such as loaders equipped with log forks and feller bunchers, with maximum speed of 5 mph (10 km/h), above tire load limits may be increased 50% with 5 psi (35 kPa) increase in inflation pressure. Maximum length of carry is 500 feet (150 m).
5. When used as duals, tire loads must be reduced. Multiply figures in table by .88.
6. Consult rim and wheel manufacturer for rims for this type of service.
7. For transport service and operations that do not require sustained high torque, the following load limits apply (table to the right):

MAX SPEED	% CHANGE IN LOADS	CHANGE IN INFL. PRESSURE
Stationary	+170	+5 PSI (30 kPa)
10 MPH (15 KM/H)	+20	NONE
15 MPH (25 KM/H)	+15	NONE
20 MPH (30 KM/H)	NONE	NONE
25 MPH (40 KM/H)	-10	NONE

DIAGONAL (BIAS) PLY LOG SKIDDER DRIVE WHEEL TIRES USED ON CABLE OR GRAPPLE SKIDDERS TIRES USED AS SINGLES

MAX SPEED 5 MPH (10 KM/H)	TIRE LOAD LIMITS (LBS) AT VARIOUS COLD INFLATION PRESSURES (PSI)																					
Tire Size	psi	25		30			35			40			45			50		55				
	kPa	170		210			240			*275/280			310			340		380				
18.4-26	lbs	6,950		8,050 (10)		153	9,100 (12)		157	----			----			----		----				
	kg	3,150		3,650 (10)			4,125 (12)															
18.4-34	lbs	8,050		9,100 (10)		157	----			----			----			----		----				
	kg	3,650		4,125 (10)																		
23.1-26	lbs	9,900 (10)	160	11,700			12,800 (14)		169	13,900 (16)		172	15,200 (20)		175	----		----				
	kg	4,500 (10)		5,300			5,800 (14)			6,300 (16)			6,900 (20)									
24.5-32	lbs	12,300		13,900 (12)		172	15,200 (16)		175	17,100 (18)		179	18,700 (20)		182	----		----				
	kg	5,600		6,300 (12)			6,900 (16)			7,750 (18)			8,500 (20)									
LOW SECTION HEIGHT																						
28L-26	lbs	11,700 (12)	166	13,200 (14)		170	14,800 (16)		174	16,100 (20)		177	----			----		----				
	kg	5,300 (12)		6,000 (14)			6,700 (16)			7,300 (20)												
30.5L-32	lbs	14,800 (12)	174	16,500 (16)		178	18,700 (20)		182	19,800			22,000 (26)		188	23,400		24,700 (32)		192		
	kg	6,700 (12)		7,500 (16)			8,500 (20)			9,000			10,000 (26)			10,600		11,200 (32)				
DH35.5L-32	lbs	19,800 (16)	184	22,700 (20)			24,700			26,800 (26)		195	29,100 (30)		198	----		----				
	kg	9,000 (16)		10,300 (20)			11,200			12,150 (26)			13,200 (30)									

Notes:

1. Figures in (parentheses) denote ply rating or load range for which bold face loads and inflations are maximum.
2. For shipping purposes, tire inflation may be increased to 30 psi (210 kPa). Inflation pressures must be adjusted to correct operating pressure before skidder is removed from carrier. Consult tire manufacturer for minimum tire shipping pressure.
3. "Tire Load Limit" for log skidders is defined as the maximum load for an individual tire due to the total radial forces imposed on the tire DURING OPERATION. This maximum load includes total vehicle weight with accessories, plus load increases due to log winching or grappling loads and weight transfer.
4. The table above applies only to log skidder tires used on cable or grapple skidders with a maximum speed of 5 mph (10 km/h). For use on other types of logging or forestry equipment or at speeds greater than 5 mph (10 km/h) refer to the table at the top of this page.
5. When used as duals, tire loads must be reduced. Multiply figures in table by .88.
6. Consult rim and wheel manufacturer for rims for this type of service.

MATERIAL HANDLING LOADS

Size	Service Condition Application Speed			Counterbalanced Lift Truck		Industrial Vehicle Loads			
				Front/Drive	Rear/Steer	Smooth Floor Only		Other Than Smooth Floor	
	Ply Rating	Catalog Number	PSI (kPa)	up to 10 mph (15 km/h)	up to 15 mph (25 km/h)	5 mph (10 km/h)	10 mph (15 km/h)	5 mph (10 km/h)	10 mph (15 km/h)
				lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)
TITAN T40									
32x12-15 NHS	20	44P226	145 (1,000)	13,400 (6,080)	10,200 (4,625)	10,200 (4,625)	8,050 (3,650)	9,150 (4,150)	7,250 (3,290)
35x15-15 NHS	24	44P376	145 (1,000)	17,600 (8,000)	13,200 (6,000)	13,200 (6,000)	10,500 (4,750)	12,000 (5,450)	9,650 (4,375)
35x15-15 NHS	28	44P377	145 (1,000)	17,600 (8,000)	13,200 (6,000)	13,200 (6,000)	10,500 (4,750)	12,000 (5,450)	9,650 (4,375)
TITAN T44									
44x18-20 NHS	32	44T3K1	145 (1,000)	26,800 (12,150)	20,400 (9,250)	20,400 (9,250)	16,100	18,200 (8,250)	14,300 (6,500)
42x21-22 NHS	32	44T3J5	145 (1,000)	33,300 (15,105)	25,300 (11,475)	25,300 (11,475)	20,000 (9,070)	22,800 (10,340)	18,000 (8,165)
TITAN PWT									
7.00-12 NHS	12	44P212	125 (860)	5,995 (2,720)	4,555 (2,065)	4,555 (2,065)	3,595 (1,630)	4,100 (1,860)	3,235 (1,465)
7.50-16 NHS	12	44P2K8	115 (790)	8,015 (3,635)	6,090 (2,760)	6,090 (2,760)	4,810 (2,180)	5,485 (2,490)	4,330 (1,965)
8.25-15 NHS	12	44P231	105 (720)	8,680 (3,935)	6,595 (2,990)	6,595 (2,990)	5,210 (2,365)	5,935 (2,690)	4,685 (2,125)
8.25-15 NHS	14	44P2D5	120 (830)	9,385 (4,255)	7,135 (3,235)	7,135 (3,235)	5,630 (2,555)	6,420 (2,910)	5,070 (2,300)
250-15 NHS	16	4492H1	135 (930)	9,450 (4,285)	7,200 (3,265)	7,200 (3,265)	5,680 (2,575)	6,450 (2,925)	5,100 (2,315)
250-15 NHS	18	44P2H2	145 (1,000)	9,900 (4,500)	7,400 (3,350)	7,400 (3,350)	5,840 (2,650)	6,800 (3,075)	5,360 (2,430)
28x12-15 NHS	20	44P262	145 (1,000)	10,700 (5,300)	8,050 (3,650)	8,050 (3,650)	6,400 (2,900)	7,150 (3,250)	5,680 (2,575)
28x9-15 NHS	12	44P2B5	120 (830)	6,880 (3,120)	5,230 (2,370)	5,230 (2,370)	4,125 (1,870)	4,705 (2,135)	3,715 (1,685)
28x9-15 NHS	14	44P2D3	140 (970)	7,530 (3,415)	5,720 (2,595)	5,720 (2,595)	4,515 (2,050)	5,150 (2,335)	4,065 (1,845)
29x8-15 NHS	12	44P216	125 (860)	6,870 (3,115)	5,220 (2,370)	5,220 (2,370)	4,120 (1,870)	4,700 (2,130)	3,710 (1,685)
32x15-15 NHS	24	44P3G7	145 (1,000)	15,700 (7,100)	11,700 (5,300)	11,700 (5,300)	9,350 (4,250)	10,700 (4,875)	8,550 (3,875)
36x11-15 NHS	16	44P2F9	115 (790)	12,290 (5,575)	9,340 (4,235)	9,340 (4,235)	7,375 (3,345)	8,405 (3,815)	6,635 (3,010)
36x11-15 NHS	24	44P6F9	145 (1,000)	14,100 (6,395)	10,700 (4,855)	10,700 (4,855)	8,450 (3,835)	9,650 (4,375)	7,600 (3,445)
TITAN INDUSTRIAL DEEP TREAD (IDT)									
5.70/5.00-8 NHS	10	4542A1	145 (1,000)	2,760 (1,250)	2,090 (950)	2,090 (950)	1,650 (750)	1,870 (850)	1,480 (670)
6.90 /6.00-9 NHS	10	454204	125 (860)	3,715 (1,685)	2,820 (1,280)	2,820 (1,280)	2,230 (1,010)	2,540 (1,150)	2,000 (905)
6.50-10 NHS	10	454263	115 (790)	4,225 (1,915)	3,210 (1,455)	3,210 (1,455)	2,535 (1,150)	2,890 (1,310)	2,280 (1,035)
7.50-10 NHS	12	454287	120 (830)	5,655 (2,565)	4,300 (1,950)	4,300 (1,950)	3,395 (1,540)	3,870 (1,755)	3,055 (1,385)
7.00-12 NHS	12	454212	125 (860)	5,995 (2,720)	4,555 (2,065)	4,555 (2,065)	3,595 (1,630)	4,100 (1,860)	3,235 (1,465)
7.00-12 NHS	14	4542D7	145 (1,000)	6,535 (2,965)	4,970 (2,255)	4,970 (2,255)	3,920 (1,780)	4,470 (2,030)	3,530 (1,600)
7.50-15 NHS	12	454269	115 (790)	7,690 (3,490)	5,845 (2,650)	5,845 (2,650)	4,615 (2,095)	5,260 (2,385)	4,150 (1,880)
8.25-15 NHS	12	454231	105 (720)	8,680 (3,935)	6,595 (2,990)	6,595 (2,990)	5,210 (2,365)	5,935 (2,690)	4,685 (2,125)
8.25-15 NHS	14	4542D5	120 (830)	9,385 (4,255)	7,135 (3,235)	7,135 (3,235)	5,630 (2,555)	6,420 (2,910)	5,070 (2,300)
29x8-15 NHS	12	454216	125 (860)	6,870 (3,115)	5,220 (2,370)	5,220 (2,370)	4,120 (1,870)	4,700 (2,130)	3,710 (1,685)
30X8-15 NHS	12	454251	125 (860)	6,940 (3,150)	5,275 (2,395)	5,275 (2,395)	4,165 (1,890)	4,745 (2,150)	3,745 (1,700)
TITAN INDUSTRIAL SERVICE									
5.70-8 NHS	6	40B206	90 (620)	---	---	1,530 (695)	1,210 (550)	1,415 (640)	1,115 (505)
5.70-8 NHS	8	40B208	120 (830)	---	1,830 (830)	1,830 (830)	1,445 (655)	1,675 (760)	1,320 (600)

CONTINUES ON NEXT PAGE

MATERIAL HANDLING LOADS CONTINUED

Size	Service Condition Application Speed			Counterbalanced Lift Truck		Industrial Vehicle Loads					
				Front/Drive	Rear/Steer	Smooth Floor Only			Other Than Smooth Floor		
	Ply Rating	Catalog Number	PSI (kPa)	up to 10 mph (15 km/h)	up to 15 mph (25 km/h)	PSI (kPa)	5 mph (10 km/h)	10 mph (15 km/h)	PSI (kPa)	5 mph (10 km/h)	10 mph (15 km/h)
				lbs (kg)	lbs (kg)		lbs (kg)	lbs (kg)		lbs (kg)	lbs (kg)
TITAN PWT											
9.00-20 NHS	12	44P218	95 (660)	11,800 (5,350)	8,950 (4,060)	104 (720)	10,600 (4,810)	10,200 (4,625)	87 (600)	7,850 (3,560)	6,800 (3,085)
9.00-20 NHS	14	44P2E8	110 (760)	12,800 (5,805)	9,750 (4,425)	122 (840)	11,540 (5,235)	11,120 (5,045)	102 (700)	8,550 (3,880)	7,450 (3,380)
10.00-20 NHS	16	44P2E9	115 (790)	14,910 (6,765)	11,330 (5,140)	131 (900)	13,750 (6,235)	13,250 (6,010)	109 (750)	10,200 (4,625)	8,850 (4,015)
11.00-20 NHS	16	44P2E2	110 (760)	15,845 (7,185)	12,040 (5,460)	126 (870)	14,450 (6,555)	13,900 (6,305)	105 (720)	10,700 (4,855)	9,300 (4,220)
12.00-20 NHS	18	44P2E3	115 (790)	18,600 (8,435)	14,100 (6,395)	131 (900)	17,300 (7,845)	16,650 (7,550)	109 (750)	12,800 (5,805)	11,150 (5,060)
12.00-20 NHS	20	44P2A7	130 (900)	19,900 (9,025)	15,100 (6,850)	144 (990)	18,350 (8,325)	17,700 (8,030)	120 (830)	13,600 (6,170)	11,850 (5,375)
TITAN TT472											
10.00-20 NHS	18	472224	130 (900)	16,000 (7,260)	12,200 (5,535)	148 (1,020)	14,850 (6,735)	14,300 (6,485)	123 (850)	11,000 (4,990)	9,570 (4,340)
12.00-20 NHS	20	4722A7	130 (900)	19,900 (9,025)	15,100 (6,850)	144 (990)	18,350 (8,325)	17,700 (8,030)	120 (830)	13,600 (6,170)	11,850 (5,375)

APPROVED RIM CONTOURS

BIAS EARTHMOVING		
Tire size	Recommended Rim	Approved Rims
13.00-24TG (12 PR)	9.00GR	10.00VA, 8.00TG
13.00-24TG (14 PR)	8.00TG	10.00VA
13.00-24TG (16 PR)	10.00VA	
14.00-24TG (12 PR)	9.00GR	10.00VA, 8.00TG
14.00-24TG (14 PR)	8.00TG	10.00VA
14.00-24TG (16 PR)	10.00VA	
14.00-24NHS*	10.00W	
14.00-25NHS*	10.00/1.5	
LSW330-851	851x254LSW	

* Tube Type

PAVER/SAND		
Tire size	Recommended Rim	Approved rims
14.00-20DT	10.00W	
16.00-24DT	10.00VA	
18.00-25DT	10.00/1.5	
21.00-25DT	15.00/3.0	

BIAS GRADER SERVICE		
Tire size	Recommended Rim	Approved rims
13.00-24TG (12 PR)	9.00GR	10.00VA, 8.00TG
13.00-24TG (14 PR)	8.00TG	10.00VA
13.00-24TG (16 PR)	10.00VA	
14.00-24TG (12 PR)	9.00GR	10.00VA, 8.00TG
14.00-24TG (14 PR)	8.00TG	10.00VA
14.00-24TG (16 PR)	10.00VA	
16.00-24TG (12 PR)	10.00VA	9.00GR
16.00-24TG (14 PR & UP)	10.00VA	
LSW 330-851	851x254LSW	
LSW 360-851	851x254LSW	
LSW 395-851	851x317LSW	

BIAS LOADER/DOZER SERVICES		
Tire size	Recommended Rim	Approved rims
400/70-20	W14L	14, 13, 13SDC
LSW 400-648	648x356LSW	
21.00-25DT	15.00/3.0	

BIAS CONTAINER HANDLING		
Tire size	Recommended Rim	Approved rims
14.00-24NHS	10.00W	

BIAS UNDERGROUND MINE/MATERIAL HANDLING		
Tire size	Recommended Rim	Approved rims
6.00-9NHS (6.90-9NHS)	4.00E	
6.50-10NHS	5.00F	5.50F
7.50-10NHS (12 PR & BELOW)	5.50F	5.00F
7.50-10NHS (14 PR & UP)	6.00SP	6.00ST
7.00-12NHS	5.00S	
7.50-15NHS	6.0	6.5
8.25-15NHS	6.5	6.50BD
9.00-20NHS	7.0	7.5
10.00-20NHS	7.5	8
11.00-20NHS	8.0	8.5
12.00-20NHS	8.5	8.0, 9.0
12.00-24NHS	8.5	9
14.00-24NHS	10.00W	
29x8-15NHS	5.5	5.50BD
30x8-15NHS	6.0	5.50BD, 5.5
32x12-15NHS	9.75	9.75, 9.75BD
35x15-15NHS** (16 PR & BELOW)	10.50	11.00BD, 11.00
35x15-15NHS** (20PR & UP)	11.50	11.00BD, 11.00
28x9-15NHS	7.0	7.00BD
28x12-15NHS	9.75BD	
32x15-15NHS**	11.50	10.50, 11.00BD, 11.0
36x11-15NHS	7.5	7.50BD
44x18.00-20NHS	15.00T	
42x21.00-22NHS	18.00	

** Tubeless

BIAS FORESTRY		
Tire size	Recommended Rim	Approved rims
18.4-26	DW16A	
18.4-34	DW16A	DW15A
23.1-26	DW20A	DW20B
24.5-32 (12 PR & BELOW)	DH21	DW21A, DW21B, DH21B, DH21H, DH21HB
24.5-32 (16 PR & UP)	DH21	DH21B, DH21H, DH21HB
28L-26	DW25A	DW25B
30.5L-32 (12 PR & BELOW)	DH27	DW27A, DW27B, DH27B, DH27H, DH27HB
30.5L-32 (16 PR & UP)	DH27	DH27B, DH27H, DH27HB
DH35.5L-32	DH31	DH31B, DH31H, DH31HB
66x43.00-25NHS	36.0TH	
67x34.00-25NHS	30.0TH	
DH73x44.00-32	DH36	DH36B, DH36H, DH36HB, 36DWM
DH73x50.00-32	DH44	DW44A, DW44B, WWDWM, DH44H, DH44HB, DH44B

APPROVED RIM CONTOURS CONTINUED

RADIAL BACKHOE

Tire size	Recommended Rim	Approved Rims
340/80R18	11	W10H, W11
400/70R18	W13	W12
440/80R24	W14L	W15L
440/80R28	W14L	W15L
460/70R24	W14L	W15L
480/80R26	W15L	W16L, DW15A, DW16A
500/70R24	W16L	W15L, DW16A, W16A
500/85R24	W16L	W15L, DW16A, W16A
540/70R24	W16L	DW18A, W18L, W16A, DW16A
19.5LR24	DW16L	DW16A, W16A

BIAS BACKHOE

Tire size	Recommended Rim	Approved Rims
9.00-10HS	6.00F (2-piece)	5.50F (2- piece)
11.00-16SL	W8L	8LB, W10L, 10LB
12.4-16	W10L	10LB
14.9-24	W13	W12
16.9-24	W15L	
16.9-28	W15L	W14L
16.9-30	W15L	DW15A, W14L, DW14A
18.4-24	W16L	W15L, W16A
18.4-26	DW16A	W15L, DW15A
18.4-28	W16L	W16A, W15L
17.5L-24	W15L	
19.5L-24 (10 PR & BELOW)	DW16A	W16L, W15L
19.5L-24 (12 PR & UP)	DW16A	
11L-15SL	8LB	10LB
11L-16SL	W8L	8LB, W10L, 10LB
21L-24 (10 PR & BELOW)	DW18A	W18L
21L-24 (12 PR & UP)	DW18A	
21L-28 (10 PR)	DW18A	W18L
21L-28 (14 PR)	DW18A	DW18L
480/45-17	16.00	
420/70-24	W13	W12, W14L
14.5/75-16.1SL	16.1xW11C	
10.5/80-18	W9	9, W8
12.5/80-18	W9	11
LSW495-762	30xDW15A	
LSW320-597	597x267LSW	

BIAS SKID STEER

Tire size	Recommended Rim	Approved rims
5.70-12NHS	4.50I-70	4.50I-90, 5JA
7.00-15SS	5.50F	
8.25-15NHS	6LB	
10-16.5NHS	8.25 (15°)	
12-16.5NHS	9.75 (15°)	
14-17.5NHS	10.50 (15°)	
15-19.5NHS	11.75 (15°)	12.25 (15°)
18x8.50-10	7.00 I-55	7.00 I-70,I-90
20x8.00-10NHS	7.00 I-70	6.00E, 7.00E, 7.00I-55, 7.00I-90
23x8.50-12NHS	7.00 I-70	7.00 I-90, 7JA
23x8.50-14NHS	7.00 I-70	7.00 I-90, 7JA
26x12.0-12NHS	10.50 I-70	81/2JA, 10.50 I-90, 8.50 I-70, 8.50 I-90
27x8.50-15NHS	7JA	
27x10.50-15NHS	8LB	
27x12.5-15NHS	10LB	
28x8.50-15NHS	7JA	
30.5x12.00-16.5NHS	9.75 (15°)	
31x15.50-15NHS	13LB	
33x14.50-16.5NHS	12.00 (15°)	
33x15.50-16.5NHS	12.00 (15°)	
43x16.00-20NHS	W14LH	W14L
LSW265-521	521x210LSW	
LSW305-546	546x248LSW	
LSW350-597	597x267LSW	
LSW385-648	648x317LSW	

** Tubeless

BIAS COMPACTOR

Tire size	Recommended Rim	Approved rims
6.00-16NHS	4.00E	4.25KA, 4.50E
8.5/90-15K	5.50F	
7.50-15NHS	6.0	6.5
9.00-20NHS	7.0	7.5
11.00-20NHS	8.0	8.5

TIRE HANDLING

CAUTION DO NOT DAMAGE BEAD

1. Do not insert forks inside wheel hole.
2. Lift with rope sling or round fork or padded forks having 6-inch minimum diameter **-OR-**
3. Lift on the outside circumference only.

TIRE STORAGE

OTR Tires are designed to withstand the usage conditions of their respective application, but in order to achieve their full performance potential they must be maintained appropriately, which includes the condition in which they are stored in order to minimize the chance of experiencing an ozone/weather cracking condition.

The rubber compounds that are exposed to the atmosphere are formulated to resist deterioration caused by ozone. Although, said rubber compound properties evolve due to their service and storage conditions. Improper storage may result in various tire conditions to develop including weather/ozone cracking (also known as veneer cracking, dry rot, weather checking, or crazing).

In order to help avoid potential tire degradation, maximize tire performance, and ultimately prevent premature removals, Titan recommends the following best practices:

Unmounted Tire or Mounted Tire/Wheel Assembly

Area

- Indoor (preferred)
- Outdoors (if necessary):
  - Protect with an opaque waterproof covering with air vent openings to prevent creating a heat box or steam bath effect
- **AVOID:**
  - Storing near ozone generating sources which causes rubber to oxidize:
    - Sources of ozone include: Electric motors/machines, engine exhaust, welding equipment, battery chargers, transformers, and mercury vapor lamps. Other equipment that may produce sparks or electrical discharges should also be avoided.
    - Do not exceed an 0.08ppm ozone level
  - Exposure to volatile solvents/substances and/or petroleum based products:
    - Oil, fuels, lubricants, acids, disinfectants, and other chemicals should not be kept in storage room
  - Higher altitudes; this can accelerate tire degradation

Temperature/Lighting

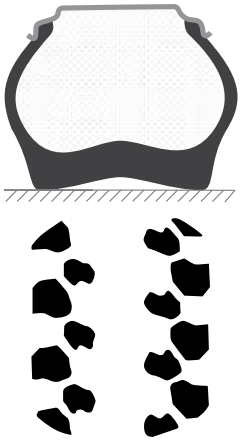
- Ideally, a storage temperature of approximately 72°F (22°C)) should be targeted
- **AVOID:**
  - Above 50°C (122°F) as this condition may be accelerated.
  - Direct contact with piping and radiators
  - Storing next to heaters, open flames, or other incandescent units
  - Direct sunlight
  - Strong artificial light with a high ultra-violet content

Ground Surface Conditions:

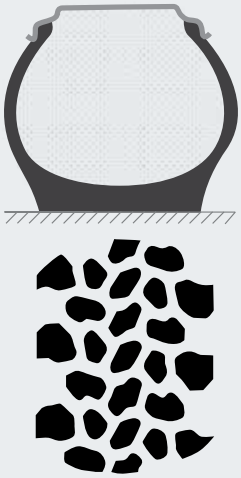
- Clean, cool, dry, dark, and well ventilated, but with minimal circulating air
- Store tires raised off the storage area's surface to minimize exposure to moisture or damage, such as on a pallet or a storage rack
- Pallets should be free of damage, protruding nails, and/or sharp burrs and have a flat, smooth surface to further avoid unwanted indentations to the tire
- Remove any water that has collected in an unmounted tire prior to mounting
- **AVOID:**
  - Placing on black asphalt or other heat absorbent surfaces
  - Storing adjacent to highly reflective surfaces (i.e. sand or snow covered ground)
  - Storing on piers or other open/unprotected areas

INFLATION PRESSURE

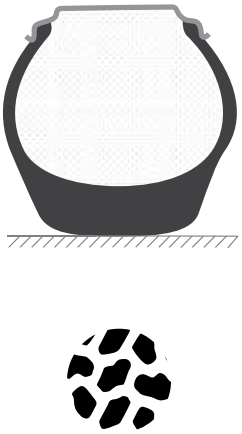
Under Inflation



Proper Inflation



Over Inflation



Lower & Mid Sidewall Awl Holes

Air/gas seeping through vent holes in the lower and mid sidewall is normal in any fabric working Off-The-Road (OTR) tire and should never be interpreted as the cause of internal tire inflation pressure loss.

THE PURPOSE OF AWL HOLE

Fabric ply tires can build-up gases under pressure within the tire cord body. There can be several reasons for this build-up of intracarcass pressure in the tire casing:

- Air can be trapped in the tire casing during the tire building process. It is forced into the cords during curing, and is completely normal.
- Air can go into the casing during vehicle operation as no tire innerliner is totally resistant to air permeation. This happens regardless of innerliner gauge or material.
- Tests have shown that a working tire will build 25 to 35 lbs. pres sure in the carcass (Internal pressure within the actual plies).

In order to help OTR tires bleed air/gas from their casings, they are awled in the lower, mid, and/or upper sidewall only down to the plies. These awling holes allow this carcass pressure buildup to escape.

How to Investigate Pressure Loss

The only way to properly investigate an air loss complaint is by checking air pressure daily. Depending on when tire air loss was first documented, follow the procedures below:

If a drop in inflation pressure is recorded shortly after initial mount up, the following should be checked:

- O-Ring
  - Fit and air retention capabilities
  - Was it pinched during installation?
  - Was it butted together and glued to create an O-Ring?
- Valve-Stem Hardware
  - Ensure all components are tight, including valve stem
  - Ensure the cap is on tight as it is the primary air seal. It also helps to prevent dirt, dust, and water damage to the core
- Proper bead seating
  - It can sometimes take several days to become fully seated
- Proper rim parts
  - Clean, not mixing manufacturers
  - Correct flange height for the tire
- If the above are inspected without issue, dismount the tire and check for anomalies
  - If an awl hole had been drilled through, it would lose air immediately

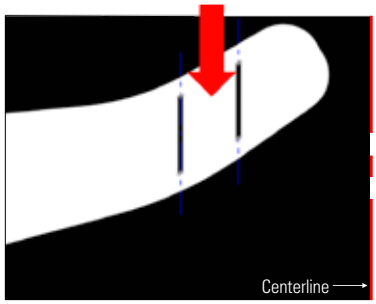
If a drop in inflation pressure is recorded long after initial mount up, the following should be checked:

- Look for a puncture in the tire, which could go through the innerliner
- O-Ring
  - Fit and air retention capabilities
    - In overload conditions, O-Rings can be pinched
- Valve-Stem Hardware
  - Make sure all components are tight, including valve stem
  - Ensure the cap is on tight as it is the primary air seal. It also helps to prevent dirt, dust, and water damage to the cores
- Check rim components for any signs of wear/failure

MEASURING TREAD WEAR

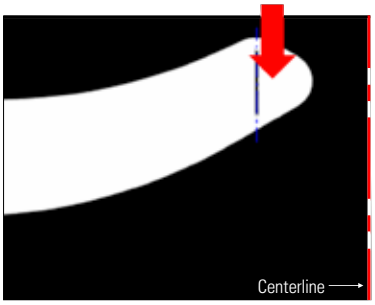
Tires With Tread Depth Indicator

Two Scribes



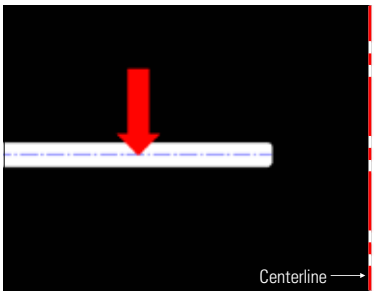
Measure in between scribes.

One Scribe



Measure next to the scribe on centerline side.

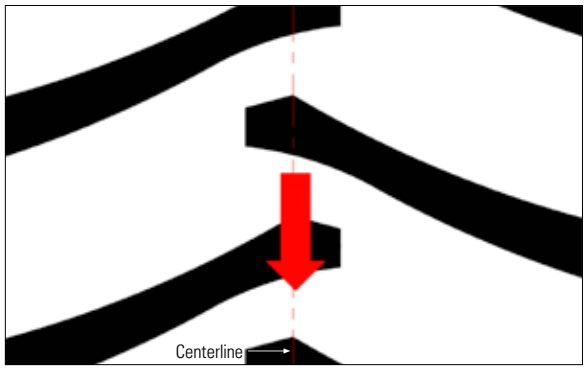
Smooth Tires



Measure in indicator groove.

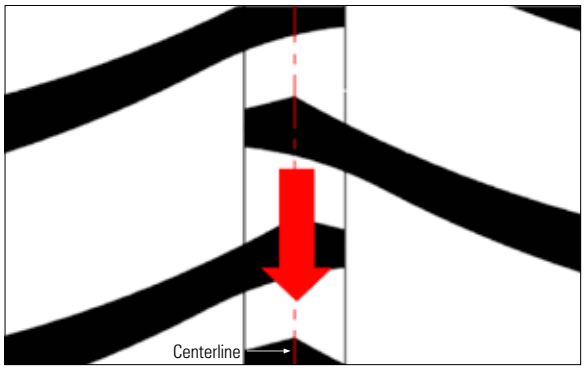
Tires Without Tread Depth Indicator

Logger Lug, LS 150, HK 458



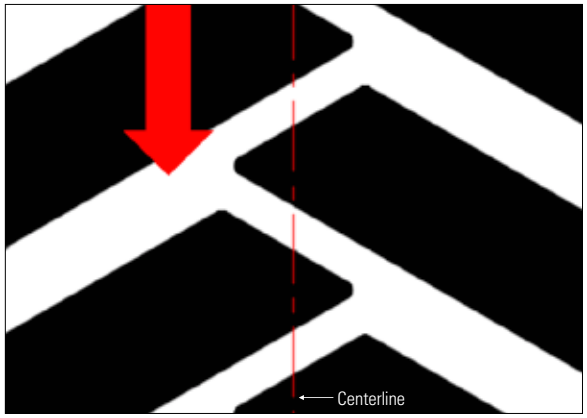
Open tread pattern tires measure at centerline. If there is a tie-bar at centerline, add the height of the tie-bar.

Logger Lug YL33R3 & YL3R65



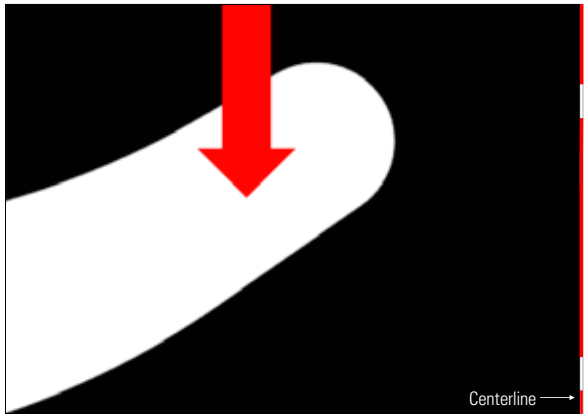
Logger Lug with tie-bar (YL33R3, YL3R65) measure at centerline and add 66/32 full depth

Super LCM



Measure 1/3 width of tread from centerline.

CH 150 & CM 150



Measure, halfway between centerline and shoulder.