SOLIDEAL®
MPT/DUMPER PNEUMATICS

Tyre Designation		Tread		Rim (a)		Tube	Tyre dimension (b) max. in service		Speed Symbol (c)	PR (d)	Application	Maximum Tyre Load (kg)							
												On other vehicles (1)					On fork lifts		
												Infl. Press	at max speed in km/h				Infl. Press	Max 25km/h	
Size	Type	Type	TRA	Recommended	Approved		WIDTH (mm)	OD (mm)				bar (2)	Static	10	25	50	bar (2)	Load wheel	Steer wheel
10.5 - 18	MPT	4L	I3	9 x 18	9SDC	TBLS/TT	292	927	B	8		3.00	3750	2700	2025	1680	3.50	2700	2250
										10		3.75	4250	3060	2295	1905	4.50	3060	2550
12.5 - 18	MPT	4L	I3	11 x 18	11SDC/12SDC/12	TBLS/TT	351	1017	B	10		3.00	4500	3240	2430	2015	3.50	3240	2700
										12		3.50	4875	3510	2635	2185	4.25	3510	2925
		SL	R4	11 x 18	11SDC/12SDC/12	TBLS/TT	351	1017	B	10		3.00	4500	3240	2430	2015	3.50	3240	2700
										12		3.50	4875	3510	2635	2185	4.25	3510	2925
		4L	R1	11 x 18	11SDC/12SDC/12	TBLS/TT	351	1017	B	12		3.50	4875	3510	2635	2185	4.25	3510	2925
18 - 19.5		4L TM	R1 R4	14 x 19.5		TBLS/TT	494	1138	A8	16	Drive (3)	4.50	6975	5850	5040	4050	5.50	6435	5400
										16									
10.5 - 20	MPT	4L	I3	9 x 20	9SDC	TBLS/TT	292	977	B	10		3.75	4500	3240	2430	2015	4.25	3240	2700
12.5 - 20	MPT	4L	I3	11 x 20	11SDC/12SDC/12	TBLS/TT	351	1067	B	10		3.00	4625	3330	2500	2070	3.50	3330	2775
										12		3.50	5000	3600	2700	2240	4.25	3600	3000
14.5 - 20	MPT	4L	I3	11 x 20	11SDC/12SDC/12	TBLS/TT	383	1124	B	10		2.50	5000	3600	2700	2240	3.00	3600	3000
										12		3.00	5450	3925	2945	2440	3.60	3925	3270
										14		3.50	5900	4250	3185	2645	4.25	4250	3540
18 - 22.5		4L TM	R1 R4	14 x 22.5		TBLS/TT	494	1214	A8	16	Drive (3)	4.50	7520	6305	5430	4365	5.50	6935	5820
										16									
405/70-20 (16/70-20)	MPT	4L	I3	13 x 20	13SDC	TBLS/TT	451	1121	A8	12	Free (3)	3.00	5695	4830	4105	3105	4.75	4935	4140
											Drive (3)	3.00		3400	2890	2185			
										14	Free (3)	3.50	6190	5250	4465	3375	5.50	5365	4500
											Drive (3)	3.50		3710	3155	2385			
										16	Free (3)	4.00	6600	5600	4760	3600	6.25	5720	4800
											Drive (3)	4.00		3920	3330	2520			
		4L	R1							10	Free (3)	3.00	5695	4830	4105	3105	4.75	4935	4140
											Drive (3)	3.00		3400	2890	2185			
										12	Free (3)	3.00	5695	4830	4105	3105	4.75	4935	4140
											Drive (3)	3.00		3400	2890	2185			
										14	Free (3)	3.50	6190	5250	4465	3375	5.50	5365	4500
											Drive (3)	3.50		3710	3155	2385			
405/70-24 (16/70-24)	MPT	4L	I3	13 x 24	13SDC	TBLS/TT	451	1223	A8	14	Free (3)	3.50	6600	5600	4760	3600	4.50	5720	4800
											Drive (3)	3.50		3920	3330	2520			
		4L	R1							14	Free (3)	3.50	6600	5600	4760	3600	4.50	5720	4800
											Drive (3)	3.50		3920	3330	2520			
15.5/80-24	MPT	4L	R1	13 x 24	W12/W13/W14L	TBLS/TT	414	1293	A8	10	Free (3)	2.50	6190	5250	4465	3375	5.00	5365	4500
											Drive (3)	2.50		3710	3155	2385			
										12	Free (3)	3.00	6805	5775	4910	3715	4.00	5900	4950
											Drive (3)	3.00		4060	3450	2610			
										14	Free (3)	3.50	7425	6300	5355	4050	4.50	6435	5400
											Drive (3)	3.50		4410	3750	2835			
										16	Free (3)	4.00	8045	6825	5800	4390	5.00	6970	5850
											Drive (3)	4.00		4830	4105	3105			
16.5/85-24	MPT	4L	R1	13 x 24	W13/W14L/W15L	TBLS/TT	438	1380	A8	8	Free (3)	1.90	6190	5250	4465	3375	2.90	5365	4500
											Drive (3)	1.90		3710	3155	2385			
										12	Free (3)	2.80	7630	6475	5505	4165	3.80	6615	5550
											Drive (3)	2.80		4550	3870	2925			
										14	Free (3)	3.30	8500	7210	6130	4635	4.30	7365	6180
											Drive (3)	3.30		5110	4345	3285			
										16	Free (3)	3.80	9570	8120	6900	5220	4.80	8295	6960
											Drive (3)	3.80		5775	4910	3715			
10.0/75-15.3	DUMPER	4L	R4	9 x 15.3		TBLS/TT	277	800	A8	8	Free (3)	3.10	2245	1905	1620	1225	4.25	1945	1630
											Drive (3)	3.10		1330	1130	855			
		4L	R1							8	Free (3)	3.10	2245	1905	1620	1225	4.25	1945	1630
											Drive (3)	3.10		1330	1130	855			
		4L	R4							10	Free (3)	3.90	2560	2170	1845	1395	5.25	2215	1860
											Drive (3)	3.90		1525	1295	980			
11.5/80-15.3	DUMPER	4L	R4	9 x 15.3		TBLS/TT	305	891	A8	8	Free (3)	2.70	2805	2380	2025	1530	3.75	2430	2040
											Drive (3)	2.70		1650	1405	1060			
		4L	R1							8	Free (3)	2.70	2805	2380	2025	1530	3.75	2430	2040
											Drive (3)	2.70		1650	1405	1060			
		4L	R4							10	Free (3)	3.40	3220	2730	2320	1755	4.75	2790	2340
											Drive (3)	3.40		1905	1620	1225			
		4L	R4							14	Free (3)	4.75	3475	3400	2890	2185	6.00	3475	2915
											Drive (3)	4.75		2380	2025	1530			

Specific remarks

(1) Several service conditions characteristics may be permitted for the same tyre.
For the acceptable application conditions consult Tweco N.V. and / or the Service Condition Characteristics Marking on the tyre.
The given inflation pressures and loads versus speed are for industrial applications, with a maximum speed of 50 km/h.
The most demanding load/speed condition of the vehicle must be used to determine the minimum tyre size, which means the approved axle load and the maximum design speed.

(2) Lower inflation pressures may be used at lower loads, please consult the technical department.

(3) The loads versus the speed are given for applications with LLV (Low Load Variation). HLV(High Load Variation), is where the tyre load varies by a factor 2 or more between loaded and unloaded conditions.
For HLV the inflation pressure must be increased to the Forklifttruck value. For Free Rolling Wheels the given loads may be increased with 20 % under HLV conditions and IP's.
For Drive Wheels the given loads maybe increased with 43% under HLV conditions and IP's and for a maximum distance of 1 km only.
Other loads and inflation pressures apply under HLV conditions, please consult Tweco N.V.

SLR4 TRACTIONMASTER 4L R1 4LI3/R4 TRACTIONMASTER R4

SOLIDEAL®
BACKHOE PNEUMATICS

Tyre designation		Tread pattern		Rim (a)		Tube	Tyre dimension max. in service (b)		Speed Symbol (c)	PR (d)	Application (1)	Inflation Pressure (2)	Maximum load versus speed (kg)					
Size	Type	Type	TRA	Recommended	Approved		Width (mm)	O.D. (mm)				bar	0km/h	15km/h	25km/h	30km/h	40km/h	50km/h
11L-15SL	IMP	MR	F3	8LBx15	10LBx15	TBLS	305	847	B	8		2.50	2300					1150
11L-15SL	IMP	MR	F3	8LBx15	10LBx15	TBLS	305	847	B	10		3.00	2640					1320
11L-16SL	IMP	MR	F3	8LBx16	W8L,10LB,W10Lx16	TBLS	305	873	B	10		3.00	2720					1360
11L-16SL	IMP	MR	F3	8LBx16	W8L,10LB,W10Lx16	TBLS	305	873	B	12		3.60	3110					1555
14.5/75-16.1SL	AGRI	MR	F3	W11Cx16.1		TBLS	373	940	A8	10		2.80	4350	2175	1855	1610	1450	
10.5/80-18	IMP	SL	R4	W9x18	W8x18,9x18	TBLS	288	930	A6	10	Drive	3.70	3220	1645	1455	1360	1225	
									A6		Free Rolling (3)	3.70	3220	2360	2085	1950	1755	
10.5/80-18	IMP	SL	R4	W9x18	W8x18,9x18	TBLS	288	930	A6	12	Drive	4.40	3500	1815	1605	1500	1350	
									A6		Free Rolling (3)	4.40	3500	2565	2270	2120	1910	
12.5/80-18	IMP	SL	R4	W9x18	11x18	TBLS	322	1014	A6	10	Drive	3.10	4010	2055	1820	1700	1530	
									A6		Free Rolling(3)	3.10	4010	2940	2600	2430	2185	
12.5/80-18	IMP	SL	R4	W9x18	11x18	TBLS	322	1014	A6	12	Drive	3.70	4375	2240	1980	1850	1665	
									A6		Free Rolling (3)	3.70	4375	3205	2835	2650	2385	
12.5/80-18	IMP	SL	R4	W9x18	11x18	TBLS	322	1014	A6	14	Drive	4.30	5000	2565	2270	2120	1910	
									A6		Free Rolling (3)	4.30	5000	3665	3240	3030	2725	
12.5/80-18	IMP	4L	R1	W9x18	11x18	TBLS	322	1014	A6	12	Drive	3.70	4375	2240	1980	1850	1665	
									A6		Free Rolling (3)	3.70	4375	3205	2835	2650	2385	
14.9-24	IND	SL	R4	W13x24	W11x24,W12x24	TBLS	409	1279	A8	6°	Cyclic (4)	1.70	4485	2615	2165	2085	1950	1775
									A8		Constant (5)	1.70	4485	2205	2065	2030	1950	1775
14.9-24	IND	SL	R4	W13x24	W11x24,W12x24	TBLS	409	1279	A8	8	Cyclic (4)	2.10	5290	3080	2555	2460	2300	2095
									A8		Constant (5)	2.10	5290	2600	2440	2390	2300	2095
14.9-24	IND	SL	R4	W13x24	W11x24,W12x24	TBLS	409	1279	A8	12	Cyclic (4)	2.90	6670	3885	3220	3105	2900	2640
									A8		Constant (5)	2.90	6670	3275	3075	3015	2900	2640
16.9-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	464	1351	A8	8	Cyclic (4)	1.90	6095	3550	2940	2835	2650	2410
									A8		Constant (5)	1.90	6095	2995	2810	2755	2650	2410
16.9-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	464	1351	A8	10	Cyclic (4)	2.20	6900	4020	3330	3210	3000	2730
									A8		Constant (5)	2.20	6900	3390	3180	3120	3000	2730
16.9-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	464	1351	A8	12	Cyclic (4)	2.60	7475	4355	3610	3480	3250	2960
									A8		Constant (5)	2.60	7475	3675	3445	3380	3250	2960
17.5L-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	480	1278	A8	6	Cyclic (4)	1.40	4600	2680	2220	2140	2000	1820
									A8		Constant (5)	1.40	4600	2260	2120	2080	2000	1820
17.5L-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	480	1278	A8	8	Cyclic (4)	1.70	5590	3255	2695	2600	2430	2210
									A8		Constant (5)	1.70	5590	2745	2575	2525	2430	2210
17.5L-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	480	1278	A8	10	Cyclic (4)	2.20	6440	3750	3110	2995	2800	2550
									A8		Constant (5)	2.20	6440	3165	2970	2910	2800	2550
17.5L-24	IND	SL	R4	W15Lx24	W14Lx24	TBLS	480	1278	A8	12	Cyclic (4)	2.60	7475	4355	3610	3480	3250	2960
									A8		Constant (5)	2.60	7475	3675	3445	3380	3250	2960
17.5L-24	IND	4L	R1	W15Lx24	W14Lx24	TBLS	480	1278	A8	10	Cyclic (4)	2.20	6440	3750	3110	2995	2800	2550
									A8		Constant (5)	2.20	6440	3165	2970	2910	2800	2550
19.5L-24	IND	SL	R4	W16Lx24	DW16A,W15Lx24	TBLS	535	1356	A8	8	Cyclic (4)	1.70	6270	3650	3025	2915	2725	2480
									A8		Constant (5)	1.70	6270	3080	2890	2835	2725	2480
19.5L-24	IND	SL	R4	W16Lx24	DW16A,W15Lx24	TBLS	535	1356	A8	10	Cyclic (4)	1.90	7075	4120	3415	3290	3075	2800
									A8		Constant (5)	1.90	7075	3475	3260	3200	3075	2800
19.5L-24	IND	SL	R4	DW16Ax24	W16Lx24	TBLS	535	1356	A8	12	Cyclic (4)	2.30	7935	4625	3830	3690	3450	3140
									A8		Constant (5)	2.30	7935	3900	3655	3590	3450	3140
19.5L-24	IND	SL	R4	DW16Ax24	W16Lx24	TBLS	535	1356	A8	14°	Cyclic (4)	2.60	8915	5195	4300	4145	3875	3525
									A8		Constant (5)	2.60	8915	4380	4110	4030	3875	3525
21L-24	IND	SL	R4	W18Lx24	DW18Ax24	TBLS	576	1424	A8	10	Cyclic (4)	1.80	7705	4490	3720	3585	3350	3050
									A8		Constant (5)	1.80	7705	3785	3550	3485	3350	3050
21L-24	IND	SL	R4	DW18Ax24	W18Lx24	TBLS	576	1424	A8	12	Cyclic (4)	2.20	8915	5195	4300	4145	3875	3525
									A8		Constant (5)	2.20	8915	4380	4110	4030	3875	3525
21L-24	IND	SL	R4	DW18Ax24	W18Lx24	TBLS	576	1424	A8	16	Cyclic (4)	2.80	10350	6030	4995	4815	4500	4095
									A8		Constant (5)	2.80	10350	5085	4770	4680	4500	4095
18.4-26	IND	SL	R4	W16Lx26	DW16A,W15Lx26	TBLS/TT	505	1523	A8	12	Cyclic (4)	2.50	9200	5360	4440	4280	4000	3640
									A8		Constant (5)	2.50	9200	4520	4240	4160	4000	3640
18.4-26	IND	4L	R1	W16Lx26	DW16A,W15Lx26	TBLS/TT	505	1523	A8	12	Cyclic (4)	2.50	9200	5360	4440	4280	4000	3640
									A8		Constant (5)	2.50		4520	4240	4160	4000	3640
16.9-28	IND	SL	R4	W15Lx28	W14Lx28	TBLS/TT	464	1452	A8	8	Cyclic (4)	1.90	6670	3885	3220	3105	2900	2640
									A8		Constant (5)	1.90	6670	3275	3075	3015	2900	2640
16.9-28	IND	SL	R4	W15Lx28	W14Lx28	TBLS/TT	464	1452	A8	10	Cyclic (4)	2.20	7245	4220	3495	3370	3150	2865
									A8		Constant (5)	2.20	7245	3560	3340	3275	3150	2865
16.9-28	IND	SL	R4	W15Lx28	W14Lx28	TBLS/TT	464	1452	A8	12	Cyclic (4)	2.60	8165	4755	3940	3800	3550	3230
									A8		Constant (5)	2.60	8165	4010	3765	3690	3550	3230
16.9-28	IND	4L	R1	W15Lx28	W14Lx28	TBLS/TT	464	1452	A8	12	Cyclic (4)	2.60	8165	4755	3940	3800	3550	3230
									A8		Constant (5)	2.60	8165	4010	3765	3690	3550	3230
18.4-28	IND	SL	R4	W16Lx28	W15Lx28	TBLS/TT	504	1500	A8	10°	Cyclic (4)	2.10	8165	4755	3940	3800	3550	3230
									A8		Constant (5)	2.10	8165	4010	3765	3690	3550	3230
18.4-28	IND	SL	R4	W16Lx28	W15Lx28	TBLS/TT	504	1500	A8	12	Cyclic (4)	2.50	9490	5530	4580	4415	4125	3755
									A8		Constant (5)	2.50	9490	4660	4375	4290	4125	3755
16.9-30	IND	SL	R4			TBLS/TT			A8	10°	Cyclic (4)							
									A8		Constant (5)							

Specific remarks

(1) For loads and inflation pressures on agricultural tractors consult Tweco N.V. (except for 14,5/75-16, 1 SL Agri).
(2) Maximum inflation pressures for the sizes and ply ratings shown are the maximum shipping pressures as well. Lower inflation pressures may be used at lower loads, please consult Tweco N.V.
(3) For tractor steering wheels: load is 80% of free rolling load.
(4) Cyclic application means that the minimum load does not exceed 60% of the maximum rated tyre load and vehicle operates over unimproved but generally level terrain,
5 km/h load valid for maximum one way distance of 150m, 10km/h value valid for maximum one way distance of 600 m.
(5) Constant load or regular application.

General remarks

see page compactors

SLR4 MRF 3 TRACTIONMASTER 4L R1

SOLIDEAL®
GRADER G2/L2 PNEUMATICS

GEOMETRICAL DATA											
Tyre designation		PR (d)	Tread pattern		RIM (n)			Tube	Tyre dimension max. in service (b)		Speed Symbol (c)
Size	Type		Type	TRA	Recommended	Approved			Width (mm)	OD (mm)	
13.00-24	TG	10°	SL	G2/L2	8.00TG	10.00VA	9.00DC	TBLS/TT	366	1298	A8/A2
13.00-24	TG	12	SL	G2/L2	8.00TG	10.00VA	9.00DC	TBLS/TT	366	1298	A8/A2
13.00-24	TG	14	SL	G2/L2	8.00TG	10.00VA		TBLS/TT	366	1298	A8/A2
13.00-24	TG	16	SL	G2/L2	10.00VA			TBLS/TT	366	1298	A8/A2
13.00-24	TG	12°	LM	L3	8.00TG	10.00VA	9.00DC	TBLS/TT	366	1298	A8/A2
13.00-24	TG	16°	LM	L3	10.00VA			TBLS/TT	366	1298	A8/A2
14.00-24	TG	10°	SL	G2/L2	8.00TG	10.00VA	9.00DC	TBLS/TT	398	1370	A8/A2
14.00-24	TG	12	SL	G2/L2	8.00TG	10.00VA	9.00DC	TBLS/TT	398	1370	A8/A2
14.00-24	TG	14	SL	G2/L2	8.00TG	10.00VA		TBLS/TT	398	1370	A8/A2
14.00-24	TG	16	SL	G2/L2	10.00VA			TBLS/TT	398	1370	A8/A2
14.00-24	TG	12°	LM	L3	8.00TG	10.00VA	9.00DC	TBLS/TT	398	1370	A8/A2
14.00-24	TG	16°	LM	L3	10.00VA			TBLS/TT	398	1370	A8/A2

OFF-THE-ROAD TRACTOR AND GRADER SERVICE G2 MAX SPEED 40KM/H SPEED SYMBOL A8 DISTANCE UNLIMITED											
Tyre Size	LOAD LIMITS AT COLD INFLATION PRESSURES										
	bar	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
13.00-24	kg	1700	1900	2060	2240	2360(10)	2500	2650	2725(12)	2800(14)	2900(16)
14.00-24	kg	2060	2300	2500	2650	2800	3075(12)	3250	3450(14)	3550	3650(16)

OFF THE ROAD SLOW SPEED SERVICE L2 MAX SPEED 10KM/H SPEED SYMBOL A2 DISTANCE UP TO 75 m ONE WAY													
Tyre Size	LOAD LIMITS AT COLD INFLATION PRESSURES												
	bar	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00
13.00-24	kg	4500	4750	5000(10)	5150	5300	5600(12)	5600	5800	6000(14)	6150	6300	6500(16)
14.00-24	kg	5450	5600(10)	6000	6150	6300(12)	6500	6700(14)	6900	7100	7300(16)		

Specific remarks
(1) Figures in parenthese denote ply rating for which bold face loads and inflations are maximum.
(2) For maintenance work on established highways, inflation pressures may be increased 50% if desired with no increase in loads.
(3) Road Lope (Bounce) is a natural phenomenon in motor graders occurring at resonant speeds. The best ride results are achieved by setting the cold inflation pressure to match the actual load per tyre. Design load distribution for OE graders tend to be 1/3 front and 2/3 rear, but attachments might have a pronounced effect on the weight balance.

General remarks see page compactors

LM/L3 SL G2/L2

SOLIDEAL®
EXCAVATOR PNEUMATICS

Type Size	PR	Tread Type	Rim (a)		Tube	Valve	Flap	Tyre dimension max. in service (b)		Speed Symbol (c)	Load capacity (kg) (1)					
											On all surfaces			On improved surfaces		
			Recommended	Approved				Width (mm)	O.D. (mm)		STATIC	CREEP (2)	0-8 km/h	10 km/h (3)	25 km/h (3)	45 km/h (3)
8.25-20	12	WL	6.50	7.00	8.25/9.00-20	V03-02-14	8.25/9.00/10.00/12.00-20	248	985	B	5555	4660	3315	2865	2365	2115
											7.50 bar		7.00 bar		6.50 bar	
8.25-20	14	WL	6.50	7.00	8.25/9.00-20	V03-02-14	8.25/9.00/10.00/12.00-20	248	985	B	6105	5120	3645	3150	2600	2325
											9.00 bar		8.00 bar		7.50 bar	
9.00-20	14	WL	7.00	6.50/7.50	8.25/9.00-20	V03-02-14	8.25/9.00/10.00/12.00-20	279	1043	B	6990	5860	4170	3605	2975	2660
											8.50 bar		7.50 bar		7.00 bar	
10.00-20	14	WL	7.50	7.0/8.0	10.00/11.00-20	V03-02-14	8.25/9.00/10.00/12.00-20	297	1079	B	7455	6255	4450	3850	3175	2840
											7.50 bar		7.00 bar		6.00 bar	
10.00-20	16	WL	7.50	7.0/8.0	10.00/11.00-20	V03-02-14	8.25/9.00/10.00/12.00-20	297	1079	B	8215	6890	4900	4240	3500	3125
											8.50 bar		8.00 bar		7.50 bar	
11.00-20	16	WL	8.00	8.50	10.00/11.00-20	V03-02-14	8.25/9.00/10.00/12.00-20	314	1109	B	8700	7300	5200	4500	3700	3300
											8.50 bar		7.75 bar		7.00 bar	

Specific remarks

(1) a) - Inflation pressure must be respected according to speed condition.
b) - For special operating conditions, cold inflation pressures may be increased up to 0.75 bar (not to exceed the maximum capacity of the rim) with no increase of the loads.
(2) Creep - Motion for not over 200 meters in a 30 minute period.
(3) Maximum travel time 3 hours, minimum stopping time to permit cooling 1/2 hour, on improved surfaces only.

General remarks

see page compactors

WL

SOLIDEAL®
COMPACTOR PNEUMATICS

Tyre Size	Tread pattern		PR (d)	Rim (a)		Tube	Valve	Flap	Tyre dimension max. in service (b)		Speed Symbol (c)	Inflation Pressure (1)	Maximum load versus speed (kg) (1)	
	Type	TRA		Recommended	Approved				Width (mm)	O.D. (mm)		bar	10 km/h	15 km/h
7.50-15 NHS	SM	C1	6	6.00	6.50	700/750/815-15	TR75A	7.00/7.50/8.25-15	232	834	A3	3.50	1730	1385
7.50-15 NHS	SM	C1	10°	6.00	6.50	700/750/815-15	TR75A	7.00/7.50/8.25-15	232	834	A3	6.00	2280	1825
7.50-15 NHS	SM	C1	12	6.00	6.50	700/750/815-15	TR75A	7.00/7.50/8.25-15	232	834	A3	7.50	2615	2090
7.50-15 NHS	SM	C1	14	6.00	6.50	700/750/815-15	TR75A	7.00/7.50/8.25-15	232	834	A3	8.50	2835	2270
8.50/90-15K	SM	C1	6	6.00G/6LB/6L	5.50F(+TUBE)	TBLS	-	-	237	806	A3	3.50	1770	1400
11.00-20	SM	C1	12°	8.00	8.50	10.00/11.00-20	V3-02-14	8.25/9.00/10.00/11.00/12.00-20	317	1117	A3	5.60	4710	3900
11.00-20	SM	C1	16	8.00	8.50	10.00/11.00-20	V3-02-14	8.25/9.00/10.00/11.00/12.00-20	317	1117	A3	7.40	5445	4355
11.00-20	SM	C1	18	8.00	8.50	10.00/11.00-20	V3-02-14	8.25/9.00/10.00/11.00/12.00-20	317	1117	A3	8.40	5900	4720

Specific remarks (1) Loads and inflation pressures are given for specific speeds for compactor service at unlimited distance.

General remarks (a) - Rim dimensions are standardized by TRA, ETRTO or JATMA for size and contour only. Particular tyre and rim combinations are designated to assure proper mounting and fit of the tyre to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturers recommendation even though the tyre may be approved for a higher load or inflation pressure. Rims and wheels may be identified (stamped) with a maximum load and maximum cold inflating rating. For rims and wheels not so identified or for service conditions exceeding the rated capacities, consult the rim and wheel manufacturer to determine rim and wheel capacities for the intended service.

- Safety warning - Use only properly adapted rims recommended by rim manufacturers for maximum psi - Tyre to rim assembly should be done by trained persons using the necessary precautions like lockring restrainer and remote inflator. Under/over inflation may result in tyre failure causing fatal bodily injury - Release air pressure fully before demounting tyre.

(b) The sizes given are according to TRA/ERTRO or JATMA, where available, for use by vehicle manufacturers in designing for tyre clearances. For correct sizes, static loaded radii, rolling circumference values and inflation pressure recommendations, please consult the technical department.

(c) The speed symbol indicates the maximum speed at which the load given by the load index applies. Higher speeds are allowed but at lower loads. Please consult the technical department.

Speed Symbol	Speed (km/h)
A2	10
A3	15
A5	25
A6	30
A7	35
A8	40
B	50

(d) ° Planned

(e) Some useful conversions
1 km/h = 0.622 mph
1 kg = 0.454 lbs
1 bar = 100 kPA = 0.1 Mpa
1 bar = 0.98 kg/cm²
1 bar = 14.5 psi

SM C1

SOLIDEAL®
WHEEL LOADER PNEUMATICS

Tyre dimension	Tread: Continental L2/E2/G2	Tread: Loadmaster L3/E3/G3	Tread: Lifemaster SKZ	Application (1) (2)	Speed Symbol (c)	Rim (a): Terramax	Rim (a): Approved	Tyre dimension (b) max. in service: Width (mm)	OD L2/E2 (mm)	OD L3/E3 (mm)	PR (d)	Maximum Tyre Load (kg) versus inflation pressure (bar): 1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75
15.5-25	■	■		Loader	A2	12.00/1.3	12.00/1.3DC 13.00/1.4DC	437	1328	1381	12					4250	4475	4675	4875	5100	5350	5600							
				Grader	A8		12.00/1.3DC					1900	2000	2180	2500														
				EM	B		12.00/1.3DC 13.00/1.4DC					2350	2575	2775	3000	3250													
15.5-25	■	□		Loader	A2		12.00/1.3DC 13.00/1.4DC				16					4250	4475	4675	4875	5100	5350	5600	5800	6000	6150	6400	6650	6900	
				Grader	A8		12.00/1.3DC					1900	2000	2180	2500	2800	3000												
				EM	B		12.00/1.3DC 13.00/1.4DC					2350	2575	2775	3000	3250	3650	4000											
17.5-25	■	■		Loader	A2	14.00/1.5	14.00/1.3DC 13.00/1.4DC	494	1405	1460	12		4250	4500	4750	5050	5350	5600	5900	6150									
				Grader	A8		14.00/1.3DC 13.00/1.4DC					2350	2625	2900															
				EM	B		14.00/1.3DC 13.00/1.4DC					2800	3100	3375	3650														
	■	■		Loader	A2		14.00SDC				16		4250	4500	4750	5050	5350	5600	5900	6150	6400	6650	6900	7100	7300				
				Grader	A8		14.00SDC					2350	2625	2900	2900	3100	3350												
				EM	B		14.00SDC					2800	3100	3375	3650	3850	4050	4250											
		■		Loader	A2		14.00SDC				20		4250	4500	4750	5050	5350	5600	5900	6150	6400	6650	6900	7100	7300	7500	7750	8000	8250
				EM	B		14.00SDC					2800	3100	3375	3650	3850	4050	4250	4450	4650	4850	5000							
20.5-25	■			Loader	A2	17.00/2.0	17.00/1.7SDC/DC	577	1561	1621	12		5500	5900	6300	6700														
				Grader	A8							3325	3550																
				EM	B							3800	4150	4500															
	■	■	■	Loader	A2						16		5500	5900	6300	6700	7100	7500	7900	8250									
				Grader	A8							3325	3550	3775	4000														
				EM	B							3800	4150	4500	4825	5150	5450												
	□	■		Loader	A2						20		5500	5900	6300	6700	7100	7500	7900	8250	8550	8875	9200	9500					
				EM	B							3800	4150	4500	4825	5150	5450	5750	6000										
23.5-25		□		Loader	A2	19.50/2.5		663	1696	1756	16		7000	7500	8000	8500	9000	9500											
				Grader	A8							4000	4375	4750															
				EM	B								5300	5750	6150														
		■		Loader	A2						20		7000	7500	8000	8500	9000	9500	10000	10400	10900								
				EM	B								5300	4750	6150	6550	6950	7300											
		□		Loader	A2						24		7000	7500	8000	8500	9000	9500	10000	10400	10900	11300	11700	12100	12500				
				EM	B								5300	4750	6150	6550	6950	7300	7650	8000									
26.5-25		□		Loader	A2	22.00/3.0		747	1839	1891	20		9500	10000	10500	11000	11500	12050	12650	13200									
				EM	B								6750	7300	7800	8250													
		■		Loader	A2						24		9500	10000	10500	11000	11500	12050	12650	13200	13600	14000							
				EM	B								6750	7300	7800	8250	8750	9250											
		□		Loader	A2						26		9500	10000	10500	11000	11500	12050	12650	13200	13600	14000	14500	15000					
				EM	B								6750	7300	7800	8250	8750	9250	9650										
		□		Loader	A2						28		9500	10000	10500	11000	11500	12050	12650	13200	13600	14000	14500	15000	15500				
				EM	B								6750	7300	7800	8250	8750	9250	9650	10000									

Specific remarks (1) For EM applications at lower speeds, for static loads and for industrial applications please consult the technical department. The classification "Loader" is valid for applications where goods are picked up and dumped at low speeds of about 10km/h and short distances of about 100m. The classification "Grader" is valid for maximum speeds of 40km/h. The classification "EM" stands for transport of the load over a longer distance, unloading and empty way back to the loading area. The given load and pressures apply to distances of maximum 4 km. For longer distances please consult the technical department. For combined Loading and Transport applications over several hunderd meters at a maximum speed of 25km/h the permissible tyre loads are in between Loader and EM.

(2) Because of the extra heavy construction of EM tyres, following precautions should be taken when driving or towing the vehicle from site to site:

1. Vehicles must be empty during transit.
2. The tyre pressure must be increased by 30%
3. A cooling-off period should be done after each hour of journey.

■ Available

□ Planned

General remarks see page compactors

SKZ LIFEMASTER | LOADMASTER L2/E2/G2 | LOADMASTER L3/E3/G3

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