

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) kPa	Maximum load versus speed (daN) (1)	
	Type	TRA		Recommended	Approved				Width (mm)	O.D. (mm)			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	350	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	600	2280	1824
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	750	2615	2092
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	850	2835	2268
8.50/90-15K	SM	C1	6	6.00G/6LB/6L	5.50F(+TUBE)	TBLS	-	-	237	806	A3	350	1770	1400
11.00-20	SM	C1	12°	8.00	8.50				317	1117	A3			
11.00-20	SM	C1	16°	8.00	8.50				317	1117	A3	750	5445	4356
11.00-20	SM	C1	18°	8.00	8.50				317	1117	A3			

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 locking 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) ° Available later 2002/2003



SM C1

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 (daN)					
Size	Type	Type	TRA	Recommended	Approved		Width (mm)	O.D. (mm)					kPa	0km/h	15km/h	25km/h	30km/h	40km/h
11L-15SL	IMP	MR	F3	8LB-15	10LB-15	TBLS	305	847	A8	8		250		1325			1150	
11L-15SL	IMP	MR	F3	8LB-15	10LB-15	TBLS	305	847	A8	10		300		1520			1320	
11L-16SL	IMP	MR	F3	8LB-16	W8L,10LB,W10L-16	TBLS	305	873	A8	10		300		1565			1360	
11L-16SL	IMP	MR	F3	8LB-16	W8L,10LB,W10L-16	TBLS	305	873	A8	12		360		1790			1555	
14.5/75-16.1SL	AGRI	MR	F3	16,1XW11C		TBLS	373	940	A8	10		280	4350	2175	1855	1610	1450	
10.5/80-18	IMP	SL	R4	W9-18	W8-18,9-18	TBLS	288	930	A6	10	Drive	370	3220	1645	1455	1360	1225	
									A6		Free Rolling (3)	370	3220	2360	2085	1950	11755	
10.5/80-18	IMP	SL	R4	W9-18	W8-18,9-18	TBLS	288	930	A6	12	Drive	440	3500	1815	1605	1500	1350	
									A6		Free Rolling (3)	440	3500	2565	2270	2120	1910	
12.5/80-18	IMP	SL	R4	W9-18	11-18	TBLS	322	1014	A6	10°	Drive	310	4010	2055	1820	1700	1530	
									A6		Free Rolling(3)	310	4010	2940	2600	2430	2185	
12.5/80-18	IMP	SL	R4	W9-18	11-18	TBLS	322	1014	A6	12	Drive	370	4375	2240	1980	1850	1665	
									A6		Free Rolling (3)	370	4375	3205	2835	2650	2385	
14.9-24	IND	SL	R4	W13-24	W11-24,W12-24	TBLS	409	1279	A8	6°	Cyclic (4)	170	4485	2615	2165	2085	1950	1775
									A8		Constant (5)	170	4485	2205	2065	2030	1950	1775
14.9-24	IND	SL	R4	W13-24	W11-24,W12-24	TBLS	409	1279	A8	8	Cyclic (4)	210	5290	3080	2555	2460	2300	2095
									A8		Constant (5)	210	5290	2600	2440	2390	2300	2095
14.9-24	IND	SL	R4	W13-24	W11-24,W12-24	TBLS	409	1279	A8	12	Cyclic (4)	290	6670	3885	3220	3105	2900	2640
									A8		Constant (5)	290	6670	3275	3075	3015	2900	2640
16.9-24	IND	SL	R4	W15L-24	W14L-24	TBLS	464	1351	A8	8°	Cyclic (4)	190	6095	3550	2940	2835	2650	2410
									A8		Constant (5)	190	6095	2995	2810	2755	2650	2410
16.9-24	IND	SL	R4	W15L-24	W14L-24	TBLS	464	1351	A8	10	Cyclic (4)	220	6900	4020	3330	3210	3000	2730
									A8		Constant (5)	220	6900	3390	3180	3120	3000	2730
16.9-24	IND	SL	R4	W15L-24	W14L-24	TBLS	464	1351	A8	12°	Cyclic (4)	260	7475	4355	3610	3480	3250	2960
									A8		Constant (5)	260	7475	3675	3445	3380	3250	2960
17.5L-24	IND	SL	R4	W15L-24	W14L-24	TBLS	480	1278	A8	6	Cyclic (4)	140	4600	2680	2220	2140	2000	1820
									A8		Constant (5)	140	4600	2260	2120	2080	2000	1820
17.5L-24	IND	SL	R4	W15L-24	W14L-24	TBLS	480	1278	A8	8	Cyclic (4)	170	5590	3255	2695	2600	2430	2210
									A8		Constant (5)	170	5590	2745	2575	2525	2430	2210
17.5L-24	IND	SL	R4	W15L-24	W14L-24	TBLS	480	1278	A8	10	Cyclic (4)	220	6440	3750	3110	2995	2800	2550
									A8		Constant (5)	220	6440	3165	2970	2910	2800	2550
19.5L-24	IND	SL	R4	W16L-24	DW16A,W15L-24	TBLS	535	1356	A8	10°	Cyclic (4)	190	7075	4120	3415	3290	3075	2800
									A8		Constant (5)	190	7075	3475	3260	3200	3075	2800
19.5L-24	IND	SL	R4	DW16A-24	W16L-24	TBLS	535	1356	A8	12	Cyclic (4)	230	7935	4625	3830	3690	3450	3140
									A8		Constant (5)	230	7935	3900	3655	3590	3450	3140
21L-24	IND	SL	R4	W18L-24	DW18A-24	TBLS	576	1424	A8	10°	Cyclic (4)	180	7705	4490	3720	3585	3350	3050
									A8		Constant (5)	180	7705	3785	3550	3485	350	3050
21L-24	IND	SL	R4	DW18A-24	W18L-24	TBLS	576	1424	A8	12	Cyclic (4)	220	8915	5195	4300	4145	3875	3525
									A8		Constant (5)	220	8915	4380	4110	4030	3875	3525
18.4-26	IND	SL	R4	W16L-26	DW16A,W15L-26	TBLS/TT	505	1523	A8	12	Cyclic (4)	250	9200	5360	4440	4280	4000	3640
									A8		Constant (5)	250	9200	4520	4240	4160	4000	3640
18.4-26	IND	SL	R1	W16L-26	DW16A,W15L-26	TBLS/TT	505	1523	A8	12°	Cyclic (4)	250	9200	5360	4440	4280	4000	3640
									A8		Constant (5)	250		4520	4240	4160	4000	3640
16.9-28	IND	SL	R4	W15L-28	W14L-28	BLS/TT	464	1452	A8	8	Cyclic (4)	190	6670	3885	3220	3105	2900	2640
									A8		Constant (5)	190	6670	3275	3075	3015	2900	2640
16.9-28	IND	SL	R4	W15L-28	W14L-28	TBLS/TT	464	1452	A8	10°	Cyclic (4)	220	7245	4220	3495	3370	3150	2865
									A8		Constant (5)	220	7245	3560	3340	3275	3150	2865
16.9-28	IND	SL	R4	W15L-28	W14L-28	TBLS/TT	464	1452	A8	12	Cyclic (4)	260	8165	4755	3940	3800	3550	3230
									A8		Constant (5)	260	8165	4010	3765	3690	3550	3230
18.4-28	IND	SL	R4	W16L-28	W15L-28	TBLS/TT	504	1500	A8	10°	Cyclic (4)	210	8165	4755	3940	3800	3550	3230
									A8		Constant (5)	210	8165	4010	3765	3690	3550	3230
18.4-28	IND	SL	R4	W16L-28	W15L-28	TBLS/TT	504	1500	A8	12	Cyclic (4)	250	9490	5530	4580	4415	4125	3755
									A8		Constant (5)	250	9490	4660	4375	4290	4125	3755

- 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