



YOUR DISTRIBUTOR



PRODUCT RANGE

2006

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PRODUCT RANGE

INTRODUCTION



This manual is a useful reference book for tyre dealers, distributors, endusers, tractor manufacturers about TAURUS AGROTYRE's products.

It contains the whole product range, the products' features, special advantages, their detailed technical data and recommendations relating to the tyres' operation.

Technical parameters of the tyres correspond to the E.T.R.T.O. recommendations.

Compiling the manual we endeavoured to make it the most complete possible but easy to use at the same time. Naturally, despite all our efforts you may find some errors in it, so in case of any problem or for further information and professional advice on tyres, please contact your tyre dealer.



POINT 8

POINT 70

POINT 7

POINT 7
SPECIAL

POINT 65

RC95



TAURUS

A LOGICAL CHOICE

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AGRICULTURAL TYRE SIZE MARKING

RADIAL TYRES



16.9 section width (in inches) of the tyre when mounted on its recommended rim

R radial construction

30 nominal rim diameter (in inches)

16.9 R 30



480 section width (in mm) of the tyre when mounted on its recommended rim

70 aspect ratio H/B (%)

R radial construction

34 nominal rim diameter (in inches)

480/70 R 34

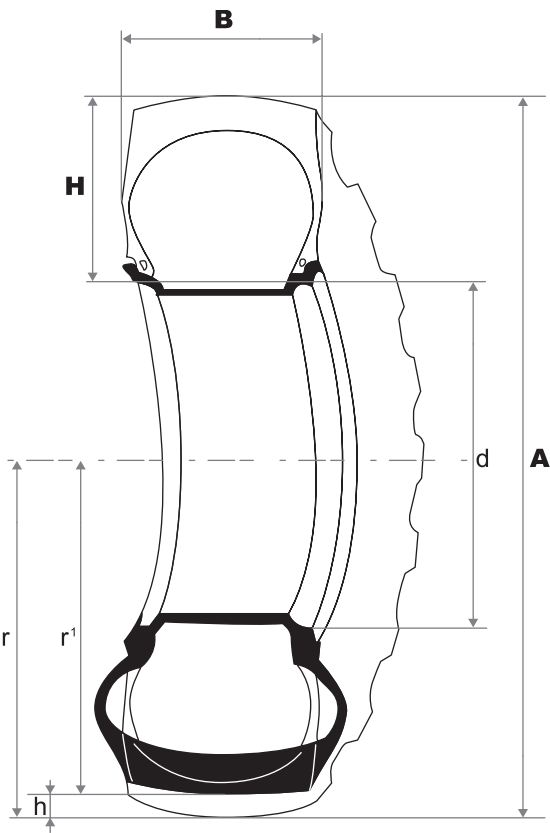
CROSS-PLY (BIAS) TYRES



7,50 section width (in inches) of the tyre when mounted on its recommended rim

16 nominal rim diameter (in inches)

7,50-16



- A:** Outside diameter of the tyre
- B:** Section width
- H:** Section height
- d:** Tyre bead diameter
- r:** Unloaded radius
- r':** Loaded radius
- h:** load deflection when the tyre is loaded

LI-SI ON TAURUS RADIAL TYRES



134 A2 **★★★★** **123 A8**

Nominal inflation pressure

SI A2=10 km/h SI A8=40 km/h

LI 134=2120 kg LI 123=1550 kg

- ★ 160 kPa (1.6 bar)
- ★★ 240 kPa (2.4 bar)
- ★★★ 320 kPa (3.2 bar)
- ★★★★ 360 kPa (3.6 bar)

Speed index Speed (km/h)

A2	10
A5	25
A6	30
A8	40
B	50

Conversion table of units :

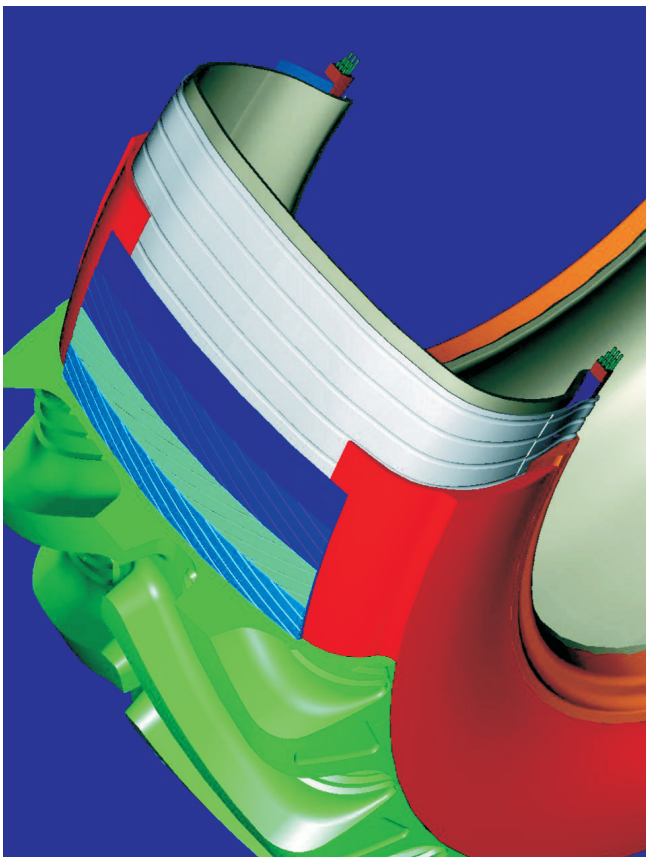
1 centimeter	cm	= 0,3937"
1 inch	inch	= 2,54 cm
1 meter	m	= 3,281 ft
1 foot	ft	= 0,3048 m
1 kilometer	km	= 0,6214 mile
1 mile	mile	= 1,6093 km
1 liter		= 0,21 imp. Gall
1 imperial gallon	imp. Gall	= 4,55 liter
1 kilogram	kg	= 2,205 lb
		= 1 daN
1 pound	lb	= 0,454 kg
1 bar	bar	= 100 kPa

SYSTEM OF LOAD INDICES

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
84	500	103	875	122	1.500	141	2.575	160	4.500	179	7.750
85	515	104	900	123	1.550	142	2.650	161	4.625	180	8.000
86	530	105	925	124	1.600	143	2.725	162	4.750	181	8.250
87	545	106	950	125	1.650	144	2.800	163	4.875	182	8.500
88	560	107	975	126	1.700	145	2.900	164	5.000	183	8.750
89	580	108	1.000	127	1.750	146	3.000	165	5.150	184	9.000
90	600	109	1.030	128	1.800	147	3.075	166	5.300	185	9.250
91	615	110	1.060	129	1.850	148	3.150	167	5.450	186	9.500
92	630	111	1.090	130	1.900	149	3.250	168	5.600	187	9.750
93	650	112	1.120	131	1.950	150	3.350	169	5.800	188	10.000
94	670	113	1.150	132	2.000	151	3.450	170	6.000	189	10.300
95	690	114	1.180	133	2.060	152	3.550	171	6.150	190	10.600
96	710	115	1.215	134	2.120	153	3.650	172	6.300	191	10.900
97	730	116	1.250	135	2.180	154	3.750	173	6.500	192	11.200
98	750	117	1.285	136	2.240	155	3.875	174	6.700	193	11.500
99	775	118	1.320	137	2.300	156	4.000	175	6.900	194	11.800
100	800	119	1.360	138	2.360	157	4.125	176	7.100	195	12.150
101	825	120	1.400	139	2.430	158	4.250	177	7.300		
102	850	121	1.450	140	2.500	159	4.375	178	7.500		

TEXTILE RADIAL AGRICULTURAL TYRES

COMBINATION FITMENT



The casing of the radial tyres consists of cords running at 90° to the direction of travel. The radial plies are reinforced by the belt plies with the cords forming an acute angle with the crown line of the tyre and the cord direction of each successive belt ply alternates producing a criss-cross pattern.

Advantages of radial tyres

The number of casing plies can be considerably reduced while retaining the casing strenght. The thinner carcass generates less heat build up when rolling thus providing longer service life of the tyre.

- The more flexible sidewalls give the benefit of smoothe running and better riding comfort.
- The reduced rolling resistance results in lower fuel consumption (5-10%).
- Due to the lower lug movement the radial tyres provide better tread wear thus longer tyre life.
- The belt plies ensure evener soil pressure, the radial construction results in larger ground contact area providing reduced soil compaction, which increases crop capacity of the fields.
- Due to the special lug shape the radial tyre will slip less thus improviding field efficiency of the tyre (it covers more hectares per hour).

STANDARD TYRES	LOW PROFILE TYRES			NARROW TYRES
POINT 8	POINT 7 SPECIAL	POINT 7 & POINT 70	POINT 65	SOILSAVER RC95
		300/70 R 20		
11.2 R 20		300/70 R 20		
		300/70 R 20		
		300/70 R 24		
8.3 R 24				
9.5 R 24				
11.2 R 24		320/70 R 24		
12.4 R 24		360/70 R 24		
13.6 R 24		380/70 R 24		
14.9 R 24		420/70 R 24		230/95 R 32
16.9 R 24				230/95 R 32
				210/95 R 36
				270/95 R 32
9.5 R 28				
11.2 R 28		320/70 R 28		
11.4 R 28		360/70 R 28		230/95 R 32
13.6 R 28		380/70 R 28	440/65 R 28	230/95 R 32
				270/95 R 32
14.9 R 28		420/70 R 28	480/65 R 28	230/95 R 36
				270/95 R 32
16.9 R 28		480/70 R 28	540/65 R 28	270/95 R 36
14.9 R 30		420/70 R 30		270/95 R 36
16.9 R 30		480/70 R 30		270/95 R 38
18.4 R 30				
12.4 R 32				230/95 R 36
				270/95 R 32
				230/95 R 44
16.9 R 34		480/70 R 34		270/95 R 42
				230/95 R 44
18.4 R 34		520/70 R 34		230/95 R 48
				270/95 R 44
12.4 R 36				
13.6 R 36				
13.6 R 38				230/95 R 44
14.9 R 38				
	400/75 R 38			230/95 R 44
16.9 R 38		480/70 R 38	540/65 R 38	230/95 R 48
18.4 R 38		520/70 R 38	600/65 R 38	270/95 R 48
				300/95 R 46
				27/095 R 48
20.8 R 38		580/70 R 38	650/65 R 38	300/95 R 46
				340/85 R 48
20.4 R 42				

PRODUCT RANGE

RADIAL TYRES

RADIAL TYRES



point 8

- Normal section tyres with up-to-date profile
- New appearance
- Tubeless

Rim diameter (*)	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]							
								Speed [km/h]	Inflation pressure [bar]						
									0,6	0,8	1	1,2	1,4	1,6	
ETRTO standard															
20	11,2 R 20 TL 111 A8 108 B POINT 8														
	284	995	454	2917	75	W10	W7 W8 W9	10	810	955	1090	1215	1325	1435	1635
								30	655	780	885	985	1080	1165	
								40	615	725	830	920	1010	1090	
								50						1000	
24	8,3 R 24 TL 104 A8 101 B POINT 8														
	211	987	454	2968	46	W7	W6	10	665	790	900	1000	1095	1185	1350
								30	545	640	730	815	890	965	
								40	505	600	685	760	830	900	
								50						825	
	9,5 R 24 TL 107 A8 104 B POINT 8														
	241	1040	468	3160	57	W8	W8L W7	10	725	855	975	1085	1185	1285	1465
								30	590	695	790	880	965	1045	
								40	550	650	740	825	90	975	
								50						900	
	11,2 R 24 TL 114 A8 111 B POINT 8														
	284	1095	497	3222	80	W10	W9 DW10	10	875	1035	1180	1315	1435	1555	1770
								30	710	840	960	1065	1170	1265	
								40	665	785	895	995	1090	1180	
								50						1090	
	12,4 R 24 TL 119 A8 116 B POINT 8														
	315	1145	513	3473	116	W11	W9 W10 DW10 DW11	10	1195	1360	1440	1515	1655	1790	2040
								30	970	1105	1170	1230	1345	1455	
								40	905	1035	1090	1150	1260	1360	
								50						1250	
	13,6 R 24 TL 121 A8 118 B POINT 8														
	345	1190	535	3578	137	W12	DW12 DW11 W11	10	1075	1275	1450	1615	1765	1910	2175
								30	875	1035	1180	1310	1435	1550	
								40	815	965	1100	1225	1340	1450	
								50						1320	

Note: * Calculated value
* Measured value

Rim diameter ["]	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]							
								Speed [km/h]	Inflation pressure [bar]						
									0,6	0,8	1	1,2	1,4	1,6	2
ETRTO standard															
24	14,9 R 24 TL 126 A8 123 B POINT 8														
	378	1245	560	3710	176	W13	DW-W12 DW-W11 DW13	10	1260	1490	1700	1890	2070	2240	2550
								30	1025	1215	1380	1535	1680	1820	
								40	960	1135	1290	1435	1570	1700	
								50						1550	
16,9 R 24 TL 134 A8 131 B POINT 8															
429	1320	588	3882	208	W15L	DW-W14L DW15L	10	1570	1860	2120	2360	2580	2790	3180	
							30	1280	1510	1725	1915	2100	2270		
							40	1195	1415	1610	1790	1960	2120		
							50						1950		
28	9,5 R 28 TL 109 A8 106 B POINT 8														
	241	1140	521	3457	65	W8	W8L W7	10	765	905	1030	1145	1255	1355	1545
								30	620	735	835	930	1020	1100	
								40	580	685	780	870	955	1030	
								50						950	
11,2 R 28 TL 116 A8 113 B POINT 8															
284	1200	554	3622	99	W10	W10L DW10 W9	10	925	1095	1150	1390	1520	1645	1875	
							30	755	890	1015	1130	1235	1340		
							40	705	835	950	1055	1155	1250		
							50						1140		
12,4 R 28 TL 121 A8 118 B POINT 8															
315	1250	573	3770	128	W11	W9 W10 DW10 DW11	10	1075	1275	1450	1615	1765	1910	2175	
							30	875	1035	1180	1310	1435	1550		
							40	815	965	1100	1225	1340	1450		
							50						1320		
13,6 R 28 TL 123 A8 120 B POINT 8															
345	1295	579	3817	150	W12	DW-W11 DW12	10	1150	1360	1550	1725	1885	2040	2325	
							30	935	1105	1260	1400	1535	1660		
							40	875	1035	1175	1310	1435	1550		
							50						1400		
14,9 R 28 TL 128 A8 125 B POINT 8															
378	1350	603	3999	193	W13	DW-W12 DW13	10	1335	1580	1800	2005	2190	2370	2700	
							30	1085	1285	1465	1630	1780	1925		
							40	1015	1200	1365	1520	1665	1800		
							50						1650		
16,9 R 28 TL 136 A8 133 B POINT 8															
429	1420	628	4240	248	W15L	W14L DW14L DW15L	10	1660	1965	2240	2490	2725	2950	3360	
							30	1350	1600	1820	2025	2215	2395		
							40	1260	1495	1700	1895	2070	2240		
							50						2040		
30	14,9 R 30 TL 129 A8 126 B POINT 8														
	378	1400	634	4185	211	W13	DW-W12 DW-W11 DW13	10	1370	1625	1850	2060	2250	2435	2775
								30	1115	1320	1505	1675	1830	1980	
								40	1040	1235	1405	1565	1710	1850	
								50						1700	

Rim diameter (")	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]							
								Speed [km/h]	Inflation pressure [bar]						
									0,6	0,8	1	1,2	1,4	1,6	2
30	16,9 R 30 TL 137 A8 134 B POINT 8														
	429	1475	655	4343	268	W15L	DW-W14L DW15L	10	1705	2020	2300	2560	2800	3030	3450
								30	1385	1640	1870	2080	2275	2460	
								40	1295	1535	1745	1945	2125	2300	
								50						2120	
18,4 R 30 T 142 A8 139 B POINT 8															
467	1545	676	4613	350	W16L	W15L DW15L DW16L	10	1965	2325	2650	2950	3225	3490	3475	
							30	1595	1890	2155	2395	2620	2835		
							40	1495	1765	2015	2240	2450	2650		
							50						2430		
32							12,4 R 32 TL 122 A8 119 B POINT 8								
	315	1350	610	4016	137	W11	DW-W10 DW11	10	1110	1315	1500	1670	1825	1975	2250
								30	905	1070	1220	1355	1485	1605	
								40	845	1000	1140	1270	1385	1500	
								50						1360	
34	16,9 R 34 TL 139 A8 136 B POINT 8														
	429	1575	706	4672	288	W15L	DW-W14L DW15L	10	1800	2135	2430	2705	2960	3200	3645
								30	1465	1735	1975	2195	2405	2600	
								40	1370	1620	1845	2055	2245	2430	
								50						2240	
18,4 R 34 TL 144 A8 141 B POINT 8															
467	1645	740	4890	362	W16L	DW-W15L DW16L	10	2075	2455	2800	3135	3410	3685	4200	
							30	1690	1995	2275	2530	2770	2995		
							40	1575	1865	2125	2365	2590	2800		
							50						2575		
36							12,4 R 36 TL 124 A8 121 B POINT 8								
	315	1450	669	4375	152	W11	DW11 W10 W10L DW10 W9	10	1185	1405	1600	1780	1950	2105	2400
								30	965	1140	1300	1445	1585	1710	
								40	900	1065	1215	1350	1480	1600	
								50						1455	
13,6 R 36 TL 127 A8 124 B POINT 8															
345	1500	685	4473	189	W12	DW12 W-DW11	10	1300	1535	1750	1945	2130	2305	2625	
							30	1055	1250	1420	1580	1730	1875		
							40	985	1165	1330	1480	1620	1750		
							50						1600		
13,6 R 38 TL 128 A8 125 B POINT 8															
345	1550	710	4646	206	W12	DW12 W-DW11	10	1335	1580	1800	2005	2190	2370	2700	
							30	1085	1285	1465	1630	1780	1925		
							40	1015	1200	1365	1520	1665	1800		
							50						1650		

Note: * Calculated value
* Measured value

Rim diameter ["]	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Speed [km/h]	Load/tyre [kg]						
	ERTO standard	Inflation pressure [bar]													
		0,6	0,8	1	1,2	1,4			1,6	2					
30	14,9 R 38 TL 133 A8 130 B POINT 8														
	378	1600	725	4811	235	W13	DW-W12 DW-W11 DW13	10	1530	1810	2060	2290	2510	2710	3090
								30	1240	1470	1675	1865	2040	2205	
								40	1160	1375	1565	1740	1905	2060	
								50						1875	
	16,9 R 38 TL 141 A8 138 B POINT 8														
	429	1675	756	5030	313	W15L	DW-W14L DW15L	10	1910	2260	2575	2865	3135	3390	3865
								30	1550	1835	2095	2330	2550	2755	
								40	1450	1715	1955	2175	2380	2575	
								50						2360	
	18,4 R 38 TL 146 A8 143 B POINT 8														
	467	1750	783	5205	418	W16L	DW16L DW-W15L	10	2225	2635	3000	3340	3655	3950	4500
								30	1810	2140	2440	2715	2970	3210	
								40	1690	2000	2280	2535	2775	3000	
								50						2725	
	20,8 R 38 TL 153 A8 150 B POINT 8														
528	1835	820	5456	519	W18L	DW18L DW-W16L	10	2705	3205	3650	4060	4445	4805	5475	
							30	2200	2605	2975	3300	3610	3905		
							40	2055	2435	2775	3485	3375	3650		
							50						3350		
42	20,8 R 42 TL 155 A8 152 B POINT 8														
	528	1935	867	5755	547	W18L	DW-W16L DW18L	10	2875	3400	3875	4310	4720	5100	5815
								30	2335	2765	3150	3505	3835	4145	
								40	2185	2585	2945	3275	3585	3875	
								50						3550	

Note: * Calculated value
* Measured value



point 70

- The advantages of a wide tyre for working in the fields.
Improved traction, reduced rutting
- Extra robust for farm work:
Greater load capacity,
high resistance to separation

Rim diameter ["]	Section [mm]	Diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]								
	ETRTO standard	Speed [km/h]						Inflation pressure [bar]								
								0,6	0,8	1	1,2	1,4	1,6	1,8	2	
24	320/70 R24 TL 116A8/116B POINT 70															
	319	1094	489	3246	94	W10	W9 DW10	10	1000	1120	1250	1360	1500	1650	1750	1900
								30	730	850	975	1120	1215	1360		
								40		800	925	1030	1150	1250		
								50		800	925	1030	1150	1250		
	360/70 R24 TL 122A8/122B POINT 70															
	357	1152	513	3416	123	W11	(D)W10 DW11 (D)W12	10	1180	1320	1500	1650	1800	1950	2120	2240
								30	875	1030	1180	1320	1450	1600		
								40		950	1090	1250	1360	1500		
								50		950	1090	1250	1360	1500		
	380/70 R24 TL 125A8/125B POINT 70															
	380	1190	525	3521	140	W12	(D)W11 DW12 (D)W13	10	1285	1450	1600	1800	1950	2120	2300	2430
								30	950	1120	1285	1450	1600	1750		
								40		1060	1180	1360	1500	1650		
								50		1060	1180	1360	1500	1650		
	420/70 R24 TL 130A8/130B POINT 70															
418	1248	554	3690	194	W13	(D)W12 DW13 (D)W14L	10	1500	1700	1900	2060	2300	2500	2650	2900	
							30	1120	1320	1500	1700	1850	2060			
							40		1215	1400	1550	1750	1900			
							50		1215	1400	1550	1750	1900			
480/70 R24 TL 138A8/138B POINT 70																
479	1316	577	3888	241	W15L	W14L W16L	10	2100	2340	2580	2820	3060	3300	3540	3787	
							30	1380	1600	1820	2050	2270	2525			
							40		1500	1700	1950	2120	2360			
							50		1500	1700	1950	2120	2360			
28	360/70 R28 TL 125A8/125B POINT 70															
	357	1251	563	3717	138	W11	(D)W10 DW11 (D)W12	10	1285	1450	1600	1750	1950	2120	2300	2430
								30	950	1120	1250	1400	1600	1750		
								40		1030	1180	1320	1500	1650		
								50		1030	1180	1320	1500	1650		

Note: * Calculated value
 ° Measured value

Rim diameter ["]	Section [mm]	Diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Speed [km/h]	Load/tyre [kg]								
									Inflation pressure [bar]								
	ERTO standard	0,6	0,8	1	1,2	1,4	1,6		1,8	2							
28	380/70 R28 TL 127A8/127B POINT 70																
	380	1293	582	3842	156	W12	(D)W11 DW12 (D)W13	10	1400	1550	1750	1950	2120	2300	2500	2650	
								30	1030	1215	1360	1550	1700	1900			
								40		1120	1285	1450	1600	1750			
								50		1120	1285	1450	1600	1750			
	420/70 R28 TL 133A8/133B POINT 70																
	418	1349	605	4008	219	W13	(D)W12 DW13 (D)W14L	10	1600	1800	2060	2240	2430	2650	2900	3075	
								30	1215	1400	1600	1800	2000	2180			
								40		1320	1500	1700	1850	2060			
								50		1320	1500	1700	1850	2060			
	480/70 R28 TL 140A8/140B POINT 70																
	479	1421	632	4214	293	W15L	(D)W14L DW15L (D)W16L	10	2000	2240	2500	2725	3000	3250	3550	3750	
30								1450	1700	1950	2180	2430	2725				
40									1600	1850	2060	2300	2500				
50									1600	1850	2060	2300	2500				
30	480/70 R30 TL 141A8/141B POINT 70																
	479	1478	662	4392	307	W15L	(D)W14L DW15L (D)W16L	10	2080	2330	2580	2840	3090	3350	3600	3860	
								30	1500	1770	2030	2270	2525	2760			
								40		1650	1900	2120	2360	2575			
								50		1650	1900	2120	2360	2575			
34	480/70 R34 TL 143A8/143B POINT 70																
	479	1580	710	4701	334	DW15L	(D)W14L W15L (D)W16L	10	2120	2360	2650	2900	3250	3450	3750	4000	
								30	1550	1850	2120	2360	2650	2900			
								40		1700	1950	2180	2430	2725			
								50		1700	1950	2180	2430	2725			
34	520/70 R34 TL 148A8/148B POINT 70																
	516	1640	737	4874	398	W16L	(D)W15L DW16L (D)W18L	10	2430	2800	3075	3450	3750	4000	4375	4625	
								30	1800	2120	2430	2725	3075	3350			
								40		2000	2300	2575	2800	3150			
								50		2000	2300	2575	2800	3150			
38	480/70 R38 TL 145A8/145B POINT 70																
	479	1681	761	5010	362	W15L	(D)W14L DW15L (D)W16L	10	2300	2575	2900	3150	3450	3750	4125	4375	
								30	1700	2000	2300	2575	2800	3150			
								40		1850	2120	2360	2650	2900			
								50		1850	2120	2360	2650	2900			
	520/70 R38 TL 150A8/150B POINT 70																
	516	1749	788	5229	434	DW16L	(D)W15L W16L (D)W18L	10	2650	3000	3350	3750	4000	4375	4750	5150	
								30	2000	2300	2650	3000	3350	3650			
								40		2180	2500	2800	3075	3350			
								50		2180	2500	2800	3075	3350			
	580/70 R38 TL 155A8/155B POINT 70																
	577	1827	821	5436	557	DW18L	W18L	10	3075	3450	3875	4250	4625	5000	5450	5800	
30								2240	2650	3000	3450	3750	4125				
40									2500	2800	3150	3550	3875				
50									2500	2800	3150	3550	3875				

Note: * Calculated value
° Measured value

PRODUCT RANGE

RADIAL TYRES

RADIAL TYRES



point 7

- Less soil compaction
- Reduced inflation pressure
- Higher load capacity
- Higher traction



point 7
special

- Special tread pattern
- Excellent traction
- Good self-cleaning properties
- Tubeless

Rim diameter ["]	Section width [mm]	Outside diameter [mm]	Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]							
	Inflation pressure [bar]								Speed [km/h]						
	MEASURED VALUE							0,6	0,8	1	1,2	1,4	1,6	2	
20	300/70 R 20 TL 110 A8 107 B POINT 7														
	293	943	420	2796	68	W9	DW-W10 W8	10	785	930	1060	1180	1290	1395	1590
								30	640	755	860	960	1050	1135	
								40			805	895	980	1060	
								50						975	
	320/70 R20 TL 113 A8 110 B POINT 7														
	319	984	438	2917	80	W10	W9 DW10	10	855	1010	1150	1280	1400	1515	1725
								30	695	820	935	1040	1140	1230	
								40			875	970	1065	1150	
								50						1060	
	360/70 R 20 TL 120 A8 117 B POINT 7														
	366	1042	459	3082	111	W11	DW-W10 DW-W12 DW11	10	1040	1230	1400	1560	1705	1845	2100
								30	845	1000	1140	1265	1385	1500	
								40			1065	1185	1295	1400	
								50						1285	
28	320/70 R 28 TL 119 A8 116 B POINT 7														
	319	1187	537	3559	103	W10	W9 DW10	10	1010	1195	1360	1515	1655	1790	2040
								30	820	970	1105	1230	1345	1455	
								40			1035	1150	1260	1360	
								50						1250	
30	420/70 R 30 TL 134 A8 131 B POINT 7														
	419	1396	629	4150	214	W13	DW-W12 DW-W14L DW13	10	1570	1860	2120	2360	2580	2790	3180
								30	1280	1510	1725	1915	2100	2270	
								40			1610	1790	1960	2120	
								50						1950	

Note: * Calculated value

Rim diameter ["]	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]							
								Speed [km/h]	Inflation pressure [bar]						
									0,6	0,8	1	1,2	1,4	1,6	2
ETRTO standard															
38	400/75 R 38 TL 134 A8 131 B POINT 7 SPECIAL														
	404	1565	707	4711	235	W13	DW-W12 DW-W14L DW13	10	1570	1860	2120	2360	2580	2790	3180
								30	1280	1510	1725	1915	2100	2270	
								40	1195	1415	1610	1790	1960	2120	
								50						1950	

Note: * Calculated value
* Measured value

PRODUCT RANGE

RADIAL TYRES

RADIAL TYRES



point 65

- New soilprotecting tread pattern
- Lower inflation pressure
- Higher yield
- Tubeless

RC 95
soilsaver

- Suitable to cultivate row crops
- Increases utilization of crop land
- Protects plants
- Tubeless

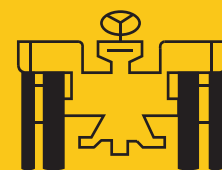
Rim diameter ["]	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [75% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]							
	ETRTO standard	Inflation pressure [bar]													
		Speed [km/h]						0,6	0,8	0,9	1	1,1	1,2	1,5	
28	440/65 R 28 TL 124 A8 121 B POINT 65														
	441	1283	571	3872	188	W14L	DW14L DW-W13 DW-W12	10	1405	1660	1780	1895	2000	2105	2400
								30	1140	1350	1445	1540	1625	1710	
								40	1065	1260	1350	1440	1520	1600	
								50						1450	
	480/65 R 28 TL 129 A8 126 B POINT 65														
	479	1335	583	3927	225	W15L	DW-W14L DW-W13 DW15L	10	1625	1920	2060	2190	2315	2435	2775
								30	1320	1560	1675	1780	1880	1980	
								40				1665	1760	1850	
								50						1700	
	540/65 R 28 TL 137 A8 134 B POINT 65														
	550	1413	614	4190	293	W16L	DW-W15L DW-W14L DW16L DW-W18L	10	2020	2390	2560	2720	2880	3030	3450
								30	1640	1940	2080	2210	2340	2460	
								40				2065	2185	2300	
								50						2120	
38	540/65 R 38 TL 142 A8 139 B POINT 65														
	550	1667	728	4926	392	W16L	DW-W15L DW-W14L DW16L DW-W18L	10	2325	2750	2950	3135	3315	3490	3975
								30	1890	2235	2395	2550	2695	2835	
								40	1765	2090	2240	2380	2520	2650	
								50						2410	
	600/65 R 38 TL 147 A8 144 B POINT 65														
	591	1745	764	5212	480	W18L	DW-W16L DW20A DW18L	10	2700	3195	3420	3640	3845	4050	4615
								30	2195	2595	2780	2955	3125	3290	
								40				2765	2920	3075	
								50						2800	
	650/65 R 38 TL 154 A8 151 B POINT 65														
	645	1811	788	5443	589	W18L	DW-W16L DW20A DW18L	10	3290	3895	4170	4435	4690	4935	5625
								30	2675	3175	3390	3605	3815	4015	
								40				3370	3565	3750	
								50						3450	

Note: * Calculated value
* Measured value

FITMENT POSSIBILITIES
OF ROW CROP TYRES

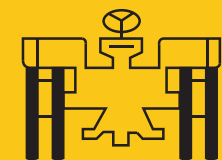
Single fitment

- Recommended for plant growing: fertilizing, seeding, watering, spraying



Combination fitment (normal + narrow section tyre)

- Recommended for soil preparation requiring high performance: ploughing, disking, soil loosening



Dual fitment

- Recommended for soil preparation requiring high performance: ploughing, disking, soil loosening
- For plant growing: fertilizing, seeding, watering, spraying
- For harvesting

Rim diameter ["]	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [100% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]													
	ETRTO standard	Inflation pressure [bar]																			
		Speed [km/h]						1,2	1,6	2	2,4	2,6	3	3,2	3,6	4	4,4				
32	230/95 R 32 TL 126 A2 115 A8 RC 95**																				
	228	1251	580	3762	75	W8	W7	10	1010	1165	1320	1470	1545	1700							
								20	945	1090	1235	1385	1460								
								30	880	1015	1155	1300	1370								
								40	815	945	1080	1215									

Note: * Calculated value
* Measured value

PRODUCT RANGE

RADIAL TYRES

RADIAL TYRES

RC 95
soilsaver

Rim diameter ["]	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [100% litre]	Recommended rim ["]	Permitted rim ["]	Load/tyre [kg]										
								Speed [km/h]	Inflation pressure [bar]									
									1,2	1,6	2	2,4	2,6	3	3,2	3,6	4	4,4
ETRTO standard																		

32	230/95 R 32 TL 139 A2 128 A8 RC 95****																				
	228	1251	580	3827	75	W8	W7	10	1130	1290	1455	1615	1695	1860	1940	2105	2265	2430			
								20	1060	1210	1365	1515	1595	1760	1840	2005	2165				
								30	990	1130	1275	1425	1500	1660	1740	1905					
								40	920	1055	1190	1335	1405	1560	1640	1800					
270/95 R 32 TL 146 A2 135 A8 RC 95****																					
275	1327	612	4016	101	W10	W9 W8 DW10	10	1390	15595	1795	1995	2095	2295	2395	2600	2800	3000				
							20	1320	1515	1705	1895	1990	2180	2275	2460	2640					
							30	1250	1435	1615	1795	1885	2065	2150	2320						
							40	1180	1355	1525	1695	1780	1940	2020	2180						

36	210/95 R 36 TL 126 A2 115 A8 RC 95**																				
	214	1314	603	3950	62	W7	W6	10	935	1090	1240	1395	1470	1625	1700						
								20	875	1020	1160	1310	1385	1540							
								30	815	950	1085	1230	1300								
								40	755	880	1010	1150	1215								
230/95 R 36 TL 141 A2 130 A8 RC 95****																					
228	1352	630	4151	84	W8	W7	10	1195	1365	1540	1710	1800	1970	2055	2230	2400	2575				
							20	1125	1285	1450	1610	1695	1860	1945	2120	2290					
							30	1055	1205	1360	1515	1595	1755	1840	2010						
							40	985	1130	1275	1420	1495	1655	1735	1900						
270/95 R 36 TL 149 A2 138 A8 RC 95****																					
275	1428	655	4320	114	W10	W9 W8 DW10	10	1510	1725	1945	2160	2270	2490	2595	2815	3030	3250				
							20	1440	1645	1855	2060	2165	2370	2465	2665	2860					
							30	1370	1565	1765	1960	2060	2245	2335	2515						
							40	1300	1485	1675	1860	1950	2120	2200	2360						

38	270/95 R 38 TL 150 A2 139 A8 RC 95****																				
	275	1479	682	4510	121	W10	W9 W8 DW10	10	1555	1780	2005	2230	2340	2565	2675	2900	3125	3350			
								20	1485	1700	1915	2130	2230	2435	2535	2740	2945				
								30	1415	1620	1825	2025	2120	2310	2400	2585					
								40	1345	1540	1735	1920	2010	2180	2265	2430					
270/95 R 42 TL 151 A2 140 A8 RC 95****																					
275	1581	732	4779	129	W10	W9 W8 DW10	10	1600	1830	2065	2295	2410	2640	2755	2990	3220	3450				
							20	1530	1750	1975	2195	2300	2510	2615	2830	3040					
							30	1460	1670	1885	2090	2185	2375	2470	2665						
							40	1390	1590	1795	1980	2070	2240	2325	2500						

Note: * Calculated value
° Measured value

Rim diameter (")	Section width [mm]	Outside diameter [mm]	*Loaded radius [mm]	*Rolling circumference [mm]	*Volume [100% litre]	Recommended rim ["]	Permitted rim ["]	Speed [km/h]	Load/tyre [kg]										
									Inflation pressure [bar]										
	ETRTO standard	1,2	1,6	2	2,4	2,6	3		3,2	3,6	4	4,4							
44	230/95 R 44 TL 145 A2 134 A8 RC 95****																		
	228	1556	736	4772	99	W8	W9	10	1345	1540	1735	1930	2025	2220	2315	2510	2705	2900	
								20	1275	1460	1645	1830	1925	2105	2195	2380	2560		
								30	1205	1380	1555	1730	1820	1990	2075	2250			
								40	1135	1300	1465	1630	1715	1875	1955	2120			
270/95 R 44 TL 151 A2 140 A8 RC 95****																			
275	1632	753	4943	130	W10	W9 W8 DW10	10	1600	1830	2065	2295	2410	2640	2755	2990	3220	3450		
							20	1530	1750	1975	2195	2300	2510	2615	2830	3040			
							30	1460	1670	1885	2090	2185	2375	2470	2665				
							40	1390	1590	1795	1980	2070	2240	2325	2500				
46	270/95 R 46 TL 153 A2 142 A8 RC 95****																		
	275	1682	783	5115	142	W10	W9 W8 DW10	10	1695	1940	2185	2425	2550	2795	2915	3160	3405	3650	
								20	1625	1860	2095	2315	2430	2655	2765	2990	3215		
								30	1555	1780	2000	2205	2310	2515	2615	2820			
								40	1485	1700	1900	2095	2190	2375	2465	2650			
300/95 R 46 TL 158 A2 147 A8 RC 95****																			
295	1738	815	5315	183	W10	W9 DW-W11 DW10	10	1970	2255	2540	2825	2970	3255	3395	3680	3965	4250		
							20	1890	2155	2420	2685	2820	3085	3215	3480	3745			
							30	1810	2055	2300	2545	2670	2915	3035	3280				
							40	1725	1950	2175	2400	2515	2740	2850	3075				
48	230/95 R 48 TL 147 A2 136 A8 RC 95****																		
	228	1657	788	5111	107	W8	W7	10	1425	1635	1840	2045	2150	2355	2455	2665	2870	3075	
								20	1355	1555	1750	1945	2045	2240	2335	2525	2710		
								30	1285	1475	1660	1845	1940	2120	2210	2385			
								40	1215	1395	1570	1745	1830	2000	2080	2240			
270/95 R 48 TL 153 A2 142 A8 RC 95****																			
275	1733	810	5279	140	W10	W9 W8 DW10	10	1695	1940	2185	2425	2550	2795	2915	3160	3405	3650		
							20	1625	1860	2095	2315	2430	2655	2765	2990	3215			
							30	1555	1780	2000	2205	2310	2515	2615	2820				
							40	1485	1700	1900	2095	2190	2375	2465	2650				
340/85 R 48 TL 162 A2 151 A8 RC 95****																			
343	1797	824	5424	214	W12	W11	10	2205	2520	2840	3160	3320	3635	3795	4115	4430	4750		
							20	2085	2370	2655	2940	3085	3370	3515	3800	4085			
							30	2390	2605	2825	3040	3150	3365	3475	3690				
							40	1850	2115	2380	2650	2785	3050	3185	3450				

CROSS-PLY TYRES

For a long time the agricultural tyres were of the bias ply construction. In the bias ply tyres the cords in the individuel plies run in a diagonal or bias direction of travel.

The bias ply tyres are still widely used especially in applications where the sidewall of the tyre is exposed to easy damage.

It is due to the bias construction that the sidewall of the tyre is stronger than that of the radial ply tyres.

There are special applications where this benefit is explored, especially in forestries and in stony areas.

AS

AS is recommended for tyres on garden tractors and small agricultural machines. The special lug design ensures good traction and excellent grip. Due to the long lasting self-cleaning lugs with outstanding traction these tyres can also be used in severe soil conditions.



SMALL TRACTOR TYRES

Rim diameter [“]	Section width [mm]	Outside diameter [mm]	*Rolling circumference [mm]	Recommended rim [“]	Permitted rim [“]	Load capacity [kg]						
						Inflation pressure [bar]	Drive wheel			Free Rolling		
							Speed [km/h]			Speed [km/h]		
	ETRTO standard			10	20	30	10	20	30			
16	7,50 - 16TT 8 PR A6 AS											
	205	805	-	5.50 F	4.00 E	3,3	1000	885	775	1445	1275	1120
					5 K							
					5.00 F							
					6.00 F ; 6 LB							

VARIATION IN LOAD CAPACITY WITH SPEED FOR RADIAL TYRES

Speed (km/h)	Load capacity variation, % A8
10	+50
15	+34
20	+23
25	+11
30	+7
35	+3
40	0
45	-4
50	-9

Figures at 10 km/h apply only for low torque operation.

- For hire torque operation – e. g. ploughing – the recommended load capacity is that at 30 km/h.
- For road transport the inflation pressure is increased by 30 kPa.
- For dual fitment load capacity is reduced by 12%.

VARIATION IN LOAD CAPACITY WITH SPEED FOR CROSS-PLY TYRES

Steering wheel tyres

Table 1

Speed (km/h)	Load capacity variation, %
10	+50
20	+35
25	+15
30	0
35	-10
40	-20

Drive wheel tyres

Table 2

Speed (km/h)	Load capacity variation, %
10	+40
20	+20
25	+7
30	0
35	-10
40	-20

Implement tyres

Table 3

Speed (km/h)	Load capacity variation, %
10	+29
15	+21
20	+14
25	+7
30	0
35	-5
40	-10

RIMS

It is very important to apply tyres and rims suited to one another.

A tyre that is fitted onto a wrong size and/or type rim, will therefore be forced into an unnatural shape and inadequately seated.

The rim is designed to receive the tyre. Its flanges keep the beads in place when the tyre is inflated. The two seats, usually inclined at 5 degrees to improve the rim to tyre bead support, can be either smooth or knurled (which avoids tyre slippage on the rim).

RIM SIZE DESIGNATION

Example tractor rim W14Lx20

W: rim profile code (single well)

14: rim width in inches

L: flange height code

20: rim diameter in inches

Example tractor rim DW12x38

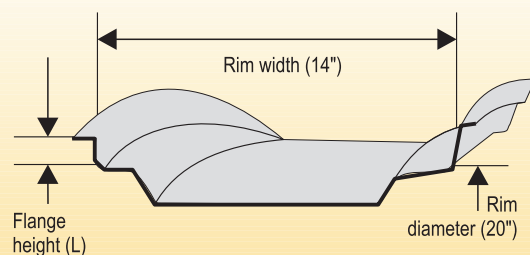
DW: rim profile code

(double well)

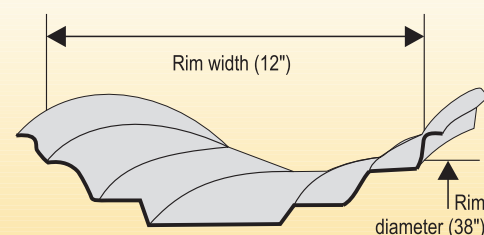
12: rim width in inches

38: rim diameter in inches

SINGLE WELL SHAPE RIM



DOUBLE WELL SHAPE RIM



Flange height codes

D- 17.5 mm
E- 19.8 mm
F- 22.2 mm
JA- 15.8 mm
J- 17.3 mm
K- 19.7 mm
L- 25.4 mm

Rim profile codes

W- well shape
DW- double well shape

FITTING INSTRUCTIONS

Tyre fitting and removal can be dangerous, this work should be done only by trained and qualified staff, using proper tools and procedures (never let an apprentice work alone, if several people are involved, make sure that one of them is in charge of the operation).

Use an air supply fitted with a pressure control.

Failure to comply with these procedures may result in faulty positioning of the tyre on the rim ; the assembly can burst with explosive force, sufficient to cause serious physical injury or death.

PREPARATION

1) Before fitting, make sure that the rim ; the tyre and the tube are compatible.

Check that :

- the tyre is suitable for the machine
- the diameter of the rim is exactly the same as the seat diameter of the tyre to be fitted (e.g.: 18.4 R30 Rim : W15x30)
- the rim is approved by the tyre manufacturer for use with the tyre to be fitted (see previous pages on tube and tyre data)

WARNING: there are some rims whose seat diameter is 15.3", never fit 15" tyres on these. Also there are some 16.1" and 16.5" diameter rims, never fit 16" tyres on these.

2) Before using a rim that has previously been in service:

- the rim must be clean and in good condition (not damaged in any way)
- if necessary, clean the rim thoroughly with a wire brush

Never fit a tyre onto a rim that shows cracks, significant distortion, evidence of welded repair...

3) If the tyre is part worn, it needs to be carefully examined inside as well as outside in order to identify any damage which may be present.

- If the damage is considered to be beyond repair, the tyre should be scrapped.

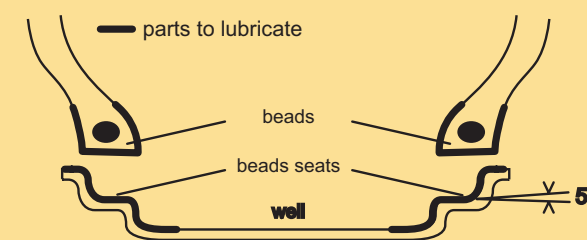
4) If fitting with a tube, always use the correct new tube for the tyre size (tyre sizes are marked on tubes). For fitting tubeless tyres with tubes, on tubeless rims, always use a new tubeless valve.

5) Always use tools in good condition (no burrs) and suitable for the tyres and rims (bead unseating tool, tyre lever, machine foot). In the case of a hydraulic or mechanical bead unseating tool to help the fitting of the second bead.

6) Before fitting, lubricate the rim and the tyre beads. Only use a suitable lubricant that will not damage the tyre (avoid petroleum based products, silicones, antifreeze liquid...)

Apply a thin lubricant layer as shown below, on the outside of the tyre.

The lubricant must extend 2 or 3 cm above.



VERTICAL FITTING OF THE TYRE ON THE RIM

1) If there is a valve symbol on the sidewall of the tyre:

- align the symbol with the valve hole
(for tubelles assemblies, fit the valve first)

2) Fit the tyre on the rim so that the first part of the tyre to be located is positioned diametrically opposite the valve hole respect, if present, the rotation direction indicated by the arrows).

3) With the help of a suitable lever and by repeated applications every 15 cm:

- get the first bead over the rim flange.

Then:

- position the lightly inflated tube (if fitted) inside the tyre.
- locate the valve by fitting the nut looser.

For the second bead:

- lever it progressively over the rim flange
- finish at the valve

4) Seating the beads, centring of the tyre:

- remove the valve core
- slowly inflate for correct seating of the beads
- ensure that the beads do not pinch the tube
- inflate until 2.5 bar to ensure a good installation of the beads



INFLATION AND SEATING OF THE BEADS

1) Think safety: restraining device (safety cage if possible):

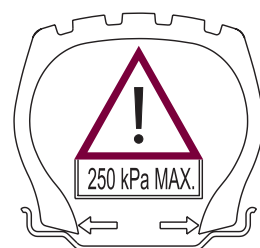
- safety glasses
- safety shoes (totoectors)
- helmet

2) If no cage is available, the operator should protect himself as much as possible by remaining to one side of the tyre.

WARNING:

Stay out of the trajectory as indicated by the shaded area to avoid physical injury in case of accident.

NEVER INFLATE BEYOND 2.5 BAR to seat beads



MAX.: 250 kPa, 2.5 bar, 35 psi

The sketch above shows the maximum inflation pressure allowed to seat the beads. This symbol is on each side of the tyre.

3) During inflation:

Use an air pistol connected to the valve by a 3-metre extension equipped with an in-line calibrated pressure gauge and clip-on air chuck (never lock the inflator handle) in good working order.

4) Make sure that:

- you do not inflate beyond 2.5 bar (35 p.s.i.)
- the beads are well seated and centred compared to the rim flange.

If the beads are not correctly seated:

- deflate, lubricate and inflate again
- repeat these operations until the beads are correctly seated.

5) Once all the previous operations have been correctly done:

- refit the valve core
- tighten the valve nut
- reset to the pressure according to the load (see tables in technical databook)
- after any inflation or pressure check, replace the valve cap as it is the component which keeps the air in, and ensure the cleanliness of the valve.

Note:

All radical tyres used at low inflation pressure must be fitted to high quality rims.

In case of horizontal fitting (we do not recommend this, as it is impossible to see if the lower bead is correctly seated), we advise the following additional measures :

initially, do not exceed a maximum pressure of 0.7 bar (10 p.s.i.).

- stand the assembly up and lean it against the wall (never against a door).
- follow the inflation procedure above for vertical fitting.

REMOVING THE TYRE FROM THE WHEEL

1) Never try to unseat the beads of an inflated tyre.

2) Always remove the valve core.

3) Let the tyre deflate,

- check before unseating that the tyre is completely deflated
- never use tools that could damage the rims or the beads of the tyre.

If the tyre has prybar notches, use them.

Before any work is done on the tyre or the rim, it is necessary to remove the tyre in accordance with the above procedures.

INSTRUCTIONS FOR USE

Correct inflation = Grip + Long Life + Comfort + Optimum Performance + Minimised Compaction.

Before tyres go into service

- For transport of machines (by road, rail and ship), in order to avoid damage caused by some systems of load restraint, we advise inflation to 1.8 bar (26 p.s.i.).
- When a machine is put to work, it is important that the tyre pressures are correctly set taking into account the load carried and the type of work (see tyre data pages).

WARNING:

Avoid under-inflation which causes excessive tyre deflection and can render the tyre unfit for further service.

Avoid over-inflation which reduces the ground contact area, reduces grip and increases the possibility of shock damage to the tyre, and rapid wear.

Normal drive tyre pressures, when in single formation, should not be less than the minimum pressures listed in the dimensional data section, even if the loads are lower than the minimum listed.

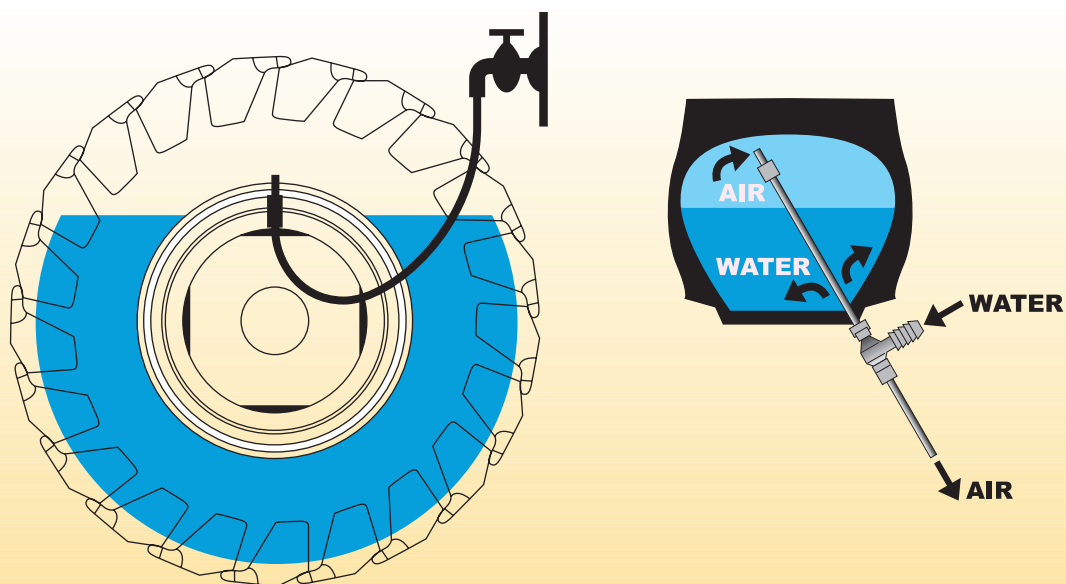
PRODUCT RANGE

SERVICE INSTRUCTIONS

BALLASTING

In some instances, it is necessary to add weight to drive ax les to improve machine performance.

It is preferable to use external weights provided by the machine manufacturers, but it is possible to add liquid to the tyres : up to 75 % of their volume.



The method is to fill the tube or the tubeless tyre with liquid (in winter be careful at temperatures below zero as there is a risk of frizzling). Air is used to pressurise the assembly. Liquid is used to add weight to drive wheels and increase traction. Because the air volume is reduced, regular pressure checks are necessary. We recommend at least every two weeks.

If liquid ballasting is necessary, make sure that:

- the product will not corrode the wheel (tubeless filments).
- the product has sufficient anti-freeze capability.

When ballasting tubeless tyres:

- fit the tyre, valve at top
- inflate with air
- let the lubricant dry for a few minutes
- after jacking up vehicle, deflate the tyre
- use an appropriate air-water valve for filling the tyre with liquid up to 75%

Storage

To reduce deterioration, tyres must be kept clean and not exposed to light, heat, ozone or hydrocarbon fumes. Tyres and tubes must be kept carefully stored so that they do not suffer from deformation due to tension or cushioning. If storage time is extended, remove liquid ballast from tyres that have already been fitted.

Never store tyres directly

in contact with the ground for long periods.

PRODUCT RANGE



TAURUS

A LOGICAL CHOICE