

WE START WE START



WHERE WHERE

THE ROAD THE ROAD

ENDS ENDS

DATASHEET | MATERIAL HANDLING  
**PRESS-ON TIRES**

METRIC DATA



# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
		Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel													
<b>5"</b>																				
9 x 5 x 5	Solideal Magnum	■				229	127	200	960	790	855	720	695	570	1030	755	685	515	1030	1450
<b>6 1/4"</b>																				
10 x 4 x 6 1/4	Solideal Magnum	■				252	102	225	785	645	700	590	570	465	840	615	560	420	840	1185
10 x 5 x 6 1/4	Solideal Magnum	■				254	127	227	1025	845	915	770	745	610	1100	805	735	550	1100	1550
<b>6 1/2"</b>																				
10 x 4 x 6 1/2	Solideal Magnum	■				254	102	229	780	640	695	585	565	465	835	610	555	415	835	1175
10 x 4 3/4 x 6 1/2	Solideal Magnum	■				254	121	229	950	780	845	710	690	565	1015	745	675	510	1015	1430
10 x 4 15/16 x 6 1/2	Solideal Magnum	■				257	125	231	1015	835	905	760	735	605	1085	795	725	545	1085	1530
10 x 5 x 6 1/2	Solideal Magnum	■				256	127	230	1015	835	905	760	735	605	1085	795	725	545	1085	1530
10 x 5 x 6 1/2	Solideal Magnum	■				254	127	229	1015	835	905	760	735	605	1085	795	725	545	1085	1530
10 x 5 x 6 1/2	Solideal Ecomatic			■		253	127	228	1015	835	905	760	735	605	1085	795	725	545	1085	1530
10 1/2 x 5 x 6 1/2	Solideal Magnum	■				267	127	237	1075	885	960	810	780	640	1155	845	770	575	1155	1625
10 1/2 x 6 x 6 1/2	Solideal Magnum	■				267	152	237	1335	1095	1190	1000	970	795	1430	1050	955	715	1430	2015
<b>8"</b>																				
12 x 4 x 8	Solideal Magnum	■				305	102	275	905	745	810	680	660	540	970	710	645	485	970	1365
12 x 4 1/2 x 8	Solideal Magnum	■				305	114	275	1040	855	930	780	755	620	1115	820	745	560	1115	1575
12 x 5 x 8	Solideal Magnum	■				305	127	275	1190	975	1060	890	865	710	1275	935	850	635	1275	1795
12 x 5 1/2 x 8	Solideal Magnum	■				305	140	275	1340	1100	1195	1005	970	795	1435	1050	955	715	1435	2020
13 x 3 1/2 x 8	Solideal Magnum	■				330	89	292	870	715	775	645	-	-	1030	680	620	470	1030	1310
13 x 4 1/2 x 8	Solideal Magnum	■				330	114	292	1115	920	995	840	810	665	1195	880	800	600	1195	1685
13 1/2 x 4 1/2 x 8	Solideal Magnum	■				343	114	301	1145	940	1020	860	830	680	1225	900	820	615	1225	1730
13 1/2 x 5 1/2 x 8	Solideal Magnum	■				347	140	303	1510	1240	1350	1135	1095	900	1620	1185	1080	810	1620	2280
13 1/2 x 5 1/2 x 8	Solideal Magnum	■				343	140	301	1510	1240	1350	1135	1095	900	1620	1185	1080	810	1620	2280

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

### EXCEPTIONS:

- \* MAG SEMI PATTERN
- \*\* LUG PATTERN

# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
14 x 4 1/2 x 8	Solideal Magnum	■				360	114	312	2568	2105	2293	1929	1863	1532	1250	915	830	625	1250	1760
14 x 4 1/2 x 8	Solideal Magnum		■			356	114	309	2568	2105	2293	1929	1863	1532	1250	915	830	625	1250	1760
14 x 4 1/2 x 8	Solideal Ecomatic			■		354	114	308	2568	2105	2293	1929	1863	1532	1250	915	830	625	1250	1760
14 x 4 1/2 x 8	Solideal Ecomatic				■	355	114	308	2568	2105	2293	1929	1863	1532	1250	915	830	625	1250	1760
<b>10"</b>																				
14 x 5 x 10	Solideal Magnum	■				358	127	328	1335	1100	1195	1000	970	795	1430	1050	955	715	1430	2020
14 x 5 x 10	Solideal Magnum		■			356	127	326	1335	1100	1195	1000	970	795	1430	1050	955	715	1430	2020
15 1/2 x 5 x 10	Solideal Magnum	■				396	127	353	1475	1210	1315	1105	1070	875	1580	1155	1050	790	1580	2225
15 1/2 x 6 x 10	Solideal Magnum		■			394	152	352	1865	1530	1665	1395	1355	1110	1995	1465	1330	1000	1995	2815
<b>10 1/2"</b>																				
16 x 5 x 10 1/2	Solideal Magnum	■				411	127	367	1505	1240	1345	1130	1095	895	1615	1185	1075	805	1615	2275
16 x 5 x 10 1/2	Solideal Magnum		■			403	127	362	1505	1240	1345	1130	1095	895	1615	1185	1075	805	1615	2275
16 x 5 x 10 1/2	Solideal Ecomatic			■		404	127	363	1505	1240	1345	1130	1095	895	1615	1185	1075	805	1615	2275
16 x 5 x 10 1/2	Solideal Ecomatic				■	405	127	363	1505	1240	1345	1130	1095	895	1615	1185	1075	805	1615	2275
16 x 6 x 10 1/2	Solideal Magnum	■				411	152	367	1905	1565	1700	1430	1385	1135	2040	1495	1360	1020	2040	2875
16 x 6 x 10 1/2	Solideal Magnum		■			403	152	362	1905	1565	1700	1430	1385	1135	2040	1495	1360	1020	2040	2875
16 x 6 x 10 1/2	Solideal Ecomatic			■		403	152	362	1905	1565	1700	1430	1385	1135	2040	1495	1360	1020	2040	2875
16 x 6 x 10 1/2	Solideal Ecomatic				■	405	152	363	1905	1565	1700	1430	1385	1135	2040	1495	1360	1020	2040	2875
16 x 7 x 10 1/2	Solideal Magnum	■				411	178	367	2320	1905	2070	1740	1685	1380	2485	1820	1655	1245	2485	3500
16 x 7 x 10 1/2	Solideal Magnum		■			406	178	364	2320	1905	2070	1740	1685	1380	2485	1820	1655	1245	2485	3500
<b>11 1/4"</b>																				
15 x 4 x 11 1/4	Solideal Magnum		■			382	102	354	1065	875	950	800	775	635	1140	835	760	570	1140	1605
15 x 5 x 11 1/4	Solideal Magnum	■				383	127	355	1390	1145	1240	1045	1010	830	1490	1095	995	745	1490	2100
15 x 5 x 11 1/4	Solideal Magnum		■			381	127	354	1390	1145	1240	1045	1010	830	1490	1095	995	745	1490	2100
15 x 5 x 11 1/4	Solideal Ecomatic			■		379	127	352	1390	1145	1240	1045	1010	830	1490	1095	995	745	1490	2100
15 x 6 x 11 1/4	Solideal Magnum		■			381	152	354	1720	1410	1535	1290	1250	1025	1840	1350	1225	920	1840	2595

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

### EXCEPTIONS:

- \* MAG SEMI PATTERN
- \*\* LUG PATTERN

# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
16 1/4 x 5 x 11 1/4	Solideal Magnum	■				415	127	376	1525	1250	1360	1145	1105	905	1635	1200	1090	815	1635	2300
16 1/4 x 5 x 11 1/4	Solideal Magnum		■			410	127	373	1525	1250	1360	1145	1105	905	1635	1200	1090	815	1635	2300
16 1/4 x 5 x 11 1/4	Solideal Ecomatic			■		410	127	373	1525	1250	1360	1145	1105	905	1635	1200	1090	815	1635	2300
16 1/4 x 5 x 11 1/4	Solideal Ecomatic				■	411	127	373	1525	1250	1360	1145	1105	905	1635	1200	1090	815	1635	2300
16 1/4 x 6 x 11 1/4	Solideal Magnum	■				415	152	376	1915	1570	1710	1435	1390	1140	2050	1505	1365	1025	2050	2890
16 1/4 x 6 x 11 1/4	Solideal Magnum		■			410	152	373	1915	1570	1710	1435	1390	1140	2050	1505	1365	1025	2050	2890
16 1/4 x 6 x 11 1/4	Solideal Ecomatic			■		410	152	373	1915	1570	1710	1435	1390	1140	2050	1505	1365	1025	2050	2890
16 1/4 x 6 x 11 1/4	Solideal Ecomatic				■	411	152	373	1915	1570	1710	1435	1390	1140	2050	1505	1365	1025	2050	2890
16 1/4 x 7 x 11 1/4	Solideal Magnum	■				415	178	376	2320	1905	2070	1740	1685	1380	2485	1820	1655	1245	2485	3500
16 1/4 x 7 x 11 1/4	Solideal Magnum		■			413	178	375	2320	1905	2070	1740	1685	1380	2485	1820	1655	1245	2485	3500
16 1/4 x 8 x 11 1/4	Solideal Magnum		■			413	203	375	2710	2225	2420	2030	1965	1615	2905	2130	1935	1450	2905	4090
<b>12 1/8"</b>																				
17 x 5 x 12 1/8	Solideal Magnum		■			432	127	395	1575	1295	1405	1180	1145	940	1690	1240	1125	845	1690	2380
17 x 6 x 12 1/8	Solideal Magnum	■				434	152	396	1975	1620	1765	1480	1435	1175	2115	1550	1410	1060	2115	2980
18 x 5 x 12 1/8	Solideal Magnum	■				462	127	415	1640	1350	1465	1230	1195	980	1760	1290	1175	880	1760	2480
18 x 5 x 12 1/8	Solideal Magnum		■			457	127	412	1640	1350	1465	1230	1195	980	1760	1290	1175	880	1760	2480
18 x 6 x 12 1/8	Solideal Magnum	■				462	152	415	2090	1715	1865	1565	1515	1245	2240	1640	1490	1120	2240	3155
18 x 6 x 12 1/8	Solideal Magnum		■			457	152	412	2090	1715	1865	1565	1515	1245	2240	1640	1490	1120	2240	3155
18 x 6 x 12 1/8	Solideal Ecomatic			■		454	152	410	2090	1715	1865	1565	1515	1245	2240	1640	1490	1120	2240	3155
18 x 6 x 12 1/8	Solideal Ecomatic				■	455	152	411	2090	1715	1865	1565	1515	1245	2240	1640	1490	1120	2240	3155
18 x 7 x 12 1/8	Solideal Magnum	■				462	178	415	2555	2100	2280	1915	1855	1520	2735	2005	1825	1370	2735	3855
18 x 7 x 12 1/8	Solideal Magnum		■			457	178	412	2555	2100	2280	1915	1855	1520	2735	2005	1825	1370	2735	3855
18 x 7 x 12 1/8	Solideal Ecomatic			■		454	178	410	2555	2100	2280	1915	1855	1520	2735	2005	1825	1370	2735	3855
18 x 7 x 12 1/8	Solideal Ecomatic				■	455	178	411	2555	2100	2280	1915	1855	1520	2735	2005	1825	1370	2735	3855

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

EXCEPTIONS: ■\* MAG SEMI PATTERN ■\*\* LUG PATTERN

# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
18 x 8 x 12 1/8	Solideal Magnum	■				462	203	415	3000	2465	2680	2250	2180	1785	3215	2355	2145	1605	3215	4530
18 x 8 x 12 1/8	Solideal Magnum		■			457	203	412	3000	2465	2680	2250	2180	1785	3215	2355	2145	1605	3215	4530
18 x 8 x 12 1/8	Solideal Ecomatic			■		454	203	410	3000	2465	2680	2250	2180	1785	3215	2355	2145	1605	3215	4530
18 x 8 x 12 1/8	Solideal Ecomatic				■	455	203	411	3000	2465	2680	2250	2180	1785	3215	2355	2145	1605	3215	4530
18 x 9 x 12 1/8	Solideal Magnum	■				462	229	415	3465	2845	3095	2600	2515	2060	3710	2720	2475	1855	3710	5230
18 x 9 x 12 1/8	Solideal Magnum		■			457	229	412	3465	2845	3095	2600	2515	2060	3710	2720	2475	1855	3710	5230
<b>15"</b>																				
20 x 8 x 15	Solideal Magnum		■			508	203	470	3165	2600	2825	2375	2295	1885	3390	2485	2260	1695	3390	4775
21 x 6 x 15	Solideal Magnum	■				538	152	490	2345	1925	2095	1760	1705	1395	2515	1845	1675	1255	2515	3540
21 x 7 x 15	Solideal Magnum	■				538	178	490	2870	2360	2565	2155	2085	1710	3075	2255	2050	1540	3075	4335
21 x 7 x 15	Solideal Magnum		■			533	178	487	2870	2360	2565	2155	2085	1710	3075	2255	2050	1540	3075	4335
21 x 7 x 15	Solideal Ecomatic			■		531	178	485	2870	2360	2565	2155	2085	1710	3075	2255	2050	1540	3075	4335
21 x 7 x 15	Solideal Ecomatic				■	531	178	485	2870	2360	2565	2155	2085	1710	3075	2255	2050	1540	3075	4335
21 x 8 x 15	Solideal Magnum	■				538	203	490	3375	2775	3015	2530	2450	2010	3620	2655	2410	1810	3620	5100
21 x 8 x 15	Solideal Magnum		■			533	203	487	3375	2775	3015	2530	2450	2010	3620	2655	2410	1810	3620	5100
21 x 8 x 15	Solideal Ecomatic			■		530	203	485	3375	2775	3015	2530	2450	2010	3620	2655	2410	1810	3620	5100
21 x 8 x 15	Solideal Ecomatic				■	531	203	485	3375	2775	3015	2530	2450	2010	3620	2655	2410	1810	3620	5100
21 x 9 x 15	Solideal Magnum	■				538	229	490	3900	3205	3485	2925	2835	2320	4180	3065	2785	2090	4180	5890
21 x 9 x 15	Solideal Magnum		■			533	229	487	3900	3205	3485	2925	2835	2320	4180	3065	2785	2090	4180	5890
<b>16"</b>																				
20 x 8 x 16	Solideal Magnum	■				510	203	480	3010	2470	2685	2255	2185	1790	3225	2365	2150	1610	3225	4545
20 x 8 x 16	Solideal Magnum		■			508	203	478	3010	2470	2685	2255	2185	1790	3225	2365	2150	1610	3225	4545
20 x 9 x 16	Solideal Magnum		■			508	229	480	3445	2830	3075	2580	2500	2050	3690	2705	2460	1845	3690	5200
22 x 6 x 16	Solideal Magnum	■				563	152	516	2430	1995	2170	1825	1765	1445	2605	1910	1735	1300	2605	3670
22 x 6 x 16	Solideal Magnum		■			559	152	514	2430	1995	2170	1825	1765	1445	2605	1910	1735	1300	2605	3670

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

EXCEPTIONS: ■\* MAG SEMI PATTERN ■\*\* LUG PATTERN

# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
22 x 7 x 16	Solideal Magnum	■				563	178	516	2975	2445	2660	2230	2160	1770	3190	2340	2125	1595	3190	4495
22 x 7 x 16	Solideal Magnum		■			559	178	514	2975	2445	2660	2230	2160	1770	3190	2340	2125	1595	3190	4495
22 x 8 x 16	Solideal Magnum	■				563	203	516	3500	2875	3125	2625	2540	2085	3750	2750	2500	1875	3750	5285
22 x 8 x 16	Solideal Magnum		■			559	203	514	3500	2875	3125	2625	2540	2085	3750	2750	2500	1875	3750	5285
22 x 9 x 16	Solideal Magnum	■				563	229	516	4045	3325	3615	3035	2940	2140	4335	3180	2890	2170	4335	6110
22 x 9 x 16	Solideal Magnum		■			559	229	514	4045	3325	3615	3035	2940	2140	4335	3180	2890	2170	4335	6110
22 x 9 x 16	Solideal Ecomatic			■		554	229	510	4045	3325	3615	3035	2940	2140	4335	3180	2890	2170	4335	6110
22 x 9 x 16	Solideal Ecomatic				■	556	229	512	4045	3325	3615	3035	2940	2140	4335	3180	2890	2170	4335	6110
22 x 10 x 16	Solideal Magnum	■				563	254	516	4570	3755	4080	3430	3320	2720	4895	3590	3265	2450	4895	6900
22 x 10 x 16	Solideal Magnum		■			559	254	514	4570	3755	4080	3430	3320	2720	4895	3590	3265	2450	4895	6900
22 x 12 x 16	Solideal Magnum	■				564	305	517	5640	4635	5035	4230	4095	3355	6045	4430	4030	3020	6045	8515
22 x 12 x 16	Solideal Magnum		■			559	305	514	5640	4635	5035	4230	4095	3355	6045	4430	4030	3020	6045	8515
22 x 14 x 16	Solideal Magnum		■**			559	356	514	6710	5510	5990	5030	4875	3995	7190	5270	4795	3595	7190	10130
22 x 16 x 16	Solideal Magnum		■			559	406	514	7760	6375	6925	5820	5635	4620	8315	6095	5540	4155	8315	11715
<b>17 3/4"</b>																				
22 x 6 x 17 3/4	Solideal Magnum	■				559	152	529	2345	1930	2095	1760	1705	1395	2515	1845	1675	1255	2515	3545
22 x 7 x 17 3/4	Solideal Magnum		■			559	178	529	2825	2320	2520	2120	2050	1680	3025	2220	2015	1515	3025	4265
22 x 8 x 17 3/4	Solideal Magnum		■			559	203	529	3285	2695	2930	2460	2385	1955	3515	2580	2345	1760	3515	4955
<b>20"</b>																				
26 x 6 x 20	Solideal Magnum	■				663	152	617	2755	2260	2460	2065	2000	1640	2950	2165	1965	1475	2950	4160
26 x 7 x 20	Solideal Magnum		■			663	178	617	3370	2770	3010	2530	2445	2005	3610	2650	2405	1805	3610	5090
<b>22"</b>																				
28 x 10 x 22	Solideal Magnum	■				716	254	669	5470	4495	4885	4105	3970	3255	5860	4300	3905	2930	5860	8260
28 x 10 x 22	Solideal Magnum		■			711	254	666	5470	4495	4885	4105	3970	3255	5860	4300	3905	2930	5860	8260

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

### EXCEPTIONS:

- \* MAG SEMI PATTERN
- \*\* LUG PATTERN

# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
28 x 12 x 22	Solideal Magnum	■				716	305	669	6750	5545	6025	5060	4900	4015	7230	5305	4820	3615	7230	10190
28 x 12 x 22	Solideal Magnum		■			711	305	666	6750	5545	6025	5060	4900	4015	7230	5305	4820	3615	7230	10190
28 x 14 x 22	Solideal Magnum	■*				716	356	669	8030	6595	7170	6020	5830	4780	8600	6310	5735	4300	8600	12125
28 x 14 x 22	Solideal Magnum		■			711	356	666	8030	6595	7170	6020	5830	4780	8600	6310	5735	4300	8600	12125
28 x 16 x 22	Solideal Magnum		■			711	406	666	9280	7625	8290	6960	6740	5525	9945	7295	6630	4975	9945	14015
<b>30"</b>																				
40 x 12 x 30	Solideal Magnum		■			1020	305	941	8760	7165	7620	6255	6140	5005	9100	6485	5685	4550	9100	13225
40 x 14 x 30	Solideal Magnum		■			1020	356	941	10610	8680	9230	7575	7440	6060	11020	7850	6890	5510	11020	16015
40 x 16 x 30	Solideal Magnum		■			1020	406	941	12420	10160	10805	8870	8710	7095	12905	9195	8065	6450	12905	18755
40 x 20 x 30	Solideal Magnum		■			1020	508	941	16120	13190	14025	11515	11305	9210	16745	11930	10465	8375	16745	24340
<b>140</b>																				
250 / 75 - 140	Solideal Magnum		■			250	75	218	560	460	500	420	-	-	665	440	400	305	665	845
250 / 130 - 140	Solideal Magnum		■			250	130	218	1065	875	950	800	775	635	1140	835	760	570	1140	1610
<b>170</b>																				
250 / 80 - 170	Solideal Magnum		■			250	80	228	620	510	555	460	-	-	735	485	440	335	735	935
250 / 105 - 170	Solideal Magnum		■			250	105	228	785	645	700	590	570	465	840	615	560	420	840	1185
<b>190K</b>																				
265 / 85 - 190K	Solideal Magnum		■			265	85	245	690	570	615	515	-	-	825	540	495	375	825	1045
<b>203</b>																				
300 / 90 - 203	Solideal Magnum		■			300	90	272	835	685	745	625	-	-	995	655	595	450	995	1260
<b>220</b>																				
365 / 160 - 220	Solideal Magnum		■			365	160	321	1880	1545	1680	1410	1365	1120	2015	1480	1345	1010	2015	2840
<b>240</b>																				
300 / 75 - 240	Solideal Magnum		■			301	75	285	625	515	560	470	-	-	745	490	445	340	745	945

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

### EXCEPTIONS:

- \* MAG SEMI PATTERN
- \*\* LUG PATTERN



# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
<b>270</b>																				
360 / 60 - 270	Solideal Magnum	■				362	60	336	550	450	490	410	-	-	655	430	395	295	655	845
360 / 85 - 270	Solideal Magnum	■				362	85	336	885	730	790	660	-	-	1055	695	635	480	1055	1325
<b>280</b>																				
350 / 90 - 280	Solideal Magnum	■				350	90	331	900	740	805	675	-	-	1070	705	645	485	1070	1360
<b>305</b>																				
405 / 130 - 305	Solideal Magnum	■				407	130	377	1510	1240	1350	1130	1095	900	1620	1185	1080	810	1620	2280
405 / 260 - 305	Solideal Magnum	■				405	260	377	3325	2730	2970	2495	2415	1980	3560	2610	2375	1780	3560	5020
415 / 75 - 305	Solideal Magnum	■				417	75	384	820	675	730	610	-	-	975	645	585	445	975	1240
415 / 90 - 305	Solideal Magnum	■				417	90	384	1065	875	950	795	-	-	1265	835	760	575	1265	1610
415 / 100 - 305	Solideal Magnum	■				417	100	384	1115	915	995	835	810	665	1195	875	795	595	1195	1685
425 / 150 - 305	Solideal Magnum	■				427	150	391	1910	1570	1705	1435	1390	1135	2045	1500	1365	1025	2045	2885
425 / 260 - 305	Solideal Magnum	■				425	260	391	3625	2975	3235	2720	2630	2155	3885	2845	2590	1940	3885	5470
425 / 300 - 305	Solideal Magnum	■				427	300	392	4245	3490	3790	3185	3085	2530	4550	3335	3035	2275	4550	6410
450 / 300 - 305	Solideal Magnum	■				450	300	407	4650	3820	4150	3490	3375	2770	4980	3655	3320	2490	4980	7020
<b>370</b>																				
520 / 120 - 370	Solideal Magnum	■				520	120	474	1670	1370	1490	1255	1215	995	1790	1310	1195	895	1790	2520
550 / 150 - 370	Solideal Magnum	■				553	150	496	2345	1930	2095	1760	1705	1395	2515	1845	1675	1260	2515	3545
<b>410</b>																				
540 / 200 - 410	Solideal Magnum	■				540	200	502	3270	2685	2920	2450	2375	1945	3500	2570	2335	1750	3500	4935
550 / 120 - 410	Solideal Magnum	■				550	120	509	1750	1440	1565	1315	1270	1040	1875	1375	1250	940	1875	2645
550 / 160 - 410	Solideal Magnum	■				550	160	509	2555	2095	2280	1915	1855	1520	2735	2005	1825	1370	2735	3855
645 / 220 - 410	Solideal Magnum	■				645	220	572	4055	3320	3530	2895	2845	2315	4215	3000	2635	2105	4215	6125
645 / 250 - 410	Solideal Magnum	■				645	250	572	4805	3935	4185	3435	3370	2745	4995	3560	3120	2495	4995	7260
645 / 300 - 410	Solideal Magnum	■				645	300	572	6060	4960	5275	4330	4250	3465	6300	4485	3935	3150	6300	9155
645 / 350 - 410	Solideal Magnum	■				645	350	572	7315	5985	6365	5225	5130	4180	7600	5415	4750	3800	7600	11045

Blue sections represent hub size

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

### EXCEPTIONS:

- \* MAG SEMI PATTERN
- \*\* LUG PATTERN

# PRESS-ON TIRES

## TECHNICAL DATA

TIRE SIZE <sup>1</sup>	BRAND	TREAD PATTERN				ACTUAL TIRE DIMENSIONS			LOAD CAPACITY (lbs) <sup>2</sup>											
		Magnum Traction	Magnum Smooth	Ecomatic Traction	Ecomatic Smooth	Overall diameter (mm)	Overall width (mm)	Replacement overall diameter <sup>5</sup> (mm)	Counterbalanced lift trucks						Other vehicles <sup>3</sup>				RO/RO Trailers <sup>4</sup>	Static 0 km/h
									Up to 10 km/h		Up to 16 km/h		Up to 25 km/h		10 km/h	25 km/h	40 km/h	50 km/h		
									Load wheel	Steering wheel	Load wheel	Steering wheel	Load wheel	Steering wheel						
480																				
660 / 203 - 480	Solideal Magnum	■				660	203	606	3695	3025	3215	2640	2590	2110	3840	2735	2400	1920	3840	5580
660 / 250 - 480	Solideal Magnum	■**				660	250	606	4785	3915	4160	3415	3355	2735	4970	3540	3105	2485	4970	7220
660 / 250 - 480	Solideal Magnum	■				660	250	606	4785	3915	4160	3415	3355	2735	4970	3540	3105	2485	4970	7220
660 / 280 - 480	Solideal Magnum	■				660	280	606	5480	4480	4765	3915	3840	3130	5690	4055	3555	2845	5690	8270
500																				
760 / 250 - 500	Solideal Magnum	■				764	250	682	5440	4450	4730	3885	3815	3110	5650	4025	3530	2825	5650	8210
559																				
840 / 350 - 559	Solideal Magnum	■				845	350	757	9100	7445	7920	6500	6380	5200	9455	6735	5910	4725	9455	13740

Blue sections represent hub size

### Remarks

(1) Tolerances on wheel diameter

Code designated sizes (inch sizes): nominal rim diameter +0.005"/-0"

Metric sizes (mm sizes): h11 according to ISO/R286

Surface roughness: Ra < 6.3 µm

Chamfer: 5 mm wide @ 30°

(2) The speeds quoted in the table are the maximum speeds of the unloaded vehicle. An increase in load capacity for lower speeds is not permitted.

(3) This category includes:

- Drive and steer wheels on other than counterbalanced forklift trucks;
- Wheels and mobile cranes;
- Free-rolling wheels on trailers, up to a maximum distance of 2000 m per journey.

For longer distances and for wheels fitted to rotary plants, please consult the technical department.

(4) For Roll On/Roll Off trailers values of category "other vehicles" at appropriate speed should be taken.

(5) The tire is considered worn out when the outside diameter is equal or smaller than the replacement overall diameter.

All specifications for non-marking tires are the same as the equivalent standard black tire.

This document contains technical data of all products globally. It is possible that certain items are not sold in your region.

Please contact your local sales representative to check tire availability in your region.

### TREAD PATTERNS



MAGNUM TRACTION AND SMOOTH



ECOMATIC TRACTION AND SMOOTH

### EXCEPTIONS:

■\* MAG SEMI PATTERN    ■\*\* LUG PATTERN



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