

Material Handling



Around seventy per cent of produced goods are shipped around the world in containers. In order to minimize costs, container handling in sea, rail, or road terminals demand efficient and robust logistical solutions. Specialist vehicles are therefore developed to handle containers, and the demanding working environment transfers directly from the vehicle to the tyres.

Simex material handling tyres with their crossply construction offer a high load carrying capacity, superior stability & excellent durability creating the best tyre solution with market leading performance and low cost per hour.

In other areas which involve heavy loading, lifting and moving such as in the steel industry and on airport pushback tractors Simex offers the ideal solution due to its high stability crossply construction.



Application Matrix

	E3	E4	E3	E4	E3	E4	E3	E4	E3	E4	E3	E4
12.00-24							SE133		SE133			
14.00-24			SE188 SE6		SE188 SE6	SE133	SE188 SE6	SE133	SE188 SE6		SE188	SE133
16.00-25			SE188 SE6				SE188 SE6	Container Master	SE188 SE6	Container Master	SE188	SE132
18.00-25		Container Master SE132	Container Master SE132				Container Master SE132	Container Master			SE188	SE132
21.00-25			SE288 SE188									
18.00-33		SE232 SE188					SE132		SE232 SE188			
21.00-35		SE132	SE188	SE132					SE132			
24.00-35				SE132								
23.5-25	SE188											

Dimensions

Article	Dimension	Tread Pattern	Tread code	Ply rating	TT / TL	Rim	Outer diameter (mm)	Tyre width (mm)	Tread depth (mm)	Inflation pressure (bar)	Maximum load (kg) at various max speeds											
											All wheel position except forklift steer wheels (loaded vehicle)					Forklift truck steer wheel only (unloaded vehicle)						
											0 km/h	1 km/h	5 km/h	10 km/h	20 km/h	25 km/h	0 km/h	1 km/h	5 km/h	10 km/h	20 km/h	25 km/h
1215030	14.00-24	SE188	E3	28	TT	10.00/1.5	1356	381	29.0	10.00	18.000	16.000	14.500	13.500	12.700	12.500	14.400	12.800	11.600	10.800	10.200	10.000
1215006	14.00-24	SE6	E3	28	TL	10.00/1.5	1390	400	29.5	10.00	18.000	16.000	14.500	13.500	12.700	12.500	14.000	12.800	11.600	10.800	10.200	10.000
1215014	16.00-25	SE188	E3	28	TL	11.25/2.0	1485	440	34.5	9.00	20.700	18.400	16.700	15.500	14.600	14.400	16.600	14.700	13.400	12.400	11.700	11.500
1215011	16.00-25	SE188	E3	32	TL	11.25/2.0	1485	440	34.5	10.00	22.500	20.000	18.100	16.900	15.900	15.600	18.000	16.000	14.500	13.500	12.700	12.500
1215012	18.00-25	SE132	E3	40	TL	13.00/2.5	1646	520	40.5	10.00	30.600	27.200	24.700	23.000	21.600	21.300	24.500	21.800	19.800	18.400	17.300	17.000
1215077	21.00-25	SE288	E3	40	TL	15.00/3.0	1766	565	42.5	10.00	37.700	33.500	30.400	28.300	26.600	26.200	30.200	26.800	24.300	22.600	21.300	21.000
1215594	21.00-35	SE188	E3	40	TL	15.00/3.0	2013	575	41.0	10.00	43.700	38.900	35.200	32.800	30.900	30.400	35.000	31.100	28.200	26.200	24.700	24.300
1215020	12.00-24	SE133	E4	20	TT	8.50/1.3	1285	329	35.5	10.00	12.400	11.000	10.000	9.320	8.760	8.630	9.920	8.800	8.000	7.460	7.010	6.900
1215038	14.00-24	SE133	E4	28	TL	10.00/1.5	1413	381	50.5	10.00	18.000	16.000	14.500	13.500	12.700	12.500	14.400	12.800	11.600	10.800	10.200	10.000
1215017	14.00-24	SE133	E4	28	TT	10.00/1.5	1413	381	50.5	10.00	18.000	16.000	14.500	13.500	12.700	12.500	14.400	12.800	11.600	10.800	10.200	10.000
1215013	16.00-25	SE6	E4	28	TL	11.25/2.0	1531	465	52.0	9.00	20.700	18.400	16.700	15.500	14.600	14.400	16.600	14.700	13.400	12.400	11.700	11.500
1215045	16.00-25	Container Master	E4	32	TL	11.25/2.0	1526	453	55.5	10.00	22.500	20.000	18.100	16.900	15.900	15.600	18.000	16.000	14.500	13.500	12.700	12.500
1215019	18.00-25	SE132	E4	40	TL	13.00/2.5	1686	525	67.7	10.00	30.600	27.200	24.700	23.000	21.600	21.300	24.500	21.800	19.800	18.400	17.300	17.000
1215047	18.00-25	Container Master	E4	40	TL	13.00/2.5	1614	513	40.0	10.00	30.600	27.200	24.700	23.000	21.600	21.300	24.500	21.800	19.800	18.400	17.300	17.000
1215081	18.00-33	SE232	E4	40	TL	13.00/2.5	1880	520	65.0	10.00	35.600	31.700	28.700	26.700	25.100	24.800	28.500	25.400	23.000	21.400	20.100	19.800
1215049	18.00-33	SE188	E4	40	TL	13.00/2.5	1887	517	57.0	10.00	35.600	31.700	28.700	26.700	25.100	24.800	28.500	25.400	23.000	21.400	20.100	19.800

Earthmoving



Earthmoving & construction vehicles are in operation throughout the world working in such industries as mining, excavation, logging & building. In these applications specific tyres are required for each operation depending on the vehicle usage and ground surface.

Simex earthmoving tyres offer a solution for each operation, and come to the fore in demanding applications where their crossply construction offers high cut resistance, excellent stability and protection against damage to provide market leading performance with low cost per hour.

Application Matrix

Narrow Base Dimensions	13.00-24					SE11					
	14.00-24	SE188 SE6	SE133			SE11	SE188 SE6				
	14.00-25	SE6									
	16.00-25	SE188	SE6				SE188				
	18.00-25	SE132	SE132	SE132	SE132						
	18.00-33	SE132									
	21.00-35										
	24.00-35										
Wide and Extra Wide-base Dimensions	15.5-25					SE11					
	17.5-25					SE88	SE6 SE188	SE6			
	20.5-25			SE188		SE88	SE6 SE188	SE188	SS L5		
	23.5-25			SE188		SE88	SE6 SE188	SE188	SE191 SS L5		
	26.5-25			SE188				SE188	SE191		
	29.5-25			SE188				SE188			
	29.5-29							SE6	SD11		
	33.5-33									SE6	
	33.5-35									SE6	
	37.5-35									SE188	
35/65-33											
Other Dimensions	23.1/18-26								SE65		SA95

Earthmoving



SA95	SE11	SE188	SE191

Status: 05/2009

Dimensions

Article	Dimension	Tread pattern	Tread code	Ply Rating	TT/TL	Rim	Outer diameter (mm)	Tyre width (mm)	Tread depth (mm)	Load capacity			
										Transport		Loading	
										Load/Tyre @50 km/h (kg)	Inflation pressure (bar)	Load/Tyre @10 km/h (kg)	Inflation pressure (bar)
0515439	14.00-24	SE6	E3	28	TT	10.0,10.00 W	1.390	400	30.3	5.600	6.50		
1215486	16.00-25	SE188	E3	28	TL	11.25/2.0	1.485	440	35.5	6.700	5.75		
1215475	17.5-25	SE6	E3/L3	16	TL	14.00/1.5	1.360	444	28.9	4.250	3.00	7.300	4.75
1215501	20.5-25	SE188	E3/L3	20	TL	17.00/2.0	1.518	516	35.1	6.000	3.25	9.500	4.50
1215462	23.5-25	SE188	E3/L3	20	TL	19.50/2.5	1.648	610	43.9	7.300	3.00	10.900	3.75
1215516	26.5-25	SE188	E3/L3	26	TL	22.00/3.0	1.763	692	46.7	9.750	3.25	15.000	4.50
1215084	29.5-25	SE188	E3/L3	34	TL	25.00/3.5	1.907	750	49.0	13.200	4.00	19.700	5.25
1215402	23.5-25	SE191	L5	20	TL	19.50/2.5	1.685	635	87.0			10.900	3.75
1215473	26.5-25	SE191	L5	26	TL	22.00/3.0	1.790	690	101.0			15.000	4.50
1215334	35/65-33	SE65	L5	30	TL	28.00/3.5	2.029	885	95.5			21.200	4.25
1215517	35/65-33	SE65	L5	42	TL	28.00/3.5	2.029	885	95.5			25.750	6.00

Article	Dimension	Tread pattern	Tread code	Ply Rating	TT/TL	Rim	Outer diameter (mm)	Tyre width (mm)	Tread depth (mm)	Load capacity			
										Grader		Compactor	
										Load/Tyre @40 km/h (kg)	Inflation pressure (bar)	Load/Tyre @10 km/h (kg)	Inflation pressure (bar)
0636027	23.1/18-26	SA95	C2	12	TL	DW20A	1.560	595	24.5			3.610	1.70
1215059	14.00-24	SE11	G2/E2	14	TL	8.00 TG SDC	1.350	362	24.0	3.350	3.25		
1215376	14.00-24	SE11	G2/E2	16	TT	8.00 TG SDC	1.350	362	24.0	3.650	4.00		

SIMEX

MATERIAL HANDLING & EARTHMOVING TYRES

