



fork lift trucks

load bearing bar size	Load bearing bars at 25mm centres permissible loads (tonnes) for fork lift truck wheels with contact area of 55mm x 150mm													Self Colour Weights per square metre (kgs)	Binding Bar Weight (based on 2 x 1m) (kgs)
	clear span (mm)														
	mm	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950		
40 x 8	1.80	1.08	0.77	0.60	0.49	0.42	0.36	0.32	0.28	0.23	0.20	0.17	0.14	103.06	5.020
50 x 8	2.82	1.69	1.21	0.94	0.77	0.65	0.56	0.50	0.44	0.40	0.37	0.32	0.27	130.36	6.280
60 x 8	4.06	2.43	1.74	1.35	1.11	0.94	0.81	0.72	0.64	0.58	0.53	0.49	0.45	156.19	7.540
70 x 8	5.52	3.31	2.37	1.84	1.51	1.27	1.10	0.97	0.87	0.79	0.72	0.66	0.61	182.02	8.880
75 x 8	6.34	3.80	2.72	2.11	1.73	1.46	1.27	1.12	1.00	0.91	0.83	0.76	0.70	194.73	9.420
80 x 8	7.21	4.33	3.09	2.40	1.97	1.66	1.44	1.27	1.14	1.03	0.94	0.87	0.80	207.44	10.04
90 x 8	9.12	5.47	3.91	3.04	2.49	2.11	1.82	1.61	1.44	1.30	1.19	1.09	1.01	233.44	11.30
100 x 8	11.3	6.76	4.83	3.75	3.07	2.60	2.25	1.99	1.78	1.61	1.47	1.35	1.25	259.10	12.56

load bearing bar size	Load bearing bars at 25mm centres permissible loads (tonnes) for fork lift truck wheels with contact area of 55mm x 150mm													Self Colour Weights per square metre (kgs)	Binding Bar Weight (based on 2 x 1m) (kgs)
	clear span (mm)														
	mm	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950		
40 x 10	2.25	1.35	0.97	0.75	0.61	0.52	0.45	0.40	0.35	0.29	0.24	0.21	0.17	127.56	6.280
50 x 10	3.52	2.11	1.51	1.17	0.96	0.81	0.70	0.62	0.56	0.50	0.46	0.41	0.33	162.75	7.860
60 x 10	5.07	3.04	2.17	1.69	1.38	1.17	1.01	0.89	0.80	0.72	0.66	0.61	0.56	194.73	9.420
70 x 10	6.90	4.14	2.96	2.30	1.88	1.59	1.38	1.22	1.09	0.99	0.90	0.83	0.77	227.13	11.00
75 x 10	7.92	4.75	3.39	2.64	2.16	1.83	1.58	1.40	1.25	1.13	1.03	0.95	0.88	243.52	11.80
80 x 10	9.01	5.41	3.86	3.00	2.46	2.08	1.80	1.59	1.42	1.29	1.18	1.08	1.00	259.10	12.56
90 x 10	11.4	6.84	4.89	3.80	3.11	2.63	2.28	2.01	1.80	1.63	1.49	1.37	1.27	291.49	14.14
100 x 10	14.1	8.45	6.03	4.69	3.84	3.25	2.82	2.48	2.22	2.01	1.84	1.69	1.56	323.41	15.70

load bearing bar size	Load bearing Bars at 33mm centres permissible loads (tonnes) for fork lift truck wheels with contact area of 100mm x 250mm													Self Colour Weights per square metre (kgs)	Binding Bar Weight (based on 2 x 1m) (kgs)
	clear span (mm)														
	mm	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950		
40 x 10	3.86	2.08	1.42	1.08	0.87	0.73	0.63	0.55	0.47	0.39	0.33	0.28	0.23	99.30	6.280
50 x 10	6.03	3.25	2.22	1.69	1.36	1.14	0.98	0.86	0.77	0.69	0.63	0.54	0.45	124.65	7.860
60 x 10	8.69	4.68	3.20	2.43	1.96	1.64	1.41	1.24	1.11	1.00	0.91	0.83	0.77	149.06	9.420
70 x 10	11.8	6.37	4.36	3.31	2.67	2.24	1.93	1.69	1.51	1.36	1.24	1.13	1.05	173.79	11.00
75 x 10	13.6	7.31	5.00	3.80	3.07	2.57	2.21	1.94	1.73	1.56	1.42	1.30	1.20	186.31	11.80
80 x 10	15.5	8.32	5.69	4.33	3.49	2.92	2.51	2.21	1.97	1.77	1.61	1.48	1.37	198.21	12.56
90 x 10	19.6	10.5	7.20	5.47	4.41	3.70	3.18	2.79	2.49	2.24	2.04	1.87	1.73	222.94	14.14
100 x 10	24.1	13.0	8.89	6.76	5.45	4.57	3.93	3.45	3.07	2.77	2.52	2.31	2.14	205.72	15.70