

wagon weight FREMO recommendation section 7.4.1

length of wagon in mm	total weight req	0.5 grams per mm LoB	minimum weight	sub total	factor
50	50	25	30	55	0.9
55	52	28	30	58	0.9
60	54	30	30	60	0.9
65	56	33	30	63	0.9
70	59	35	30	65	0.9
75	61	38	30	68	0.9
80	63	40	30	70	0.9
85	65	43	30	73	0.9
90	68	45	30	75	0.9
95	70	48	30	78	0.9
100	80	50	30	80	1.0
105	83	53	30	83	1.0
110	85	55	30	85	1.0
115	88	58	30	88	1.0
120	90	60	30	90	1.0
125	93	63	30	93	1.0
130	95	65	30	95	1.0
135	98	68	30	98	1.0
140	100	70	30	100	1.0
145	103	73	30	103	1.0
150	105	75	30	105	1.0
155	108	78	30	108	1.0
160	110	80	30	110	1.0
165	113	83	30	113	1.0
170	115	85	30	115	1.0
175	118	88	30	118	1.0
180	144	90	30	120	1.2
185	147	93	30	123	1.2
190	150	95	30	125	1.2
195	153	98	30	128	1.2
200	156	100	30	130	1.2