Reference Vehicles (eligible vehicles) axle group: dimension limits

6-axle crane towing 3-axle dolly:

Crane model	Axle Spacing (m)									GCW (m)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	
Tadano AC 6.300 Tadano Demag AC 300-6	0	1.65	3.01	1.65	2.44	1.65	4.73	1.20	3.44	2.92
Tadano Demag AC 350/1 Tadano Demag AC 350-6 Tadano Demag AC 350/6	0	1.65	3.01	1.65	2.44	1.65	5.55	1.26	2.35	2.92
Grove GMK6220L Grove GMK6300 Grove GMK6300L	0	1.70	3.20	1.62	2.40	1.65	5.00	1.52	1.52	2.87
Grove GMK6400	0	1.70	3.50	1.65	2.45	1.65	5.97	1.50	1.50	2.87
Liebherr LTM 1300-6.2 Liebherr LTM 1350-6.1	0	1.65	3.10	1.65	2.44	1.65	5.74	1.35	1.35	2.93
Liebherr LTM 1250/1 Liebherr LTM 1250-6.1 Liebherr LTM 1300/1 Liebherr LTM 1300-6.1	0	1.85	2.85	1.65	2.58	1.65	5.30	1.23	1.23	2.93
Tadano ATF 400G-6	0	1.80	3.15	1.70	2.44	1.70	6.82	1.60	1.60	2.94

7-axle crane:

Crane model	Axle Spacing (m)							Min GCW (m)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	
Tadano Demag AC 450-7 | AC7.450	0	1.65	1.65	2.66	1.65	2.20	1.65	2.94m
LTM1400-7.1	0	1.65	3.20	1.65	2.20	1.65	1.65	2.94m
Grove GMK7450	0	1.65	1.65	3.00	1.65	2.45	1.65	2.87m

7-axle cranes with a 3-axle dolly

Crane model	Axle Spacing (m)										GCW (m)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	Axle 10	
LTM1400-7.1	0	1.65	3.20	1.65	2.20	1.65	1.65	6.99	1.60	1.60	2.92

7-axle cranes with a 4-axle dolly:

Crane model	Axle Spacing (m)											GCW (m)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	Axle 10	Axle 11	
Tadano Demag AC 450-7, Tadano AC 7.450	0	1.65	1.65	2.66	1.65	2.20	1.65	4.46	1.22	2.50	1.22	2.94
Grove GMK7450	0	1.65	1.65	3.00	1.65	2.45	1.65	3.66	1.65	1.65	3.85	2.87

8-axle cranes:

Crane model	Axle Spacing (m)								Min. GCW (m)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	
Tadano Demag AC500-2 Tadano Demag AC500-8	0	1.50	1.55	2.00	1.50	2.39	1.50	2.49	3.04
Liebherr LTM 1450/8.1 Liebherr LTM 1500 Liebherr LTM 1500/8.1	0	1.65	1.65	2.80	1.65	1.65	2.25	1.65	2.90
Liebherr LTM 1650/8.1	0	1.65	1.65	3.80	1.65	1.65	2.45	1.65	2.90
Liebherr LG1750	0	1.75	1.75	2.10	1.99	1.80	2.04	1.80	2.89
Terex Demag TC2800-1	0	1.50	1.50	1.50	1.50	5.64	1.50	1.50	3.00

9-axle cranes:

Crane model	Axle Spacing (m)									GCW (m)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	
Liebherr LTM11200-9.1	0	1.48	2.08	1.50	1.48	3.07	1.50	3.30	1.48	2.93
Liebherr LTM 1750-9.1	0	1.61	1.59	2.15	1.60	1.65	3.37	3.40	1.60	2.93
Tadano Demag AC700-9	0	1.65	1.65	2.00	1.50	2.49	1.50	2.61	1.50	2.94
Tadano Demag AC1000-9	0	1.60	2.10	1.58	1.58	1.60	3.37	3.43	1.60	2.88

Reference Vehicles (eligible vehicles) axle group: mass limits

6-axle crane towing 3-axle dolly:

Crane model	Axle Mass(t)									GCM (t)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	
Tadano AC 6.300 & Tadano Demag AC 300-6	7.10	7.10	9.55	9.55	9.55	9.55	9.85	9.85	8.30	80.00
Tadano Demag AC 350/1, Tadano Demag AC 350/6	8.25	8.25	9.38	9.37	9.38	9.37	8.84	8.84	8.84	80.00
Liebherr LTM 1300-6.2, Liebherr LTM 1350-6.1	9.10	9.10	9.92	9.92	9.92	9.92	8.90	8.90	8.90	84.00
Liebherr LTM 1250/1, Liebherr LTM 1250-6.1, Liebherr LTM 1300/1, Liebherr LTM 1300-6.1	8.40	8.40	10.32	10.32	10.32	10.32	8.65	8.65	8.65	84.00
Tadano ATF 400G-6	8.75	8.75	8.75	8.75	8.75	8.75	8.40	8.40	8.40	77.00
Grove GMK6220L, Grove GMK6300, Grove GMK6300L	7.80	7.80	8.73	8.73	8.73	8.73	8.84	8.84	8.84	77.00
Grove GMK6400	7.80	7.80	10.30	10.30	9.70	9.70	8.90	8.90	8.90	82.00

7-axle crane:

Crane model	Axle Mass(t)							Total mass (t)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	
Tadano Demag AC 450-7	12.00	12.00	12.00	12.00	12.00	12.00	12.00	84.00
LTM 1400-7.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	84.00
LTM 1400-7.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	84.00
Grove GMK7450	12.00	12.00	12.00	12.00	12.00	12.00	12.00	84.00

7-axle cranes with a 3-axle dolly:

Crane model	Crane Axle Mass(t)							Dolly Axle Mass(t)			GCM (t)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	Axle 10	
LTM 1400-7.1	9.30	9.30	9.30	9.80	9.80	9.80	9.80	9.00	9.00	9.00	94.10

7-axle cranes with a 4-axle dolly:

Crane model	Crane Axle Mass(t)							Dolly Axle Mass(t)				GCM (t)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	Axle 10	Axle 11	
Tadano Demag AC 450-7, Tadano AC 7.450	5.90	5.90	5.90	9.70	9.70	9.70	9.70	9.83	9.83	7.10	7.10	90.00
Grove GMK7450	8.00	8.00	8.00	9.30	9.30	8.80	8.80	8.80	8.80	8.80	8.80	95.00

8-axle cranes:

Crane model	Crane Axle Mass(t)								GCM (t)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	
Liebherr LTM 1450/8.1, Liebherr LTM 1500, Liebherr LTM 1500/8.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	96.00
Liebherr LTM 1450/8.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	96.00
Liebherr LG1750	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	96.00
Tadano Demag AC 500-2, Tadano Demag AC 500-8	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	96.00
Terex Demag TC2800-1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	96.00
Liebherr LTM 1650/8.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	96.00

9-axle cranes:

Crane model	Axle Mass(t)									GCM (t)
	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6	Axle 7	Axle 8	Axle 9	
Demag AC1000-9 - WMG9305L3JZ000016 (I2004485)	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	108.00
Tadano Demag AC 700-9	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	108.00
Tadano Demag AC 1000-9	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	108.00
Liebherr LTM 1750-9.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	108.00
Liebherr LTM 11200-9.1	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	108.00