

Maximum Allowable Traveling Weights

777T

Allowable ratings are based on manufacturer's permissible ratings for axles, tires, rims, and other components and should not be exceeded for speeds and pressures shown.

Manitowoc 10 x 6 carrier - 277 in. (7 036 mm) wheelbase equipped with tandem axles in front and tridem axles in rear.

Creep speed = 0.25 (1/4) MPH (0.4 kms/hr)

Maximum Allowable Traveling Weight - 116 PSI (800 kPa) Tire Pressure								
Travel Speed - MPH	Static	Creep	1	10	20	30	45	60
Travel Speed - kms/hr	Static	Creep	1.6	16	32	48	72	97
Front Tandem - Lbs.	126,000A	126,000A	108,800T	65,600T	57,200T	52,500T	42,000T	36,400T
Front Tandem - kg	57 150A	57 150A	49 350T	29 760T	25 940T	23 810T	19 050T	16 510T
Rear Tridem- Lbs.	360,000A	360,000A	326,400A	162,000A	150,000A	135,000A	120,000A	109,200T
Rear Tridem - kg	163 290A	163 290A	148 050A	73 480A	68 040A	61 240A	54 430A	49 530T
Gross Vehicle Wt.- Lbs.	486,000	486,000	435,200	227,600	207,200	187,500	162,000	145,600
Gross Vehicle Wt. - kg	220 440	220 440	197 400	103 240	93 980	85 050	72 480	66 040
Tire Pressure - PSI	116	116	116	116	116	116	116	116
Tire Pressure - kPa	800	800	800	800	800	800	800	800
Michelin 14.00 R 24 (385/95 R 24) 170 E load index and speed symbol								

Maximum Allowable Traveling Weight - 140 PSI (965 kPa) Tire Pressure								
Travel Speed - MPH	Static	Creep	1	10	20	30	45	60
Travel Speed - kms/hr	Static	Creep	1.6	16	32	48	72	97
Front Tandem - Lbs.	126,000A	126,000A	123,600A	78,000T	66,400T	62,000T	48,800T	42,400T
Front Tandem - kg	57 150A	57 150A	56 060A	35 380T	30 120T	28 120T	22 140T	19 230T
Rear Tridem- Lbs.	360,000A	360,000A	326,400A	162,000A	150,000A	135,000A	120,000A	111,000A
Rear Tridem - kg	163 290A	163 290A	148 050A	73 480A	68 040A	61 240A	54 430A	50 350A
Gross Vehicle Wt.- Lbs.	486,000	486,000	450,000	240,000	216,400	197,000	168,800	153,400
Gross Vehicle Wt. - kg	220 440	220 440	204 110	108 860	98 160	89 360	76 570	69 580
Tire Pressure - PSI	140	140	140	140	140	140	140	140
Tire Pressure - kPa	965	965	965	965	965	965	965	965
Michelin 14.00 R 24 (385/95 R 24) 170 E load index and speed symbol								

Weights in tables denoted with (A) are based on axle ratings. Weights in tables denoted with (T) are based on tire ratings.

Travel speeds in tables are average speeds per hour of travel.

Refer to Weight Distribution Chart **No. 7975-A** for axle loadings when equipped with various components.