

## **Features**

- 120 t (120 USt) capacity
- 11,3 m 60 m (37.2 ft 197 ft) seven-section MEGAFORM<sup>™</sup> boom
- 10,5 m 17,6 m (34.5 ft 57.6 ft) manual or hydraulic bi-fold lattice swingaway extension with offsets up to 45°
- Crane Control System (CCS)
- New wider full vision cab with 20° cab tilt
- MAXbase variable outrigger positioning system

## **GROVE GRT8120**

The GRT8120 was designed after gathering feedback from crane owners and operators to ensure that it is loaded with the features and reliability you demand.

## Features

## > Unmatched reach with compact carrier

Class-leading lifting performance is enhanced by the 11,3 m to 60 m (37.2 ft to 197 ft) seven-section MEGAFORM<sup>TM</sup> boom with TWIN-LOCK<sup>TM</sup> boom pinning system. This amount of main boom length is typically reserved for rough terrain cranes in the 135 t - 150 t (150 USt -165 USt) class, however when combined with a compact carrier with dimensions of cranes in the 70 t - 90 t (80 USt- 100 USt) class, make the GRT8120 a truly versatile crane that should be in every crane owners fleet. Boosting overall reach is the 17,6 m (57.6 ft) manual or hydraulic swingaway jib for a maximum tip height of 80,8 m (265 ft).

### > MAXbase variable outrigger positioning

MAXbase provides increased versatility on the jobsite by allowing asymmetrical outrigger spans. This makes it easier to work in congested jobsites with obstructions, and allows for increased capacities when comparing to the standard 360° load charts.

### > New wider full vision cab

The new wider full vision cab was designed with operator comfort, visibility and productivity in mind. Additional width, redesigned armrests and 20° cab tilt maximize the operator experience. Standard features include tilt/telescoping steering wheel, USB charging port, electronic seat adjustments, highoutput heating and air conditioning system, large pivoting cup holder, windshield sun visor, added storage behind the seat, and three camera package. Additional optional equipment includes radio with Bluetooth and heated seat.

## > Backing up our promise

Our new GRT line of Rough Terrain cranes have been designed from the ground up to provide class-leading specifications, and have undergone extensive testing to ensure they provide industryleading quality and reliability. We stand behind our new line of GRT cranes, and we are willing to prove it. With new three, four or five-year extended warranty programs as well as a new two-year standard warranty, our GRT line of cranes are built to be GROVE. REAL. TOUGH.



THE ONLY **FIVE-YEAR** WARRANTY PROGRAM AVAILABLE IN THE INDUSTRY

## **GRT8120** benefits

- > Class-leading boom length and capacities maximize utilization.
- Compact dimensions with self-rigging counterweight allow for efficient and easy transportation to the job.
- > Wireless rigging remote enables fast and convenient setup.
- Flat aluminum decking, additional storage compartments and a full LED lighting package with new side-mounted carrier lights improve access and jobsite set up.
- MAXbase variable outrigger positioning system Increased lift capacities and easy access to any jobsite.
- ➤ TWIN-LOCK<sup>™</sup> boom pinning system maximizes capacities by reducing weight inside the extended boom.
- Boom Configurator mode increases efficiency and simplifies telescoping operation.
- Manual or hydraulic bi-fold swingaway with offset capability to 45° increases ability to reach over obstacles and increases jobsite versatility.
- Innovative smart-sensing outrigger monitoring system offers reliable accuracy.
- > ECO mode supports intelligent power management and decreased fuel consumption.
- New wider cab with 20° cab tilt and high-output heating and air conditioning system maximizes operator comfort.
- Four modes of steering increase jobsite maneuverability and make crane positioning easier.





### Manitowoc Crane Care when you need it.

The assurance of the world's most advanced crane service and support to get you back to work fast.



## Manitowoc Finance helps you get right to work generating profits for your business.

Financial tools that help you capitalize on opportunity with solutions that fit your needs.

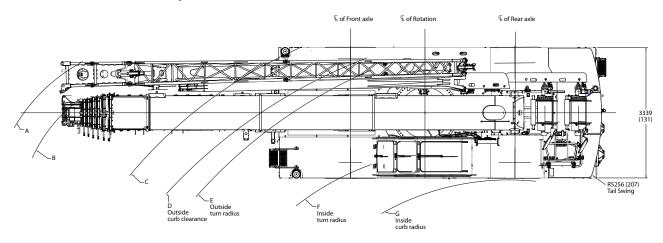
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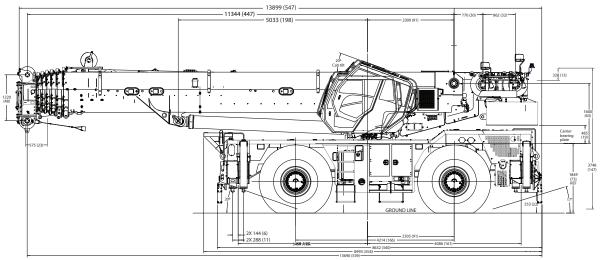
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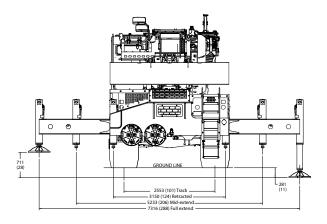
## Dimensions

Tire siz	e: 29.5 x	25											
А	В	С	D	Е	F	G	А	В	С	D	E	F	G
17 526 mm (690")	16713 mm (658")	14630 mm (576")	13970 mm (550")	13564 mm (534")	11278 mm (444")	9957 mm (392")	11938 mm (470")	11227 mm (442")	8664 mm (341")	7798 mm (307")	7493 mm (295")	4826 mm (190")	4521 mm (178")
Two-wheel steer Four-wheel steer													

Dimensions in mm (in) unless otherwise specified.







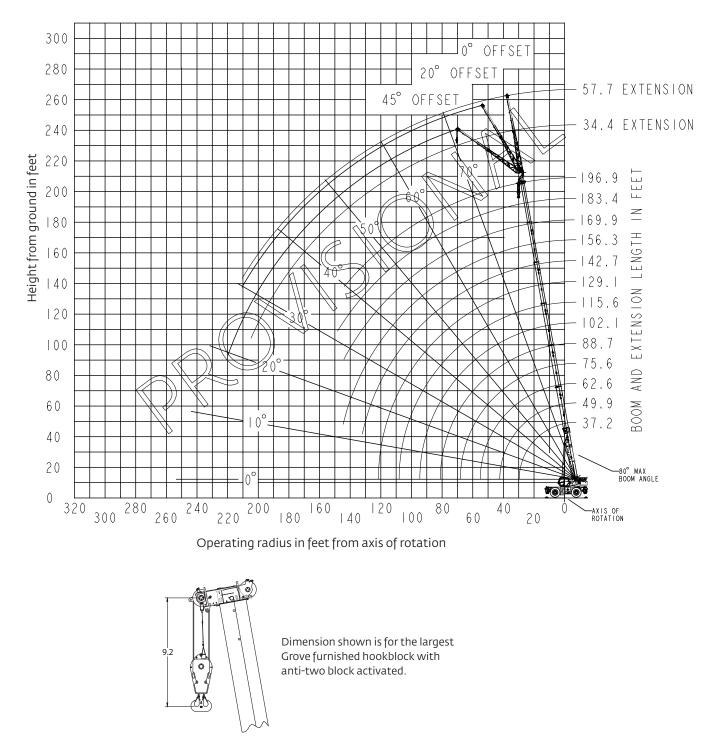
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## Weights

Weights						
	Gre	oss	Ax	le 1	Ax	le 2
	kg	lb	kg	lb	kg	lb
<b>Basic crane</b> with Cummins T4F engine, 60 m (197 ft) main boom, main and auxiliary hoist with wire rope, m (57.6 ft) manually offset bi-fold swingaway, 75 t (83 USt) hookblock, 11 t (12 USt) overhaul weight, auxiliar boom nose and 13 245 kg (29,200 lbs) counterweight	17.6 58,917	129,889	28,597	63,045	30,320	66,845
<b>Remove</b> 13 245 kg (29,200 lb) counterweight	-13,245	-29,200	4,931	10,871	-18,176	-40,071
crane we	eight 45,672	100,689	33,528	73,916	12,144	26,774
<b>Remove</b> 17.6 m (57.6 ft) manually offset bi-fold swingaway	-1,450	3,197	-2,423	-5,342	973	2,145
crane we	eight 44,222	97,492	31,105	68,574	13,117	28,919
Remove Auxiliary boom nose		-194	-259	-570	171	376
crane we	ight 44,134	97,298	30,846	68,004	13,288	29,295
Remove 11 t (12 USt) overhaul weight	-294	-648	-471	-1,038	177	390
crane we	eight 43,840	96,650	30,375	66,966	13,465	29,685
Remove 75 t (83 USt) hookblock	-1,070	-2,359	-1,715	-3,780	645	1,421
crane we	eight 42,770	94,291	28,661	63,186	14,109	31,106
<b>Basic crane as noted above:</b> <b>Substitute</b> 10.5 m - 17.6 m (34.5 ft - 57.6 ft) hydraulica offset bi-fold swingaway and stowage brackets ILO standard manual bi-fold swingaway	lly 231	509	537	1,183	-306	-674
crane we	<b>eight</b> 59,148	130,398	29,134	64,228	30,014	66,171

### Working range diagram with bi-fold extension

(Boom deflection not shown)



## Load chart

Main boom

37.2 ft - 197 ft





Pounds

Radius						Main boom l	ength in feet	t				
in feet	37.2	49.9 - 50.8	60.5 - 64.4	73.6 - 78	84.5 - 91.3	98 - 104.4	109.3 - 117	122.9 - 137.7	147.9 - 154.1	156.3 - 169.9	183.4 - 184.1	194.7 - 196.9
8	240,000*	180,000										
10	176,500	177,500	160,000									
12	158,000	159,000	145,000	125,000								
15	136,000	137,000	129,500	114,000	100,500							
20	105,500	106,500	105,500	95,700	85,750	80,250						
25	80,400	83,150	82,350	81,400	75,600	69,250	65,350					
30		65,100	66,150	65,950	64,800	62,800	58,700	53,500				
35		53,350	53,650	53,500	55,000	54,850	52,950	48,950	36,600			
40		43,750	43,750	45,250	44,650	46,000	44,700	43,550	36,600	29,650		
45			37,200	37,200	37,200	37,800	36,550	35,450 🕥	35,950	29,350	21,200	
50			31,050	31,250	32,650	31,900	31,450	29,650	30,200	29,350	21,200	17,900
55			26,250	28,200	27,950	27,200	28,000	26,500	25,550	25,200	21,200	17,900
60				24,350	24,200	24,650	24,250	23,500	V <sub>21,850</sub>	22,100	21,200	17,900
65				21,200	21,150	21,950	21,200	20,450	19,400	19,900	19,550	17,900
70				16,650	19,050	19,400 ((	18,650	17,950	18,150	17,800	17,350	17,150
75					17,500	17,300	16,650	16,000	16,350	16,400	15,350	15,300
80					14,700 ((	15,500	14,850	14,600	15,200	14,850	13,900	13,500
85					$\Pi$	13,890	13,250	13,650	13,750	13,250	12,600	11,950
90				~		12,450	11,850	12,550	12,450	11,900	11,200	10,550
95					ΓN)	9,810	10,600	11,800	11,200	10,650	10,000	9,380
100			(		Ŵ		9,520	10,700	10,150	10,000	8,950	8,310
105				))			8,660	9,730	9,190	9,160	8,000	7,360
110			$\langle \rangle$	$\bigcirc$				8,850	8,320	8,290	7,140	6,510
115				3				8,070	7,540	7,510	6,360	5,730
120								7,510	6,820	6,800	5,660	5,030
125								6,330	6,160	6,140	5,020	4,390
130		$\square$						3,940	5,550	5,530	4,430	3,810
135									5,000	4,970	3,890	3,270
140									4,490	4,470	3,400	2,780
145									4,030	4,000	2,930	2,330
150										3,090	2,490	1,900
155										2,700	2,090	1,500
160										2,330	1,710	1,120
165											1,370	
170											1,050	

\*Requires special equipment

## Load chart

MAXbase

Main boom - MAXbase 20° over outriggers



37.2 ft - 197 ft











Pounds

Radius					1	Main boom	length in fe	et				
in feet	37.2	49.9 - 50.8	60.5 - 64.4	73.6 - 78	84.5 - 91.3	98 - 104.4	109.3 - 117	122.9 - 137.7	147.9 - 154.1	156.3 - 169.9	183.4 - 184.1	194.7 - 196.9
8	180,000											
10	176,500	177,500	160,000									
12	158,000	159,000	145,000	125,000								
15	136,000	137,000	129,500	114,000	100,500							
20	105,000	105,500	105,000	95,700	85,750	80,250						
25	80,950	83,550	82,600	81,400	75,600	69,250	65,350					
30		65,500	66,450	66,100	64,900	62,800	58,700	53,500				
35		53,350	53,950	53,750	55,150	54,850	52,950	48,950	36,600			
40		44,550	44,800	45,250	46,150	47,400	46,250	43,850	36,000	29,350		
45			39,200	39,550	39,150	40,550	39,400	38,450	35,800	29,350	21,200	
50			33,650	34,050	33,750	35,050	34,050	(33,100	32,750	29,200	21,200	17,900
55			29,200	29,600	30,900	30,600	29,600	28,750	29,250	27,250	21,200	17,900
60				26,000	27,450	26,900	27,300	25,450	V 25,700	25,150	21,200	17,450
65				24,100	24,350	23,850	24,750	22,200	22,700	22,150	20,850	16,650
70				18,350	21,750	21,650 ((	22,100))	20,450	20,150	19,750	19,650	15,900
75					19,450	20,400	19,850	18,900	17,900	18,050	18,550	15,150
80					17,500((	18,450	17,900	17,300	16,000	17,000	16,800	14,400
85					$\Pi$	16,750	16,150	15,600	15,050	15,300	15,100	13,550
90				~		15,200	14,650	14,050	14,150	13,750	13,600	12,700
95					$\sum \left( \int \int \int \int \partial $	12,400	13,250	12,700	13,150	12,400	12,250	11,900
100					Â		12,050	11,450	11,950	11,250	11,000	11,100
105				))			10,950	10,800	10,950	10,500	9,950	10,100
110		<	$\langle \rangle \rangle$					10,250	10,300	9,800	8,970	9,120
115				3				9,740	9,720	9,150	8,360	8,200
120								8,970	8,890	8,450	7,800	7,360
125								8,210	8,330	7,840	7,250	6,600
130								4,900	7,630	7,140	6,550	5,910
135									6,980	6,490	5,910	5,280
140									6,380	6,080	5,310	4,690
145									5,820	5,730	4,750	4,150
150										4,810	4,230	3,630
155										4,320	3,740	3,140
160										3,530	3,280	2,690
165											2,860	2,260
170											2,450	1,860
175											2,070	1,480
180												1,120

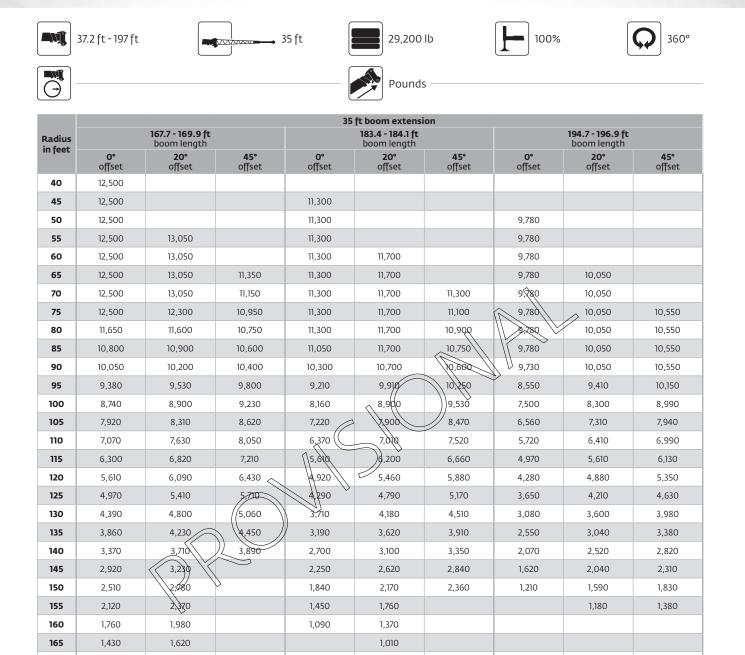
## Load chart

170

1,120

1,280

Manual bi-fold extension



# Load chart Manual bi-fold extension







100%





Pounds

				58	ft boom extensi	on			
Radius in feet		1 <b>67.7 - 169.9 ft</b> boom length			<b>183.4 - 184.1 ft</b> boom length			<b>194.7 - 196.9 ft</b> boom length	
in feet	<b>0°</b> offset	<b>20°</b> offset	<b>45°</b> offset	<b>0°</b> offset	<b>20°</b> offset	<b>45°</b> offset	<b>0°</b> offset	<b>20°</b> offset	<b>45°</b> offset
45	7,590								
50	7,590			7,110					
55	7,590			7,110			6,280		
60	7,590			7,110			6,280		
65	7,590			7,110			6,280		
70	7,590	7,290		7,110			6280		
75	7,590	7,130		7,110	7,200		6,280		
80	7,590	6,980	5,680	7,110	7,060		6,280	6,990	
85	7,590	6,830	5,620	7,110	6,920	5,650	6,280	6,860	
90	7,590	6,700	5,560	7,110	6,790	5,590	6,280	6,740	
95	7,590	6,560	5,500	7,110	6,660	5,530	6,280	6,620	5,530
100	7,590	6,440	5,440	7,110	6,549	5,480	6,280	6,510	5,480
105	7,590	6,320	5,390	João S	6,420	5,430	6,280	6,410	5,430
110	7,180	6,210	5,340	6,780	8,310	5,380	6,140	6,300	5,390
115	6,710	6,100	5,290	6,010	6,210	5,330	5,380	6,200	5,340
120	6,000	6,000	5,260	530	6,070	5,290	4,680	5,800	5,300
125	5,360	5,900	5,220	)) 4,680	5,640	5,260	4,050	5,100	5,270
130	4,780	5,580	5,200	4,090	5,000	5,230	3,470	4,450	5,230
135	4,240	1,998	5,150	3,560	4,400	5,130	2,930	3,860	4,670
140	3,740	4,449	5,000	3,060	3,860	4,520	2,440	3,320	4,060
145	3,280	3,930	4,430	2,610	3,350	3,950	1,990	2,810	3,490
150	2,860	3,460	3,900	2,190	2,880	3,420	1,570	2,340	2,960
155	2,470	3,030	3,410	1,800	2,440	2,930	1,180	1,900	2,470
160	2,100	2,620	2,940	1,430	2,040	2,470		1,500	2,010
165	1,760	2,230	2,510	1,090	1,650	2,040		1,110	1,570
170	1,440	1,870			1,300	1,630			1,170
175	1,150	1,540				1,240			
180		1,220							

## Load handling

Weight reductions for load handling devices					
Auxiliary boom nose 88 kg (194 lb)					
Hook blocks and overhaul weights:					
100 t (112 USt), 7-sheave	1140 kg (2513 lb)+				
75 t (83 USt), 5-sheave	1070 kg (2359 lb)+				
45 t (50 USt), 3-sheave	770 kg (1698 lb)+				
26 t (29 USt), single sheave	535 kg (1179 lb)+				
11 t (12 USt), overhaul weight	294 kg (648 lb)+				
9 t (10 USt), overhaul ball 330 kg (727 lb)+					
75 t (83 USt), 5-sheave 45 t (50 USt), 3-sheave 26 t (29 USt), single sheave 11 t (12 USt), overhaul weight	1070 kg (2359 lb)+ 770 kg (1698 lb)+ 535 kg (1179 lb)+ 294 kg (648 lb)+				

\*Refer to rating plate for actual weight.

Line pulls and reeving information						
Hoists	Cable specs.	Permissible line pulls	Nominal cable length			
Main	19 mm (3/4 in) 35x7 Class rotation resistant (non-rotating) Min. breaking strength 38 918 kg (85,800 lb)	7784 kg (17,160 lb)*	250 m (820 ft)			
Auxiliary	19 mm (3/4 in) 35x7 Class rotation resistant (non-rotating) Min. breaking strength 38 918 kg (85,800 lb)	7784 kg (17,160 lb)*	185 m (607 ft)			

The approximate weight of 19 mm (3/4 in) wire rope is 2.2 kg/m (1.5 lb/ft). \*With certain boom and hoist tackle combinations, the allowable line pull may be limited by hoist performance. Refer to Hoist performance table for lift planning to ensure adequate hoist performance on drum rope layer required.

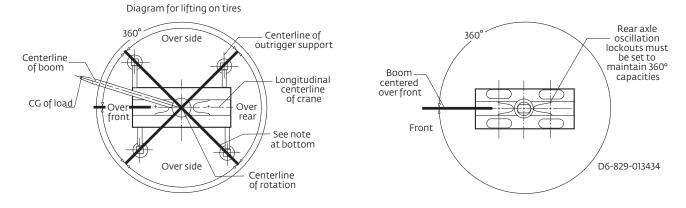
	Hoist li	ne pulls	Drum car	Drum capacity (ft)			
Wire	Two spe	ed hoist	Druin capacity (jt)				
rope layer	Low	High					
luyer	Available lb	Available lb	Layer	Total			
1	23,468	12,957	108.7	108.7			
2	21,553	11,900	118.4	227.1			
3	19,927	11,003	128.1	355.2			
4	18,530	10,231	137.7	492.9			
5	17,315	9560	147.4	640.3			
6	16,250	8972	157.1	797.4			

\*Refer to Line Pulls and Reeving Information table for max. lifting capacity of wire rope.

Synthetic rope layer height may vary and may reduce available line pull per layer.

Tire inflation						
Size (front and rear)	TRA Code	Lifting service, general travel and extended travel				
(front and rear)		Static, creep and 2.5 mph (4.0 km/h)				
29.5 x 25 - 34 PR	E-3	5.2 bar (76 psi)				

## Working area diagram



Bold lines determine the limiting position of any load for operation within working areas indicated.

## Specifications

### Superstructure

### ጫ Boom

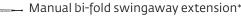
BOOM: 11,3 m - 60 m (37.2 ft - 197 ft) seven-section MEGAFORM™ boom with TWIN-LOCK<sup>™</sup> boom pinning system. Maximum tip height: 63.1 m (207 ft)

## 🕄 Boom nose

Five nylon sheaves mounted on heavy-duty tapered roller bearings with removable pin type guards. Quick reeve boom nose. Removable single sheave auxiliary boom nose with removable pin-type rope guard.

### Boom elevation

Single hydraulic cylinder with integral holding valve provides boom elevation from -3° to +80°.



10,5 m - 17,6 m (34.5 ft - 57.6 ft) bi-fold lattice swingaway extension. Offsets at 0°, 20° and 45°. Stows alongside base boom section. Includes wireless rigging remote.

Maximum tip height: 80.8 m (265 ft)



### Hydraulic bi-fold swingaway extension\*

10,5 m – 17,6 m (34.5 ft – 57.6 ft) bi-fold lattice swingaway extension. Hydraulically offsets from 0° to 45°. Controlled from crane cab. Stows alongside base boom section. Includes wireless rigging remote. Maximum tip height: 80.8 m (265 ft)

## Crane Control System (CCS)

Rated Capacity Limiter (RCL) with graphical display. Load moment and anti-two block system with audio-visual warning and control lever lockout. This system provides electronic display of boom angle, boom length, load radius, boom tip height, maximum permissible load, actual load and warning of impending two-block condition. Also includes an Operating display which shows the crane operating indicators, levels, warnings and faults. Other features include a Working Range Limiter (WRL) which allows the operator to preselect and define working areas. If the crane approaches the operator preset limits, audio-visual warnings aid the operator in avoiding obstructions. ECO mode system to control engine rpm to lower noise and improve fuel consumption. Operatorprogrammable function speeds and ramps.



Operator-controlled 20° hydraulic cab tilt, full vision, all steel fabricated with acoustical lining and tinted safety glass throughout. Deluxe seat with headrest, incorporates armrest-mounted electronic programmable single-axis or dual-axis controllers and a jog dial for easy data input. Tilt/ telescoping steering wheel with controls incorporated into the steering column. Other standard features include heater (hot water), circulating air fan, high-output air conditioning system, sliding skylight with sunscreen, windshield and skylight washer/wiper, windshield sun visor, fire extinguisher, seat belt, USB charging port, pivoting cup holder, and dual cab-mounted work lights.



Variable speed, 360° continuous rotation. Planetary swing drive with foot actuated multi-disc brake. Spring-applied, hydraulically released swing brake. Two-position mechanical swing lock pin, operated from cab. Maximum speed: 2 rpm



### Counterweight

13 245 kg (29,200 lb) hydraulically installed and removed. Controlled via CCS operating display in cab or via wireless rigging remote.



#### NWW. Hoist (main and optional auxiliary hoist)

Planetary reduction driven by axial piston motor. Grooved drum with automatic spring applied multi-disk wet brake. Electronic hoist drum rotation indicator. Third wrap indicator with hoist function cut-out standard.

Maximum hoist single line pull: 1st layer: 10 645 kg (23,468 lb) 3rd layer: 9039 kg (19,927 lb) 6th layer: 7371 kg (16,250 lb) Maximum permissible single line pull: 7784 kg (17,160 lb) Maximum hoist single line speed (no load): 148 m/min (487 ft/min) Rope construction: 35 x 7 rotation - resistant Rope diameter: 19 mm (3/4 in) Rope length: Main hoist: 250 m (820 ft) Auxiliary hoist: 185 m (607 ft)

## Carrier

#### Chassis

Parallel box section fabricated from high-strength, low-alloy steel with integral outrigger boxes, front and rear lift, tie-down, and towing lugs.



## 🕒 Outrigger system

Four hydraulic telescoping single stage double box beam outriggers with inverted jack cylinders and integral jack holding valves. Three position settings, 0%, 50%, and fully extended. Polymer outrigger floats 600 mm (23.6 in) diameter. Outrigger Monitoring System (OMS) with in-cylinder sensors. Outrigger beam position shown on RCL display.



## Outrigger controls

Main controls and digital level shown on operating display in cab. Extension and retraction are through the CCS system as well as the wireless rigging remote. Includes automatic leveling feature.

## Specifications

### Carrier cont'd

### Hydraulic system

Two main pumps variable displacement piston and one gear with a combined output capacity of 507 L/min (134 gal/min).

Maximum operating pressure: 276 bar (4000 psi)

Return line in-tank filter with full flow by-pass protection and service indicator. Replaceable cartridge with 4 micron filtration rating per ISO cleanliness level of 17/15/12. Carrier mounted oil cooler with thermostatically controlled hydraulic motor driven fan / air to oil. System pressure test ports.

## Engine (Tier 4F)

Cummins QSB6, 7L diesel six cylinder, turbo-charged with Cummins Compact Catalyst (CCC) and selective catalytic reduction (SCR) combo muffler, using diesel exhaust fluid (DEF) injection. Meets emissions per U.S. EPA Tier 4F and E.U. Stage IV.

275 hp (205 kW) at 2500 rpm, Maximum torque: 730 lb/ft (990 Nm) at 1500 rpm. Fuel requirements: Maximum of 15 ppm ultra-low sulfur diesel fuel + diesel exhaust fluid (DEF).

## Engine (Tier 3)

Cummins QSB6, 7L diesel six cylinder, turbo-charged with 275 hp (205 kW) at 2500 rpm, Maximum torque: 730 lb/ft (990 Nm) at 1500 rpm. Fuel requirements: Maximum of 5000 ppm. Sulfur diesel fuel.

## Fuel tank capacity

312 L (82 gal)

## C Transmission

Rangeshift with six forward and six reverse speeds. (Three speeds high and three speeds low). Front axle disconnect for 4 x 2 drive.

## + Axles

FRONT: Drive / steer with differential and planetary reduction hubs rigid mounted to frame.

REAR: Drive / steer with differential and planetary reduction hubs pivot mounted to frame. Automatic full hydraulic lockouts on rear axle permits 254 mm (10 in) of oscillation only with boom centered over the front.

## **O** Brakes

Full hydraulic split (dual) circuit dry disc operating on all wheels with dual calipers. High pressure parking brake is spring applied / hydraulically released on the front axle input shaft.

## Steering

Fully independent power steering.

Front: Fully hydraulic steering wheel controlled. Rear: Fully hydraulic via separate momentary switch provides infinite variations 4 steering modes, front only, rear only, coordinated and crab. Rear steer not aligned indicator.

Outside 4WS coordinated steer radius: 7,5 m (24.6 ft) Inside 4WS coordinated steer radius: 4,8 m (15.8 ft)

## ပြ <sub>Tires</sub>

29.5 x 25 – 34 bias ply rating

## 🗲 Electrical system

Two 12 V maintenance-free batteries with disconnect. 24 V system / 24 V lighting



Full LED lighting package including turn indicators; head, tail, brake and hazard warning lights; carrier side mounted work lights and work lights mounted on cab front.



Maximum Drive Speed

24,1 km/h (15 mph) with counterweight installed.



## Gradeability (theoretical)

70% to drive train stall based on 58 917 kg (129,889 lb) GVW with 29.5 x 25 tires, standard counterweight, auxiliary hoist and manual bi-fold extension.

### Miscellaneous standard equipment

Full length aluminum decking, dual rear view mirrors, hook block tie-down, electronic back-up alarm, covered deck storage compartment, hot water cab heater / defroster, cab air conditioner, hoist mirrors, hourmeter, A/V warning system, combination lift/tie-down/towing lugs, coolant sight level indicator, hoist access platform, storage boxes on both sides of carrier and cribbing storage on left side of carrier.

### \*Optional equipment

• Auxiliary Hoist Package: Includes auxiliary hoist with electronic hoist drum rotation indicator, hoist drum cable follower, third wrap indicator with hoist function cut-out, 185 m (607 ft) of 19 mm ( $\frac{34}{100}$  in.) of 35 x 7 class rotation resistant wire rope.

• Auxiliary Lighting and Convenience Package: Includes superstructure mounted amber flashing beacon, dual base boom mounted LED work lights controlled from cab and in-cab RCL light bar.

- 10,5 m 17,6 m (34.5 ft 57.6 ft) manual bi-fold swingaway extension
- 10,5 m 17,6 m (34.5 ft 57.6 ft) hydraulic luffing extension
- 360° NYC style mechanical swing lock
- Rear pintle hitch
- Cab-controlled cross axle differential locks (front and rear)
- Wind speed indicator
- Vertical RCL light tower
- -29C / -20F cold weather package
- -40C / -40F arctic weather package
- Emergency stop buttons on each side of carrier
- Second beacon light
- Refinery package (certified spark arrestor + engine air shutdown) (T3 engine only)
- MAXbase variable outrigger positioning system
- Three camera package (rear-view, right side and hoists)
- Bluetooth/AM/FM radio
- Heated seat
- CraneSTAR asset management system

## Symbols glossary





## **Manitowoc Cranes**

## **Regional headquarters**

### Americas

Milwaukee, Wisconsin, USA Tel: +1 414 760 4600

Shady Grove, Pennsylvania, USA Tel: +1 717 597 8121 **Europe and Africa Dardilly, France - TOWERS** Tel: +33 (0) 472 18 20 20

Wilhelmshaven, Germany - MOBILE Tel: +49 (0) 4421 294 0 **APAC Shanghai, China** Tel: +86 21 6457 0066

**Singapore** Tel: +65 6264 1188 Middle East and India Dubai, UAE Tel: +9714 8862677









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