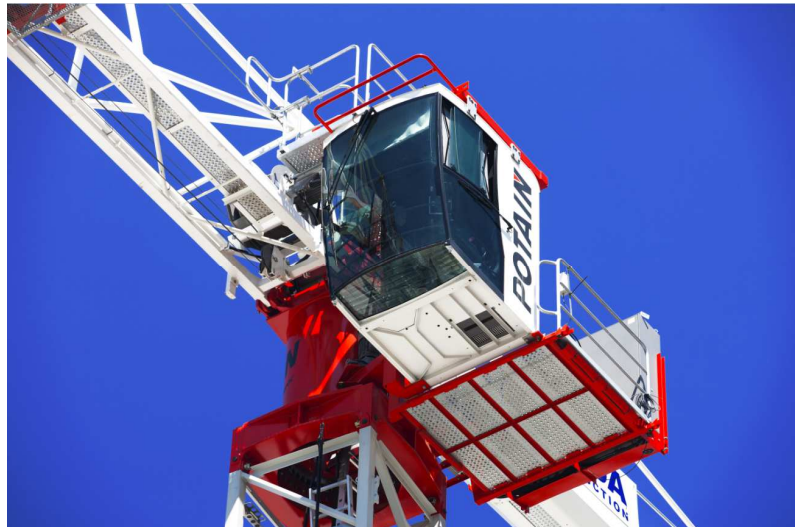


Quick Reference Catalog

Tower parts

V2. 11/2020



Your contact information
Manitowoc Crane Care

A large, empty rounded rectangular box with a dark gray border, intended for contact information.

Summary

Why choose the genuine part?

Consumables

▪ Greases	10
▪ Grease pump	14
▪ Automatic grease nipples	16
▪ Motorized lubrication	18
▪ Oils	20
▪ Paints	22
▪ Various consumables	26
▪ Set of fixing angles for L mast	28
▪ Set of fixing angles for K mast	30

Safety

▪ Slewing ring fixing bolts	36
▪ Hydraulic tensioner	38
▪ Slewing ring seal kit	40
▪ Support plate screw jacks protection	42
▪ Daytime and night Hazard lighting	44
▪ Operating camera	48
▪ Anemometer	50
▪ Giant Vision display	52
▪ MC 602	54
▪ Cab indicators	56
▪ Cab-IN: interior crane driver lifting	58
▪ TCL+: exterior crane-driver lifting	59
▪ Antirotation assembly	60
▪ Double cable pulling grip	62
▪ Jib lifting beam	64
▪ Technical instructions	66
▪ Thorough examination	68

Summary

Options

- Support plates 72
- Cab heating 74
- Tirax 76
- Remote Controls 78
- Batteries and chargers for remote controls 80
- Crane Control System Options (CCS) 82
- CCS Tool Kit 83
- Walkie-Talkie 84

Why choose the genuine part?

Control - Manufacturer warranty



Only the manufacturer has an overall view of the product and, by means of its technical proficiency, it guarantees total compatibility. Generic aftermarket parts meet just a few basic criteria and can modify the characteristics of the machine.

Fixing angle



Control panel



Mast section



Small gain, big risk!

Why choose the genuine part?

Advantages of the genuine part:

- Safety,
- Manufacturer warranty,
- Service life,
- Cost control,
- Traceability,
- Quality technical support.

Risks of the adaptable part:

- Modification of the crane characteristics,
- Safety problems with serious risks to people and equipment,
- Premature wear of other components,
- Increased maintenance costs and equipment downtime,
- Cancellation of the manufacturer's warranty,
- Annulation de la garantie constructeur,
- No appeal possible against the manufacturer.

Notes

Consumables



Greases




Greases selected specifically by Manitowoc, respecting the precise specifications defined for each use.




Greases

Standard quality for slewing ring bearings G2 type:

<i>E-01032-51*</i>	Cartridge 400 g	H-01032-54	
	Screw Cartridge 400 g	84066032	
	Can 5 kg	G-01032-53	

High-quality for slewing ring bearings GM type**:

<i>T-61032-74*</i>	Cartridge 400 g	J-61032-65	
	Screw Cartridge 400 g	84066033	
	Can 20 kg	U-61032-75	


Aerosol for slewing ring gears and teeth P type**:

<i>P-01032-60*</i>	Aerosol 400 ml	S-01032-63	
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Specially selected for fish joints by pins ATD type**:

<i>N-61032-23*</i>	Can 1 kg	T-61032-05	
	Can 5 kg	84066107	

Specially selected for topping up grease in reducer gear S00 type :

<i>H-12032-52*</i>	Tube 250 g	82016145	
	Can 5 kg	J-12032-53	
	Can 50 kg	K-12032-54	

Specially selected for topping up grease in reducer gear G0 type :

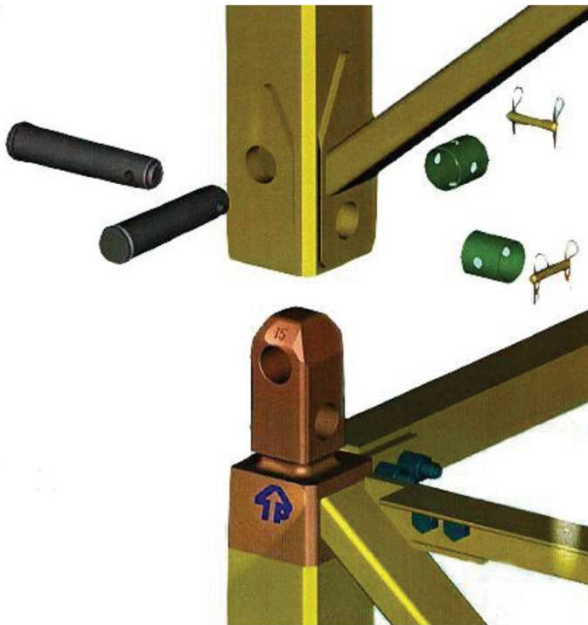
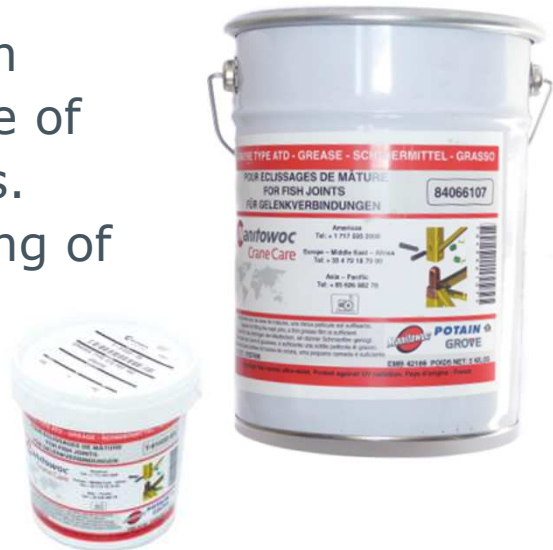
<i>K-12032-08*</i>	Can 1 kg	L-12032-32	
	Can 18 kg	P-12032-12	

*Material code not sold

**Essential in the inspection vehicles!

ATD Grease* for fish joints

Grease, specially designed in order to increase the lifetime of the mast assembling by pins. Making fitting and dismantling of the pins easier.




Very strong adhesive force on the metallic surfaces, ensuring long conservation of the protecting and lubricating film.

Excellent thermal stability : can be used from -25°C to + 50°C and can be stored from -40°C to + 60°

ATD Grease* for fish joints

Specially selected for fish joints by pins:

ATD type	Can 1 kg	T-61032-05	
ATD type	Can 5 kg	84066107	

* To be used at each assembly

Grease pump*

Easy to use, convenient and efficient, this pump will be essential to make your greasing operation every day!



This greasing system is easy and clean,
No hands contact with the grease,
Optimal ergonomics thanks to the magnetic support,
Compatible with traditional or screw cartridges

* Essential in the inspection vehicles!

Grease pump*

Kit content:

1 Pump, 1 Adapter for screw cartridges,
10 Sealing lids for traditional cartridges,
1 User guide

84066027

Consumables:

Traditional cartridge:

G2 type 400 g

H-01032-54



GM type 400 g

J-61032-65



Adapter Box of 24 pieces

84066028

Screw cartridge:

G2 type 400 g

84066032



GM type 400 g

84066033



Sealing lids

84066029

* Essential in the inspection vehicles!

Automatic grease nipples

Installed instead of grease nipples, it will extend the lifetime of your slewing rings ensuring an efficient greasing by releasing accurate and regular quantities with a specially selected grease.



Automatic grease nipples

For range GME and GMA.

Complete Grease Cartridge*:

Including refill with batteries

J-01458-97

Refills* with batteries:

120 cm³ (3 months) Sold per 4

Q-62505-40

250 cm³ (6 months) Sold per 4

H-62505-56

Reinforced connection:

Refill 250 cm³

K-01458-98

Reducing adapters:

M 8*125

W-75375-57

M 10*100

Q-75375-51

M 10*150

V-75375-56

Elbow fitting

V-75375-56

For range GME only.

Grease cartridge electrochemical:

125 cm³ delivered without batteries

84031284

For old GMA (HD / GTMR).

Retrofit kit:

Automatic grease cartridge J-01458-97
and reducing adapters are not included

N-51458-02

* Essential in the inspection vehicles!

Motorized lubrication

This system allows the lubrication of the bearing race and the teeth of your slewing ring with only one grease type.



Motorized lubrication

Ring lubrication kits: (4 grease cartridges are included in each kit)

Kit 4 Internal Greasing Points	K-21995-45
Kit 6 Internal Greasing Points	L-21995-46
Kit 8 Internal Greasing Points	M-21995-47
Kit 12 Internal Greasing Points	A-21995-59

Grease gun:

N-64435-77

Grease cartridge:

GM type cartridge 400 g	J-61032-65	
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Tooth lubrication kits:

Kit pinion M10	S-21995-52
Kit pinion M12	U-21995-54
Kit pinion M16	V-21995-55

CSS cranes

Power-supply option	84004522
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Oils

Quality oils, respecting precise specifications, selected for a maximum lifetime of your equipment.



All our oils are not miscible with other brands.

Hydraulic oil for telescoping hydraulic units:

E Standard Type
*E-12032-26**

Can 5 litres

84108903



Can 25 litres

G-12032-28

F Type (Extreme weather conditions)
*B-01032-48**

Can 5 litres

84108902

Can 25 litres

D-01032-50



Can also be used for braking devices

Hydraulic oil for hydraulic units Hup, IGO, HD cranes:

I Type
*P-61032-47**

Can 5 litres

84108904


Can 25 litres

Q-61032-48




Oils


Oil for reduction gears – RCS Type:

<i>Q-12032-13*</i>	Can 5 l.	W-61032-77	
	Can 25 l.	S-12032-15	


Oil for reduction gears – HR Type:

<i>H-61032-87*</i>	Can 5 l.	84055632	
	Can 25 l.	84108905	


Oil for reduction gears – HRA Type:

<i>Q-61032-94*</i>	Can 5 l.	84055662	
	Can 25 l.	84108906	

Oil for reduction gears - RSC Type:

<i>S-61032-96*</i>	Can 5 l.	84055634	
	Can 25 l.	T-61032-97	

Oil for reduction gears – RSY Type

<i>C-61032-36*</i>	Can 5 l.	84055633	
	Can 25 l.	M-61032-91	

Oil for reduction gears construction hoist

TCL	Can 5 l.	84055313
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** Material code not sold*

Paints



Products of quality selected for
a longer lifetime of your cranes.

Paints

Primer:

Primer beige aerosol	400 ml	82021847
Primer	Can 23,7 Kg	84062805
Primer hardener	Can 3,7 kg	84062806

Solvent:

Paint thinner X400	Can 5 l	F-11034-99
Thinner primer	Can 25 l	B-68034-24
Lacquer thinner PU/THES	Can 25 l	84077707

Hardener for polyurethane lacquer PU/THES :

Can 5 kg	84012719
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Yellow paint SPU FIN THES:

For cranes supplied after 1992	Can 13,5 kg	84061724
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Red paint SPU FIN THES:

Can 13,5 kg	84061724
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Paint for daytime hazard lighting:

Red	Can 13,5 kg	84061399
White	Can 13,5 kg	84061397

* Essential in the inspection vehicles!

Paints

POTAIN grey lacquer*:

Aerosol	400 ml	Z-67034-18
GL: for cranes supplied after 1992	Can 25 kg	W-67034-16
PU/THES: for cranes supplied after 2000	Can 13,5 kg	84061420

POTAIN galvanised lacquer*:

Aerosol	500 ml	82013254
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POTAIN sand lacquer GL / SP:

For cranes prior to 1992	Can 25 kg	F-01034-82
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POTAIN yellow lacquer 92*:

Aerosol	400 ml	82028322
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White lacquer:

Aerosol	150 ml	E-11034-98
Polyurethane lacquer	Can 13,5 kg	84061397

Blue lacquer:

Aérosol	400 ml	82001191
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* Essential in the inspection vehicles!

Notes

Various consumables



Products selected by Manitowoc Crane Care for usual and regular maintenance of your equipment.



Various consumables

Lubricant ropes*:

LC Type	Aerosol 400 ml	P-61032-70
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Anti-seize compound*:

	Aerosol 400 ml	K-01035-78
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anti-seize agent*:

	Aerosol 400 ml	E-01035-27
--	----------------	-------------------

Anti-seize paste copper:

	Tube 200 gr	L-15031-98
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Anaerobic fixation:

	Bottle 75 ml	R-12035-36
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Cyanoacrylate adhesive*:

	Bottle 20 gr	H-12035-05
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Repair kit glass bonding:

	Tube 412 gr	82020617
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Mastic adhesive:

D8	Roll 6 m	V-02031-32
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Insulating adhesive tape*:

	Set 10 insulating adhesive tapes	B-61031-43
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* Essential in the inspection vehicles!

Set of fixing angles for L mast

Discover our full range of sets of fixing angles for L mast, with or without pin!



You have pins in stock
and you want to reuse them?

Order only a set of bare fixing angles
and economize the price of pins!

Set of fixing angles for L mast

P12B :

<i>B-77109-81</i> *	Fixing angles without pins	84063457
	Kit pins + shafts **	84063462

P12C :

<i>Z-30110-90</i> *	Fixing angles without pins	84063458
	Kit pins + shafts **	84063463

P12D / P16A :

<i>P-75110-31</i> *	Fixing angles without pins	84063459
	Kit pins + shafts **	84063463

P12E / P20A :

<i>A-22101-39</i> *	Fixing angles without pins	84063460
	Kit pins + shafts **	84063464

P12ER / P16E / P21A :

<i>N-82662-81</i> *	Fixing angles without pins	84063461
	Kit pins + shafts **	84063464

P20A/ P21A SP :

<i>Q-23101-11</i> *	Fixing angles without pins	84107953
	Kit pins + shafts **	84107954

* Please note, the old equipped code can no longer be ordered anymore!

** Kit containing 8 pins + 4 shafts + 4 safety-pins

Set of fixing angles for K mast

For more flexible management of your equipment, we propose equipped fixing angles in the form of a kit.



1 kit of 4 unequipped fixing angles



1 fishplate kit



1 pin kit

Set of fixing angles for K mast

P41A :

U-61109-57*	Unequipped fixing angles set	W-61109-59
	Fishplate kit	84070143
	Pin kit	84070146

P41A Tirax :

V-61109-58*	Unequipped fixing angles set	W-61109-59
	Fishplate kit	84070143
	Pin kit	84070147

P61B :

82031776*	Unequipped fixing angles set	82031909
	Fishplate kit	84070144
	Pin kit	84070148

P61B Tirax :

82031775*	Unequipped fixing angles set	82031909
	Fishplate kit	84070144
	Pin kit	84070149

P62B :

82028042*	Unequipped fixing angles set	82028835
	Fishplate kit	84070144
	Pin kit	84070150

P62B Tirax :

82028041*	Unequipped fixing angles set	82028835
	Fishplate kit	84070144
	Pin kit	84070151

* Please note, the old equipped code can no longer be ordered anymore!

Set of fixing angles for K mast

P800B :

82019608*	Unequipped fixing angles set	82025958
	Fishplate kit	84070144
	Pin kit	84070152

P800B Tirax :

82019609*	Unequipped fixing angles set	82025958
	Fishplate kit	84070144
	Pin kit	84070153

P850A :

H-20680-29*	Unequipped fixing angles set	82014499
	Fishplate kit	84070145
	Pin kit	84070154

P850A Tirax :

B-18680-61*	Unequipped fixing angles set	82014499
	Fishplate kit	84070145
	Pin kit	84070155

P854A :

84071645*	Unequipped fixing angles set	84071651
	Fishplate kit	84070145
	Pin kit	84070154

P854A Tirax :

84071646*	Unequipped fixing angles set	84071651
	Fishplate kit	84070145
	Pin kit	84070155

Notes



Notes

Safety



Slewing ring fixing bolts



Choose bolts specially selected,
adapted to your crane with a
traceable serial number stamped
on the bolt head.



Slewing ring fixing bolts

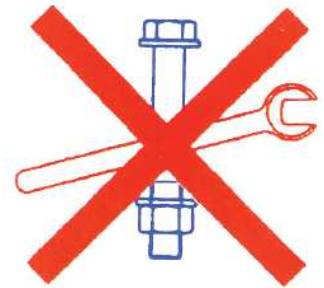
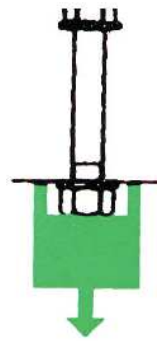
Let regularly check or change your bolts for slewing ring

Follow the manufacturer's recommendations:

- * Verification of the tightening of the slewing ring bolts every year, following the instructions in **Chapter 65E "Slewing ring fixing bolts"** or **paragraph "Slewing ring fixing bolts"** of your catalog that comes with the crane.
- * Systematic preventive exchange of the slewing ring bolts **untreated** every 8 years or after 16000 hours of operation of the machine.
- * Systematic preventive exchange of the slewing ring bolts **treated** every 12 years or after 24000 hours of operation of the machine.
- * Systematic exchange of the slewing ring bolts by change of the slewing ring of the crane, unless specific instructions from Manitowoc.

Hydraulic tensioner for slewing ring bolts

Hydraulic tensioner is essential tool for tightening hydraulic tension bolts on slewing ring.



Hydraulic tensioner for slewing ring bolts

Manitowoc offers two different types of tensioners for M20 to M27 bolts with a single high-pressure hand pump.

Tensioners:

For bolts	M20, M22 and M24	82017093
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For bolts	M27	82017094
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High pressure hand pump*:

U-64435-37

Hydraulic oil LHM300*:

Can 5 l.

84062679



* Two-stage high pressure (150MPa), equipped with oil pressure gauge rapid connector, self-closing-high pressure hose length 3m.

To use this material, please refer to the maintenance section of your crane manual which defines precisely the general rules for tightening your slewing ring bolts.

Slewing ring seal kit

This slewing ring seal kit is for use with GMA-GME cranes of the Potain brand.



You order the entire assembly and only replace those items used. You therefore always have everything you need for your operations.

Slewing ring seal kit

Protection of the bearing tracks and maintenance of grease in the travel path.

Slewing ring seal kit:

84034143

Composed slewing ring seals*:

Z-61031-41
V-61031-15
Q-61031-79
Q-61031-56
G-15031-02

Cyanoacrylate adhesive**:

Bottle 20 gr

H-12035-05

lidded box:

84034044

* seals with lengths of 2 x 7 meters.

** 2 bottles

Support plate screw jacks protection

The protection bellows preserves the screw thread from dust and concrete. Compatible with chassis ZC4230, ZD4230, ZD463 et ZX6830.



The protection bellows:

84058203

The setting of support plates remains easy even after several construction sites usages.
The assembly is possible on a crane in operation.

Notes

Daytime and night Hazard lighting for tower cranes

The LED night hazard lighting medium intensity is dedicated for a day and nighttime, the secure power of which is integrated in an external stainless steel enclosure.



In accordance with ICAO medium intensity type A and B, FAA L864/L865 flashing lights.

Daytime hazard lighting for tower cranes

Characteristics:

This hazard lighting included:

- 1 flashead bi-color (6 projectors red 2000 Cd / white 20000 Cd), aluminium body,
- 1 power control panel with batteries,
- 6 m cable,
- Automatic day/night switch with photocell,
- Easy installation and maintenance.

Connecting cable between hazard lighting and control panel (additional cable)

Daytime hazard lighting:

84017772

GMA, GMR and GTMR cranes:

Order 40 m cable*

84036587

***For longer lengths, please get in touch with your usual contact.**

Night hazard lighting for tower cranes

The hazard lighting allows — thanks to the proposed light range — to meet the requirements of the ICAO and the FAA for a daytime, night or mixed hazard lighting.



The approval of the system by the local authority of commercial aviation is under the supervision of the customer.

Night hazard lighting for tower cranes

Characteristics:

- Box: system of protection IP55
- Dimensions: 415 X 600 X 300 mm
- 2 batteries 12 V 90 Ah

Night Hazard lighting:

Complete set is composed: **82018326**

- 3 red, low-intensity obstruction lights of type A,
- 3 inox light supports,
- 1 complete control panel with batteries of at least 100 hours discharge time,
- 200 m cable.

The various light types*:

Continuous red light of low luminous intensity:

- Type A 10 Cd IP 66 **82018334**
- Type B 35 Cd IP 66 **82019122**

***Other lights can be proposed on request.**

Control panel with batteries:

82018329

Supply voltage: 110V to 400V compatible 50 à 60Hz,
Light output voltage: 24V DC,
Possible discharge time of 15 (type B light) to 100 hours (type A light) in continuous operation.

Light support:

Sold alone: **82018336**

Operating camera



Driving assistance: Work safely, while improving the productivity!

Optimal view allowing to not depend only on instructions transmitted orally.



Accurate vision of the load position, of the hook and the unloading area.

Reliable radio link with perfect picture in real time.

Operating camera

For distributing cranes:

Camera kit

84060746

Package containing camera, batteries, radio link and accessories, LED screen 12" and auto-contact pack.

Optional solar panel:

Mounted on the trolley together with the battery pack: automatic power supply of the camera without any manual intervention.

J-85985-58

For luffing jib cranes:

Camera kit

84060747

Package containing camera, feed, cable link and tilting support, LED screen 12".

Dialog Wind Anemometer

Compulsory in order to warn about the risk of overturning of cranes or involuntary movement of the load in high winds, this is indispensable to safety*.



***For any request, please get in touch with your usual contact.**

Dialog Wind Anemometer

Sturdy and reliable:

- Digital system,
- Tested and certified by the CETIAT,
- Complete basic assembly including:
sensor + alarm block +
main display + cables

H-68416-10

Sensor:

J-68416-11

Cup holder set:

Z-68416-25

Indicator:

N-68416-15

Alarm block:

P-68416-16

Options:

Repeater:

Q-68416-17

Additional display box (wire link, cable 60m)

For cranes with collector, we propose a solution with radio repeater

Pack including sensor + alarm block +
main display + repeater display

F-71406-54

Giant Vision display for all brands and types of tower cranes

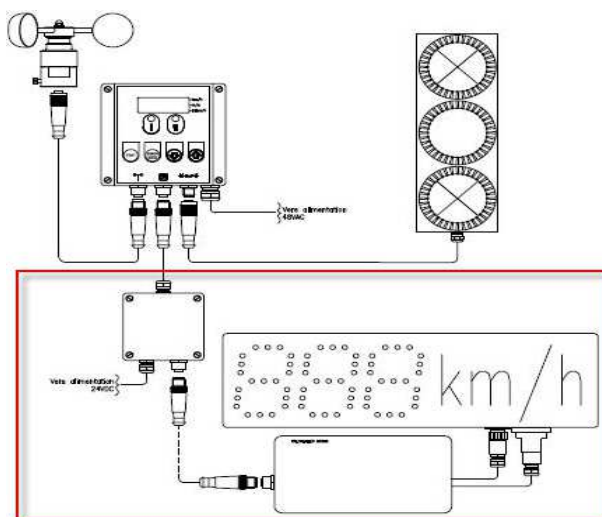
Giant Vision display indicates the wind speed on a large led screen.



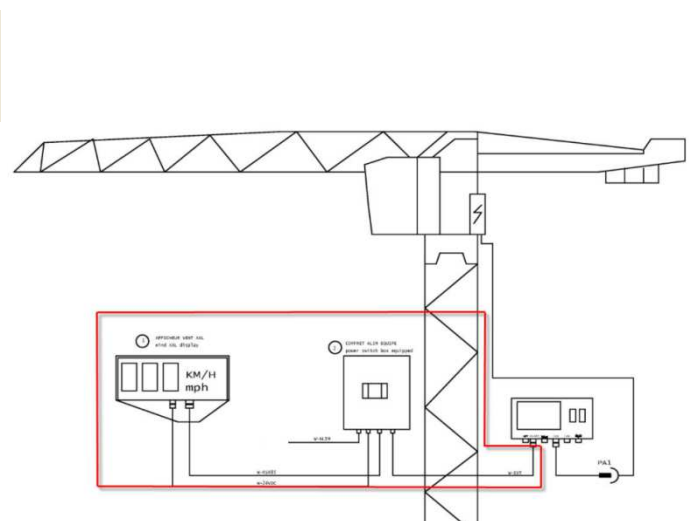
Limits the amplified danger of accidents during extreme weather conditions

Visible by all people on the site up to 50 meters, all times of day and night

Crane without CCS



CCS Crane



Giant Vision display for all brands and types of tower cranes

Crane without CCS

XXL wind display:

84002612

Complement:

**For any request, please get in touch
with your usual contact.**

CCS Crane

XXL wind display:

84042786

Switch box:

84043689

Crane foot display, software version > V1.5.5.

**For any request, please get in touch
with your usual contact.**

MR Refresh (MRXX8) crane *:

***For any request, please get in touch
with your usual contact.**

MC602 System anticollision

MC602* more user friendly, able to communicate with the previous Top Tracing I and Top Tracing II systems.

This new system allows to prevent the danger of collision between the cranes, but also to limit the crane working zone in order to avoid forbidden overslewing of buildings, aerial lines.

Display



Computer



***For any request, please get in touch with your usual contact**

Notes

Cab indicators

Make your cranes comply with the article R.233-20 of the labour code : requires the mounting of efficient and performance indicators in the cab.



Cab indicators

Cab indicator kit "Dialog Visu":

Standard assembly including display, interface block, connecting cable and rail DIN.

H-47113-50

This kit will be completed with an additional set (connecting cable, sensors...) to be defined according to the crane type, its initial composition of the existing safety devices.

For any request, please get in touch with your usual contact.

Anemometer option:

Wind

U-02670-48

Anemometer sensor, cable and support allow the reading of speed wind on cab indicator.

External signaling kit:

Wind signaling kit

P-68416-16

Adaptor connects to visu

N-63522-90

Option repeater on crane foot:

Repeater kit wind

Q-68416-17

Supply

U-68416-21

Bloc can visu

Q-72406-21

New interior crane-driver lifting equipment



New interior crane-driver lifting equipment for Potain mast sections, compatible with all K mast sections (1,6 m, 2 m et 2,45 m) with new and old access.

Option to retrofit the existing mast sections to change these into Cab-IN mast sections: contact us.

- Installation of the crane-driver lifting equipment is carried out at the same time as the crane and alongside the access ladders
- No extra transport and storage costs as the Cab-IN stays permanently in the masts.

Optimal management of the mast section fleet, compatible with:

- All current mast section bases (fixing angles, chassis and cross-shaped bases).

Potain Cab-IN
crane-driver lifting equipment
complete visibility

Arrival/departure platform

Potain K masts

Access ladders
with back loops



- Arrival/departure platforms enclosure.
- Upper and lower sensors on the lift cab for safety when in use.
- 360° visibility from the crane-driver lifting equipment interior for inspecting the mast sections.
- Drive unit maintenance from the inside of the crane-driver lifting equipment.

Tower Crane Lift (TCL+) : the motorized external construction hoist ergonomic



The new model TCL+ is developed and distributed for your all Potain tower cranes.

Fits all K mast sections on tower cranes (for other masts or mixed masts, please contact us).

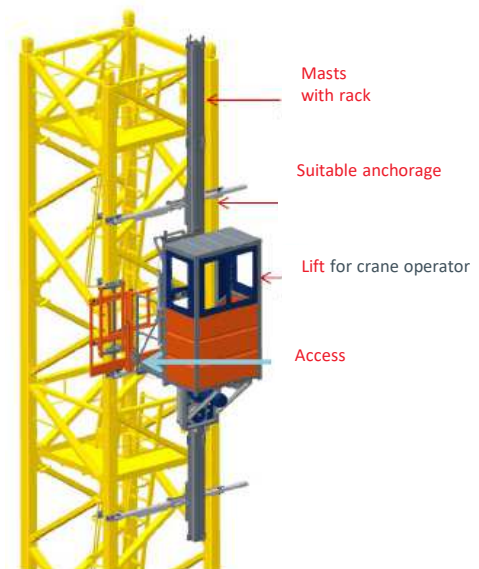
Reversible cab (opening door left or right)

In compliance with applicable standards and recommendations*

Easily adaptable equipment for reduced fitting time:

- Fitted on the exterior of the mast section, using the crane or independently with an optional derrick. No modification of the mast sections is required.
- Lightweight and adaptable anchorage parts, identical for all mast sections. Large gap between anchorages, for reduced fitting time.
- Fast connection of the galvanized rack mast sections using captive screws.
- A retrofit kit is also available for the classic TCL.
- Compliant with the crane lift standard EN 81-43.

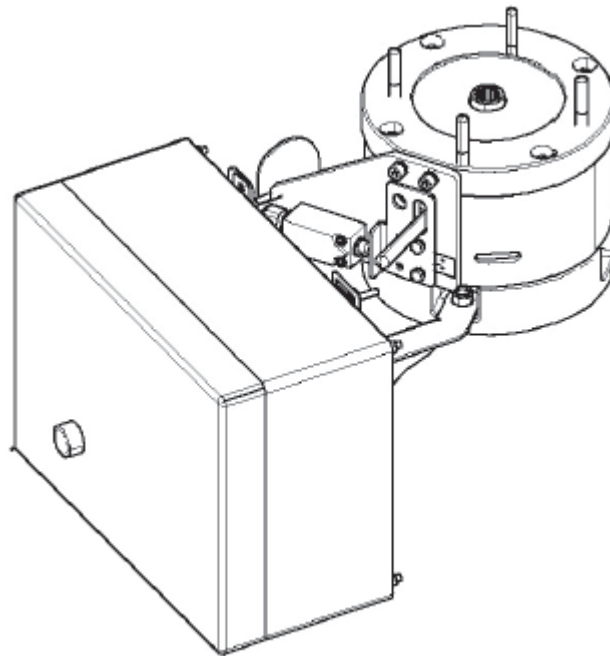
• In France: in accordance with recommendation R.495. From January 1, 2019, motorized access is mandatory if the crane cab requires an ascent of more than 30 m.



Antirootation Assembly

This system is an additional brake mounted between the gearbox and the slewing motor.

It aims to limit the “autogiration” or “uncontrolled spinning” of the slewing part of the crane when left in weathervane and is exposed to abnormal wind effects on site.



The device is set up specifically for each configuration of crane and at each site. At each dismantling of the crane, it is compulsory to disable the system or remove it.

The adjustment values are defined by the technical support of Manitowoc Crane Care.

Antirotation Assembly

The antirotation assembly is composed of « antirotation » Mechanism, electrical panel, electrical panel bracket.

Antirotation assembly:

For flanges 200 mm (SL1)

82007096

For flanges 250 mm (LP2)

82007097

Double cable pulling grip with swivel*

Reinforce safety when changing cables.

These new generation cable pulling grips with central swivel are ideal for safewire rope replacement.

They meet the obligations of European regulations, in particular the "Machinery" Directive 2006/42/EC.



*Usable for cables with no ends.

Double cable pulling grip with swivel*

Rope diameter:

8/10	84063553
10/15	84051421
15/20	84051422
20/25	84063554
25/30	84063564
30/35	84063565

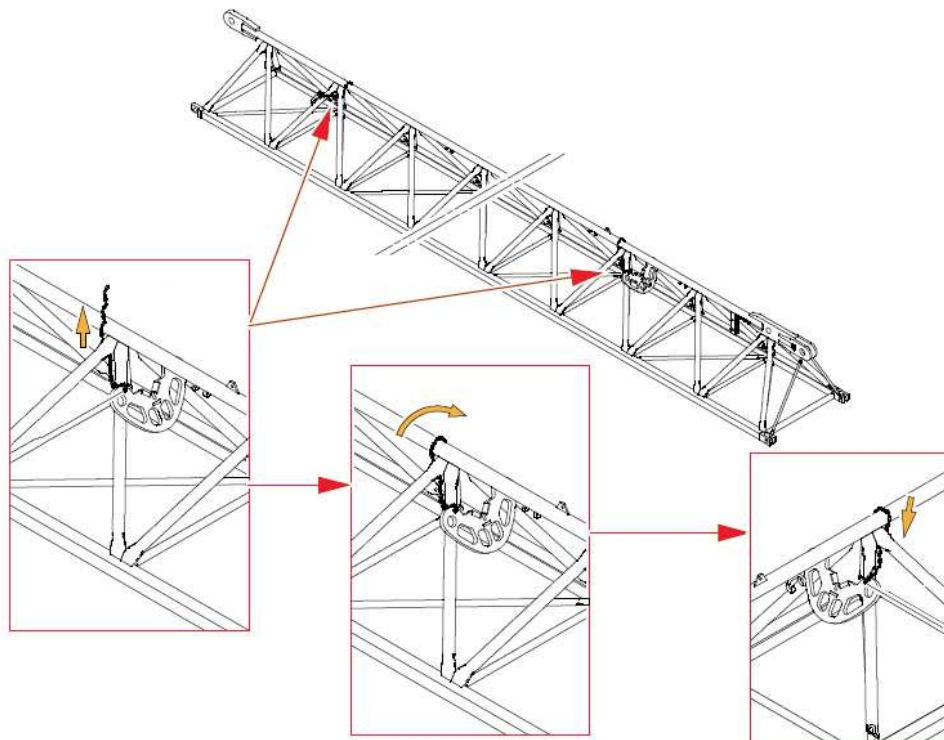
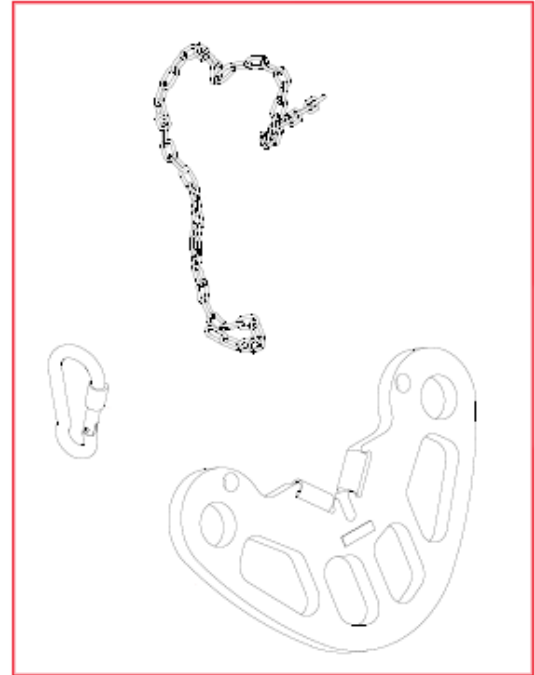
*Usable for cables with no ends.

Jib lifting beam

Reinforce safety on your site by using a lifting beam.

Handling and shifting crane elements are delicate exercises which can cause accidents.

In order to minimize the danger and to improve safety on your site, Manitowoc proposes a jib lifting beam.



Jib lifting beam

Jib lifting beam:

For round bar of 40 mm to 170 mm.
Max. load per lifting beam: 17500 daN.
Weight per lifting beam: 30 kg.

84003496

Advantages:

Secures the slinging operation, especially for double tie bar lines. The beam separates the chains allowing room for the tie bars to lift without catching the chains.

Technical instructions

Systematically supplied with the new cranes, they are carried out in perfect accordance with the crane composition.

They also can be supplied on request.



"The company manager must put at the disposal of qualified persons which are in charge of the inspections, tests and proofs to be carried out, the required documents such as the manufacturer's instructions, conformity declaration or certificate, the reports of the previous inspections and the maintenance log-book of the machines".

Extract of the decree of March 1st, 2004 (J.O. N°77 of March 31, 2004, page 6189, text N°25) Article 3,b.

Technical instructions

Cranes manufactured after 1992:

For GMA cranes **C-62985-29**

For GME cranes **E-62985-31**

Cranes manufactured in 1992 or prior to 1992:

For GMA cranes **D-62985-30**

For GME cranes **F-62985-32**

The complete sets of manuals in form of a USB stick:

For cranes manufactured after 1992 **84070396**

Neutral maintenance booklet for tower cranes:

Neutral maintenance booklet **V-85985-92**

Thorough examination

The objective of thorough examination is avoid a crane accident. We classify the risk in 4 areas :

1. Collapse of the crane,
2. Collapse of the load,
3. Uncontrolled movement,
4. Safety of operators (crane operators, planners, technicians).

Manitowoc owns specific stock of mechanical items dedicated to thorough maintenance examination of old tower cranes for brands Potain, BPR, Cadillon and BKT:

- * Reducer,
- * Drum,
- * Motor,
- * Brake,
- * Transmission / Gearbox.

The thorough examination of tower cranes is defined
by law on 3 March 2004
concerning thorough examination of tower cranes

- * This technical maintenance can be perform
by our Manitowoc technicians

Notes

Notes

Options



Support plates

Made from composite material, light and strong, They are a better substitute for wooden plates which are usually used for wedging cranes or other mobile cranes.



Support plates exist in rectangular models, round and planks.



Support plates

Rectangular models – Set of 4 plates:

1000*750*50 mm	38 kg/plate	Z-82985-60
1000*1200*60 mm	72 kg/plate	W-82985-58
1000*1200*80 mm	96 kg/plate	D-83985-22

Square models – Set of 4 plates:

600*600*40 mm	15 kg/plate	V-82985-57
600*600*60 mm	21,5 kg/plate	X-86985-98
600*600*80 mm	28,5 kg/plate	J-86985-39
750*750*50 mm	28 kg/plate	F-83985-93
800*800*40 mm	25,5 kg/plate	E-86985-12
800*800*50 mm	32 kg/plate	C-86985-56
800*800*60 mm	38 kg/plate	Z-86985-76
1000*1000*50 mm	50 kg/plate	N-87985-24
1400*1400*100 mm	200 kg/plate	82029208

Square model – Set of 2 plates:

400*400*50 mm	8 kg/plate	S-86985-70
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Round models - Set of 4 plates:

Ø 700 - 50 mm	19 kg/plate	82008919
Ø 800 - 50 mm	25 kg/plate	82003476
Ø 900 - 40 mm	25 kg/plate	A-86985-54
Ø 900 - 60 mm	38 kg/plate	B-86985-55
Ø 1000 - 80 mm	62 kg/plate	W-85985-24
Ø 1200 - 60 mm	68 kg/plate	82003475
Ø 1200 - 80 mm	95 kg/plate	03142474

Planks– Set of 4 plates:

1200*330*80 mm	32 kg/plate	B-84985-24
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Cab heating

A quality heating device,
specially selected for crane cabs.

Cab heating:

Power : 2000 W
Size : 253*253*164 mm
Weight : 5.5 kg
Low noise level : 50 dB
Ventilation function for the summer
Room thermostat control

Q-15418-19



Notes

Tirax 80

Tirax is a tool, which allows to insert and to extract mast pins* (1,6 m, 2 m or 2,45 m) without effort, in safety and near silent.



* Requires use of special pins equipped with gripping heads

Tirax 80

Complete tirax:

Tool consisting of a hydraulic cylinder of traction with gripping jaws.

D-44384-51

Supplied by portable hydraulic unit connected by sleeved hoses.

Remote controls

Especially adapted to your cranes, either recent or old ones and taking into account the features of each of the mechanisms.



Remote controls

Tell us the model and serial number of your crane, and we will indicate the part number and price of the remote control which suits.

4 remote-control ranges are proposed:

PRB1:

For small cranes (and overhead travelling cranes)

PRC:

For ranges GMA: HDT and GTMR

PRS or PRM:

For ranges GME: MD, MDT and MR

V3 and CCS:

For ranges GME: MD and MDT

Composition kit remote-control:

- 1 transmitter (PRB, PRC, PRM or PRS),
- 1 receiver (connector included),
- 1 charger,
- 2 batteries.

Batteries and chargers for remote controls



D



C

We offer 3 types of batteries and chargers for remote controls depending of your crane generation.



A



B

Batteries and chargers for remote controls

Charger 110 / 220 V P8:

Voltage 9,6 V

D

F-63418-87

Battery 9,6 V / 1,2 Ah:

150*60*20 mm

A

D-63418-85

Charger 110 / 220 V / 300 MAh:

Voltage 9,6 V

C

A-63418-59

Battery 9,6 V / 0,6 Ah:

60*60*20 mm

B

Z-63418-58

Charger 110 / 220 V:

Voltage 3,6 V

C

N-63418-94

Battery 3,6 V / 2,75 Ah:

50*60*20 mm

B

84086052

CCS options



Top site

84028029

Software Version > 1.5r7.
Software upgrade possible*



TT3

Defined according to your crane*

Software Version > 1.5r7.
Software upgrade possible*



CraneSTAR
84038397 Diag

Remote control



84010450

Recorder
84028031

***For any request, please get in touch
with your usual contact**

Crane Control System tool kit (CCS)

Cranes equipped of Crane Control System (CCS) technology require specific tools to realize maintenance.

CCS tool kit:

This backpack, practical and ergonomic, included all essential tooling troubleshooting CCS cranes (20 toolings, accessories, connections kit, contacts ...)

84054165



All the elements contained in this kit*
are also available for sale separately:



*For further information on the content of this kit (tool details, references, use...), Please refer to 'CCS Tools Catalogue' (included on tool kit or available upon request)

Walkie-talkie



For a true communication between crane driver and slinger, our walkie-talkies offer guarantee of optimum productivity.

This model was selected by our own after sales service that uses it regularly in its interventions on cranes.

Our kit is included:

- 2 transmitters - receivers
- 2 rechargeable batteries NiMH
- 1 dual charger (2 USB micro connexions)
- 2 belt clips.

Kit walkie-talkie:

Power 500 mW, allows to communicate up to 10 km distance, 18h battery life.

82005259



Notes

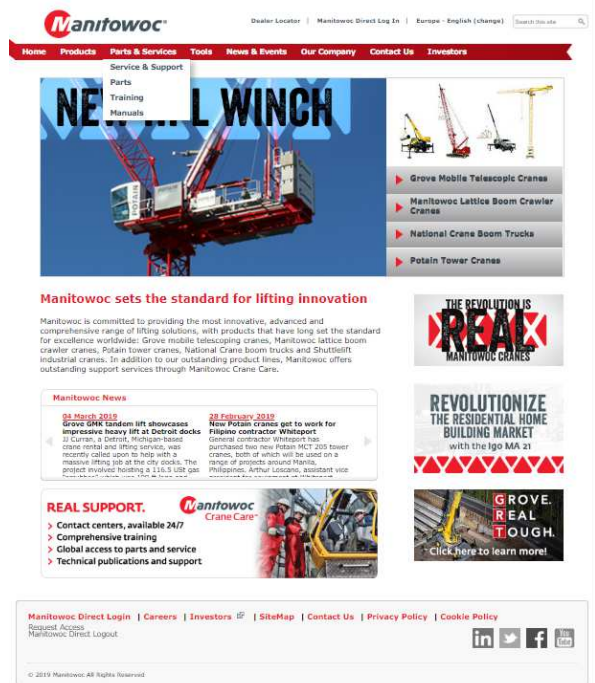
Notes

Documentation and giveaways on line

Manitowoc Direct is the ultimate resource center for all the sales and marketing information you'll need for your Manitowoc Cranes.

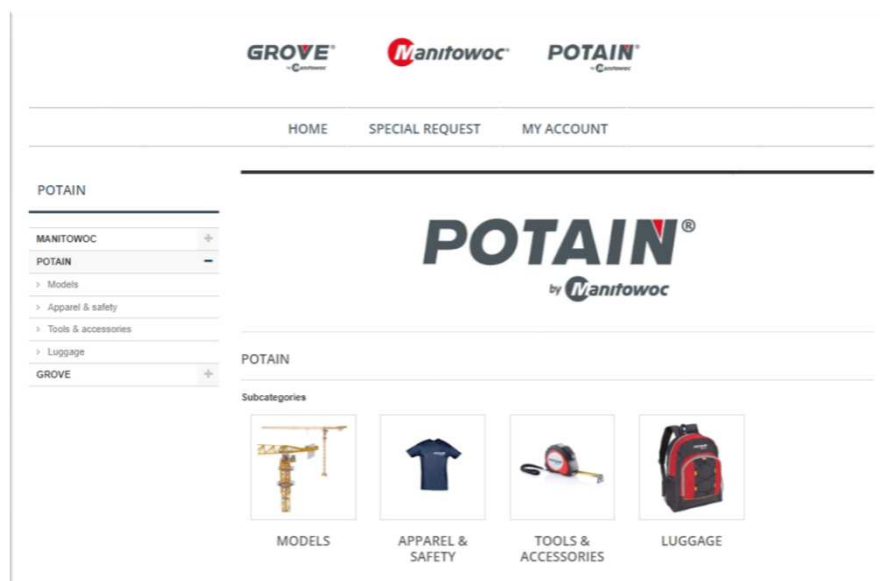
Website:

<https://www.manitowoccranes.com/en-GB>



You can find our giveaways also on our website:

<http://www.manitowoc-shop.eu>



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