POTAIN®

ONE STOP SHOP

Quick Reference Catalogue

Tower parts





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POTAIN AT A GLANCE

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POTAIN


Jain in front of his workshop, 1928


RECORD crane from 1933


Rion-Antirion bridge, 1998


Igo range, 2001


Vladivostok bridge, Russia, 2010

1928
Opening of the **Potain manufacturing workshop** in La Clayette

1932
INNOVATION
New machine, the RECORD I crane

1954
INNOVATION
Telescoping cage

1959
New **manufacturing** facility in **Moulins** is acquired

1961
10000th CRANE

1970
Potain **training** program starts

1972
INNOVATION
Topkit cranes launch

1980
INNOVATION
Launch of the **City Crane** range

1990
INNOVATION
First **MR** luffing jib crane

1994
INNOVATION
Launch of **variable frequency** technology

1995
Potain factory in China opens

2001
INNOVATION
Integration into The **Manitowoc Company** and launch of the **Igo** range

2005
100000th CRANE

2015
INNOVATION
Launch of the Crane Control System (**CCS**) and **CraneSTAR Diag**

2016
INNOVATION
Launch of the **Hup** range of self-erecting cranes

LAUNCH
of the Potain company and its first innovations

ACCELERATED GROWTH
based on innovation and services

TO CONQUER
the world

NEW ERA
in a global group dedicated to cranes

1929
INNOVATION
L'indecrochable patent


L'indecrochable, 1929

1951
INNOVATION
Firt top slewing crane: **RECORD 6**

1955
New **manufacturing** plant opens in **Chartieu**
After-Sales service unit is also created


La Défense Arch, Paris, France 1985

1971
Export accelerates
Potain opens sales offices around the world

1978
INNOVATION
Launch of the **GTMR** range of self-erecting cranes

Brand presence reaches over **60 countries**

1992
INNOVATION
First **HD**: hydraulic technology used on self-erecting cranes for the first time
Creation of the **K Mast section**


Manitowoc Crane Care, 2003

1997
INNOVATION
Launch of first **HDT** self-erecting cranes

2002
Creation of the **Manitowoc Crane Care** brand of customer services

2003
INNOVATION
Launch of **MDT City Topless** range

2006
New facilities opened in Baltar, Portugal and Dubai, UAE

2007
INNOVATION
First **Igo T**

2017
INNOVATION
Launch of the **hydraulic luffing jib crane concept**

POTAIN®

History

Founded in 1928 by Faustin Potain, POTAIN is the world leader in the production of tower cranes and self-erecting cranes (over 60 types of tower crane).

Potain tower cranes, known worldwide for their hoisting capacities, reliability, and innovative designs, are divided into two product lines.

Self-erecting cranes

Agile and easy to handle, self-erecting cranes are especially suitable for residential construction sites.

The Potain offer in self-erecting cranes, the largest and most innovative on the market, provides the user with the best performance for transport, accessibility, erection, dismantling and maintenance. The offer includes ranges renowned throughout the world: Igo, Igo M, Igo T, Hup and Hup M.

Top-slewing cranes

Top-slewing cranes are the large construction sites most strategic equipment for productivity. Whether on large infrastructure, high rise jobsites, crowded urban areas or wide open sites, they make it possible to hoist and distribute loads high and far. The Potain brand is a global leader with its multiple ranges of MCT and MDT topless cranes, MR, MRH and MCH luffing jib cranes and large MC, MD and MD Maxi hammerhead cranes that can also be customized to match special applications.

While technologies integrated in the cranes continues to progress, it is important to realize the maintenances to ensure the safety of the material and the humans working with it.

Why choose the genuine part?

Expert knowledge - Manufacturer's 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.

Advantages of the genuine parts

- ✓ Safety,
- ✓ Manufacturer warranty,
- ✓ Service life,
- ✓ Traceability,
- ✓ High-quality technical support.



The risks of the adaptable part

- × Modification of the characteristics of the crane,
- × Security problems with serious human and material risks,
- × Premature wear of other components,
- × Increase in maintenance costs and immobilization of equipment,
- × Cancellation of the “Manufacturer” warranty,
- × No recourse possible against the manufacturer.





Fixing angle





Control panel





Mast section

Small gain, big risk!

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CONSUMABLES

Lubrication

Find all our lubrication solutions in a single document.



Scan or click to learn more

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Paints for maintenance

Selected, tested and adapted to the Potain cranes

Primer		
Primer beige aerosol	Spray 400 ml	**82021847**
Primer **	Can 23,7 Kg	**84062805**
Primer Glycero**	Can 1 kg	**P-65034-24**
Primer hardener	Can 3,7 kg	**84062806**
Primer Zinc	Can 1 kg	**82011766**
	Can 15 kg	**84062558**
Solvent		
Dry solvent	Spray 400 ml	**84138294**
Paint thinner X400 - Glycero	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**
Yellow paint for cranes supplied after 1992		
SPU FIN THES**	Can 13,5 kg	**84061724**
Glycero**	Can 1 kg	**K-65034-66**
Paint for daytime hazard lighting**		
Red PU/THES**	Can 13,5 kg	**84061399**
Red Glycero**	Can 1 kg	**N-65034-69**
White PU/THES**	Can 13,5 kg	**84061397**
White Glycero**	Can 1 kg	**R-65034-95**





*** Use with the appropriate hardener!*

Paints for maintenance

Selected, tested and adapted to the Potain cranes

Red paint		
SPU FIN THES**	Can 13,5 kg	**84061416**
Glycero**	Can 1 kg	**K-67034-74**
POTAIN grey lacquer *:		
Aerosol	Spray 400 ml	**Z-67034-18**
PU/THES: for cranes supplied after 2000	Can 13,5 kg	**84061420**
Glycero	Can 1 kg	**L-66034-71**
POTAIN grey lacquer *:		
Aerosol	Spray 400 ml	**84155516**
PU/THES: for cranes supplied after 2023	Can 13,5 kg	**84143923**
Glycero	Can 1 kg	**84154374**
POTAIN galvanised lacquer *:		
Matt Paint Aerosol (Old-age effect)	Spray 500 ml	**82013254**
Gloss Paint Aerosol (New-age effect)	Spray 400 ml	**84121855**
POTAIN yellow lacquer 92 * :		
Aerosol	Spray 400 ml	**82028322**
White lacquer:		
Aerosol	Spray 400 ml	**84116146**
Polyurethane lacquer	Can 13,5 kg	**84063456**
Glycero	Can 1 kg	**M-65034-68**
Blue lacquer:		
Aerosol	Spray 400 ml	**82001191**
Red lacquer:		
Aerosol	Spray 400 ml	**S-67034-35**









*** Essential in the inspection vehicles!***

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Lubricants analysis kits

Optimize your maintenance costs

Why making regular maintenances ?

To extend the reliability and service life of your cranes, Potain recommends to realize maintenances on your crane :



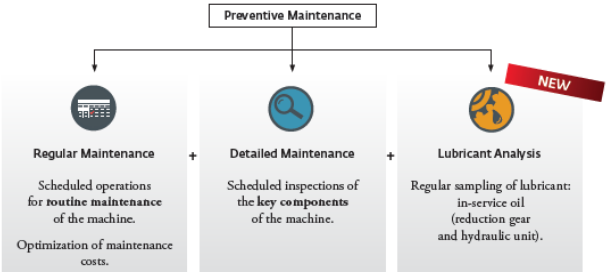
- **Preventive maintenance :** To anticipate and prevent malfunctions or broken parts. It's based on regular maintenance (routine operation) and detailed maintenance (inspection of key components),
- **Corrective maintenance :** Repairs or change some parts of the crane, arrived to its end-of-life, to ensure security and performance.

Lubricants analysis kits: to monitor lubricants quality

Scheduling preventive maintenance programs helps to keep your costs down. Potain has developed a lubricant analysis kit, in 2 version :

- Oil analysis kit : reduction gears and hydraulic units,
- Grease analysis kit : slewing rings and reduction gears.

In addition to your current preventive maintenance programs, lubricant analysis makes it possible to monitor the quality of oils and greases in service and therefore to detect the state of wear or degradation of lubricated parts.



For more information, please check our product guide 626 on our website.

Lubricants analysis kits

References

Analysis kit	
Oil analysis kit	**84052659**
Grease analysis kit	**84052660**

Grease analysis kit



Oil analysis kit



The kit includes, whatever the type,

- Sample bottle
- Hose
- 2 stickers to identify the sample and the descriptive file
- A pre-paid envelop to send the sample and the demanding file to a specialized and dedicated laboratory .

Scan or click to access online support
Or contact your usual Potain agent.

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Miscellaneous consumables

Selected, tested and adapted to the Potain cranes







Anti-seize compound		
	Spray 400 ml	**K-01035-78**
Anti-seize agent		
	Spray 400 ml	**E-01035-27**
Anti-seize paste copper		
	Tube 200 gr	**L-15031-98**
Solvent paint remover		
	Spray 650 ml	**84146706**
Anaerobic fixation for slewing ring		
	Bottle 75 ml	**R-12035-36**
Cyanoacrylate adhesive		
	Bottle 20 gr	**H-12035-05**
Rust converter		
	Can 1l	**84139193**
Anti-corrosion		
	Can 650ml	**82032659**
Brake cleaner		
	Spray 500ml	**84126744**
Repair kit glass bonding		
	Tube 412 gr	**82020617**
Mastic adhesive		
D8	Roll 6 m	**V-02031-32**
Insulating adhesive tape		





A complete range of welding equipment

Enjoy quality accessories and consumables at an attractive price!

Welding leads	
Lead G3Si 1 D 1	82030756
Lead G3Si1 D 1,2	82030757
Lead MONIVA G69 D 1.2	84118288



Welding electrodes	
Electrode D2,5 HTS	B-01043-98
Electrode D3,2 HTS	C-01043-99
Electrode D2,5 Spezial	C-01043-53
Electrode D3,2 Spezial	D-01043-54
Electrode D4 Spezial	E-01043-55

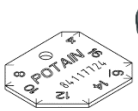


PPE			
Protection tarpauline1300° 1800 x 2000 mm			82022645
Welding mask			84145162
Gloves	Size 9	Size 10	Size 11
	84145163	84145164	84145165





Tools	
Welding bead control tooling A4 to A16	84117724
Welding bead control tooling A4 to A14 / A18	84121759
Infrared thermometer -60/500°C	84133591
Portable oven	84141132







Spray consummables	
White paint marker 3mm	84141112
Black paint marker 3 mm	84139227
Solvent spray 300 ml	J-01035-08
Penetrating spray 400ml	H-01035-07
Revealing spray400ml	K-01035-09





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Hygiene and cleaning kit for crane operators

Always a clean environment, perfect visibility, for improved working conditions.





Hygiene and cleaning kit for crane operators	
Hygiene and cleaning kit for crane operators	**84161650**

Kit components (can be ordered individually)

Kit components (can be ordered individually)	
Battery-operated hand vacuum cleaner	**84161958**
20 urine bags	**84161961**
30L backpack	**84161962**
Box of 100 tissues	**84161963**
400ml spray bottle	**84161964**
30 disinfectant wipes	**84161965**
Organic cleaning spray 750 ml	**84161966**



SAFETY

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Anticollision: Why equip your cranes ?

Increasingly complex job site configurations, tight delivery times, architectural constraints…All of these factors can put the smooth running of your job site, at risk !

Working **safely**, **minimize** unforeseen expenses and **increase productivity** are the keys to SUCCESS.

The anti-collision system meets these requirements by offering a simple and cost-effective solution:

A secure job site!

- Multiple cranes working at the same time? Overflight zones to avoid ? All these conditions create a risky work environment.
- As a machine operator, protecting people who work or gravitate around the job site is your responsibility.

Controlled costs!

- Damage caused by an accident is severe and the resulting financial losses can be considerable.
- Now update the check using a dedicated system !

Improved productivity!

- A safe environment, optimized travel speeds, controlled decelerations and stops.
- The crane driver can safely concentrate on their main tasks.

Scan or click to access to our anticollision offer
Or contact your usual Potain agent.

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Anticollision system TT3

Anticollision system

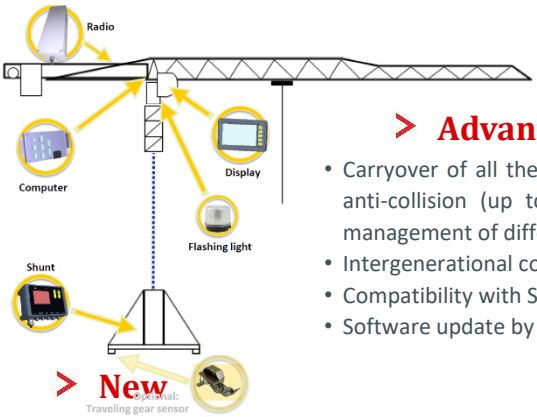
An anti-collision system*, meeting the regulations in effect, for the control of work areas and the management of interference for all types of tower cranes.

Characteristics

- Travelling sensor with several registration points (several RFID tags),
- Inter-crane management / configuration of prohibited areas,
- Hook height management in prohibited areas,
- If TT3 "shunted" in the CCS, visual indication on the screen,
- Black box (one year of memory) and possible filters:
  - Faults, sensor by sensor
  - Recording of access (identifiers / dates / access)
  - Weathervanes
  - Neutralizations



Calculator



Advantages

- Carryover of all the previous generation systems functionalities: anti-collision (up to 16 cranes), prohibited areas (up to 30), management of different radios (frequencies),
- Intergenerational compatibility of systems (including with TT1),
- Compatibility with Supervisor 603 (optional),
- Software update by USB key only.

New

- New color touch screen
- Day or night mode display setting
- Wind speed visible directly on the neutralization box.
- Possibility of neutralization:
  - Prohibited zones zone by zone,
  - Crane-by-crane interference.
- If number of cranes ≥ 16, possibility to connect another radio.
- Remote setting of systems between cranes.



Anticollision system MC602

For all brands and types of cranes

Characteristics

- New display: indicator and anti-collision (height, range, load, moment, wind speed, pre-alarm and anti-collision alarm, interference zone),
- Universal computer box for all types of cranes (models and brands),
- Translation encoder with anemometer signaling,
- Recording of events and possible failures.

Display



Key point

- Prevents the danger of collision, limits the crane working zone (Prohibited overslewing of buildings, aerial lines…),
- Driving aid system,
- Controls the interferences between cranes,
- Remote monitoring,
- Communication with the previous Top tracing I and II.

Reliability and simplicity

- Digital technology, transmission by CAN bus network,
- Processing unit protected in a tight housing - IP65,
- Crane driver information (dangerous areas),
- Calibration and adjustment protected by a password,
- Pre-wired input/output function, Harting connector,
- Optional: signal lamp in case of malfunctioning, shunt box.



Calculator

Compatibility

- MC603,
- TOP TRACING 2,
- TOP TRACING 3.

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Anticollision system MC603

Anticollision system



Advantages

- Compliant with European standards EN 14439 and EN 17076,
- Certified as PLc according to ISO13849,
- Simple installation and intuitive calibration,
- Software updated using USB drive,
- FREE software upgrades,
- Individually neutralizable prohibited zones.

Designed for which cranes ?

- System adaptable to all crane brands:
  - GME : Saddle jib and luffing jib,
  - GMA.



Calculator



Shunt box



Interface

Compatibility

- MC602,
- TOP TRACING 2,
- TOP TRACING 3.

Crane with CCS or CAN bus

- The system connects directly to the CAN bus interface of the crane.
- For other technologies, the system is connected to the crane via an interface box.

Options

- Supervisor, wireless neutralization box for collector cranes.

Scan or click to access online support
Or contact your usual Potain agent.

Supervisor for anti-collision systems

A monitoring tool for your remote job sites

Characteristics

- Compatible with all anti-collision systems distributed by Potain (up to 16 cranes),
- Graphic view of the job site in real time,
- Event recorder (visualization of sensor faults, radio, wind*, etc.),
- Data export,
- Remote connection via an IP address,
- Option: Radio connection.



Pack components

- 1 PC,
- 1screen,
- 1 connection box.



** Excluding Top Tracing II*

References

Articles	
Complete pack Supervisor	**84076986**

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anti-collision system DCS61-S

POTAIN®

AMCS technologies

The advantages

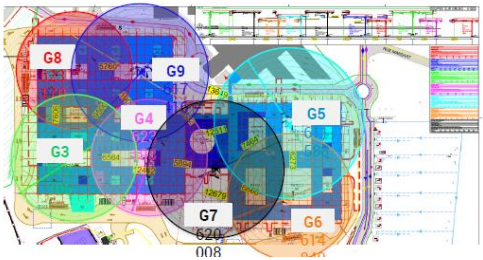
- Safety level PL D in accordance with EN 17076
- Easy installation and intuitive programming
- Compatibility with all brands of cranes and other construction equipment
- Remote Support





Optional:

ARC System (Auto Rotation Control)



Supervisor



Contact your usual contact to define the right retrofit kit for your crane.

Hoisting and trolley wire rope

High-performance ropes at competitive prices



Advantages

- Performance: lifespan increased by at least 25%*
- Versatility: compatible with all your machines (CCS or not).
- Service: Stock available and advice adapted to your applications.
- Traceability: Identification by coloring an outer strand.

** Compared to a regular range*

Hoisting wire rope range

- **PREMIUM** 24 strand compacted rope, 7 steel wires, steel metal core.
- **HIGH PERFORMER/E** 25 strand compacted rope, 7 steel wires, steel metal core.
- **HIGH PERFORMER/S** 29 strand compacted rope, 7 steel wires, steel metal core.

Trolley wire rope range

- **PREMIUM** 6 strand compacted rope, 19 steel wires, textile core.
- **HIGH PERFORMER** 9 strand compacted rope, 7 steel wires, steel metal core.



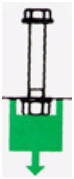
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Bolt tensioning cylinder

The safe slewing ring bolt tightening tool



The tightening of the slewing ring bolts must comply with strict rules. The use of tensioned bolts on GMEs (application in the course of 2000) requires the use of specific tightening tools.
Manitowoc offers a single tensioner for bolts from M20 to M27, a M36 tensioner and 3 hydraulic high-pressure pumps offering.

M20 to M27





M36x3



Bolt tensioning cylinder	Reference
Bolt tensioning cylinder M20 to M27	84171423
Bolt tensioning cylinder M36x3	84176092

This tool can be operated by 3 types of hydraulic high-pressure pumps, delivered with transport case and hoses:

Manual pump



Battery powered pump



230VAC pump



Hydraulic high-pressure pumps	Reference
Manual pump	84171424
Battery powered pump	84171426
230VAC pump	84171425

Aircraft warning package

More complete, more competitive!*

Advantages

- Works on all crane types: saddle jib and luffing jib,
- Autonomous operation: 48 h for night lighting / 12 h for daytime lighting,
- A single 230/400V dual-voltage control panel for all types of lights (LI/MI for night and MI for daytime),
- Low power consumption (LED technology),
- IP66 ingress protection.

Standard package

Total crane

	Night	Day
H < 45 m	**Low intensity** ▪ Overmoulded single-piece unit, 3 x 32 Cd LED. ▪ Connection with moulded cable, no risk of corrosion. ▪ Control box with integral photoelectric cell. 	**Medium intensity** ▪ 1 medium intensity light with 6 bi-colour LED floodlights: ▪ Day: white 20,000 Cd (type A), ▪ Night: red 2,000 Cd (types B and C). ▪ Integral GPS module for day/night switching 
45m < H < 150 m	**Medium intensity** ▪ 1 medium intensity light with 2,000 Cd. ▪ Adjustable flash rate: ▪ Type B: 20 to 60 flashes per min, ▪ Type C: light permanently on. ▪ Integral GPS module for day/night switching. 	
H > 150 m	**High intensity light: contact us for details.**	

All our systems are provided with an emergency control panel and the supports, cables and accessories needed for installation. The supply voltage is 48 V DC.

For any other requests, contact us. We will give you a custom quotation.

**Our aircraft warning lights comply with the requirements of the OACI and the FAA. Approval of the system by the local civil aviation authority remains the responsibility of the customer.*

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Slewing ring bolts

Check or regularly change your bolts

Follow the manufacturer recommendations



- **Every year :** Verification of the tightening of the slewing ring bolts, following the instructions of the service guide provided with the crane.
- **Every 8 years or 16 000 hours working hours:** Systematic pre-ventive exchange of the slewing ring bolts untreated (black's) every 8 years or after 16000 hours of operation of the machine, 1st term reached.
- **Every 12 years or 24 000 hours working hours:** Systematic preven-tive exchange of the slewing ring bolts treated (grey's) every 12 years or after 24000 hours of operation of the machine, 1st term reached.

- **Systematic exchange** of the slewing ring bolts by change of the slewing ring of the crane, unless specific instructions from Potain.

Characteristics

- Specially selected and adapted to your crane,
- Define according to specific standards that meet,
- Precise specifications imposed to all our suppliers,
- Traceability for all bolts.



In addition, we offer a rust protector for HR slewing bolts.



Protector for HR bolt	
Spray 650ml	82032659
Anaerobic fixation for slewing ring	
Bottle 75ml	R-12035-36

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Slewing ring seal kit

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



Advantages

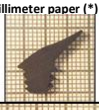
- You order the entire assembly and only replace those items used,
- Compact, all-in-the box,
- You always have everything you need for your operations.

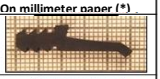
Characteristics

- The kit includes 5 airtight seals with lengths of 2 x 7 meters:
  - Z-61031-41
  - V-61031-15
  - Q-61031-79
  - Q-61031-56
  - G-15031-02
  - 2 x 20 g bottles of Cyanolite
  - H-12035-05 glue
  - 1 lidded box 84034044

Selecting a profile

To determine which seal profile you need for your slewing ring, please consult the table below

Reference	Profile	On millimeter paper (*)
Z-61031-41		
V-61031-15		
Q-61031-79		

Reference	Profile	On millimeter paper (*)
Q-61031-56		
J-15031-04		
G-15031-02		
H-15031-03		

References

Kit of 5 airtight seals	
Complete kit 5 seals	**84034143**
Included box with lid	***84034044***
Included : Cyanolite glue bottle	***H-12035-05***

- Kitc 08 22 EN

Protechtor

ProTECHtor™ improves after-sales technician safety during maintenance activities

Find out more : vídeo

Instructions

With ProTECHtor™, the technician has the power to :

- Prohibit all movement.
- Authorize remote movements at slow (CCS) or full speed, within the set limits.
- Stop all movement using an emergency stop.

Composition of ProTECHtor™ :

- Control unit
- Cover for protecting
- Receiver
- Indicator light
- Connection cable





A pre-equipment package is also available. Part of the wiring harness stays permanently installed on the crane, making it easier for the technician

ProTECHtor™ kit	
ProTECHtor™ Kit	**Consult us**
Pre-equipment	**Consult us**

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Safety pack for crane technicians

Because safety is our prority number ONE!

Potain is thrilled to announce our latest partnership with GRIPPS®, a global leader in engineered drop prevention solutions and tool tethering equipment. *Potain is now an official distributor of GRIPPS® industry-leading safety equipment. Customers can now access GRIPPS® premier safety equipment through Potain's extensive distribution network.*

Discover our new safety pack:





Equipment for technicians	
Safety pack Gripps (without backpack)	**84159673**
Backpack	**84159672**

Each element of this kit can be ordered separately.

References	Description	Picture
84159656	GRIPPLOCK CABLE 3MM|X 120MM SET OF 10	
84159657	SWIVEL CATCH - 2.5KG|SET OF 10	
84159658	TOOL CATCH 12X55MM|SET OF 10	
84159659	TOOL CATCH - 25MM|X 90MM SET OF 10	
84159660	V-GRIPP TAPE	
84159661	TOOL RING - 19MM|SET OF 10	
84159662	TOOL RING - 25MM|SET OF 10	
84159663	TOOL RING - 38MM|SET OF 10	
84159664	LITTLE GRIPPER KIT	
84159665	DUAL-ARM TOOL HITCH|16KG	
84159666	TOOL HITCH - 16KG	
84159667	ADJUSTABLE WRISTBAND|TOOL TETHER - 2.5KG	
84159668	BUNGEE TETHER|CARABINER - 7KG	
84159669	LOCKJAW RIGGERS BAG|5KG	
84159670	TOOL GRAPPLE 2KG	
84159671	CABLE RETRACTOR UNIT|STEEL - 0.7KG	







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Complementary products

References	Description	Picture
84162259	SCREWLOCK CABLE | D3X120MM - 10 PACK	
84162260	SCREWLOCK CABLE | D3X150MM - 10 PACK	
84162261	SCREWLOCK CABLE | D4x200MM - 10 PACK	
84162262	GRIPPLOCK CABLE | D3x150MM - 10 PACK	
84162263	TOOL CONNECTOR | AJUSTABLE PACK 5	
84162264	TOOL CONNECTOR | AJUSTABLE PACK 100	
84162265	GRIPPER FOR PHONE | WITH COIL TETHER	
84162266	FLEXILITE GLOVES | MKII - S SIZE	
84162267	FLEXILITE GLOVES | MKII - M SIZE	
84162268	FLEXILITE GLOVES | MKII - L SIZE	
84162269	FLEXILITE GLOVES | MKII - XL SIZE	
84162270	FLEXILITE GLOVES | MKII - 2XL SIZE	
84162271	FLEXILITE GLOVES | IMPACT MKII -S SIZE	
84162272	FLEXILITE GLOVES | IMPACT MKII -M SIZE	
84162273	FLEXILITE GLOVES | IMPACT MKII -L SIZE	
84162274	FLEXILITE GLOVES | IMPACT MKII -XL SIZE	
84162275	FLEXILITE GLOVES | IMPACT MKII-2XL SIZE	
84162276	ECO GLOVES | S SIZE	
84162277	ECO GLOVES | M SIZE	
84162278	ECO GLOVES | L SIZE	
84162279	ECO GLOVES | XL SIZE	
84162280	ECO GLOVES | 2XL SIZE	

References	Description	Picture
84162281	ECO GLOVES | IMPACT - XS SIZE	
84162282	ECO GLOVES | IMPACT - S SIZE	
84162283	ECO GLOVES | IMPACT - M SIZE	
84162284	ECO GLOVES | IMPACT - L SIZE	
84162285	ECO GLOVES | IMPACT - XL SIZE	
84162286	ECO GLOVES | IMPACT - 2XL SIZE	
84162287	WRIST-ANCHOR | AJUSTABLE	
84162288	WRIST-ANCHOR | AJUSTABLE 10 PACK	
84162289	BUNGEE TETHER | SWIVEL CARAB.7KG	
84162290	BUNGEE TETHER X 10 | SWIVEL CARAB. 7KG	
84162291	BUNGEE TETHER X10 | CARABINER 7KG	
84162292	BUNGEE TETHER | SINGLE-ACTION - 2,5KG	
84162293	BUNGEE TETHER X10 | SINGLE ACTION 2,5KG	
84162294	BUNGEE TETHER | CARABINER - 18KG	
84162295	WEBBING TETHER | SWIVEL15,9KG	
84162296	WEBBING TETHER | SWIVEL36,9KG	
84162297	COIL TETHER | SINGLE ACTION 0,75KG	
84162298	WEBBING | WRIST TETHER 2,5KG	
84162299	WEBBING WRIST | TETHER 2,5KG-10 PACK	
84162300	COIL TETHER | WITH CLAMP	
84162301	COIL TETHER | WITH CLAMP 10 PACK	
84162302	CARABINER | DUAL ACTION 22KN	

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References	Description	Picture
84162303	MULE BAG | 80KG CAPACITY	
84162304	BISON BAG | 45KG CAPACITY	
84162305	BULL BAG | 113KG CAPACITY	
84162306	ZIP-LOCK BAG | 30KG CAPACITY	
84162307	CLIMBERS BAG | LOCKJAW - 10KG	
84162308	SEAL KIT BAG | 20 KG CAPACITY	
84162309	BOLT-VAULT | 2,5 KG MAX	
84162310	POUCH | BOLT-SAFE 5KG MAX	
84162311	CONFORT WORK BELT | WITH BACK SUPPORT	
84162312	SYNTHETIC WORK BELT | REINFORCED - 140CM	

References	Description	Picture
84162313	ANCHOR|BELT-LOOP	
84162314	ANCHOR|BELT-LOOP - 10 PACK	
84162315	BOA HOL STER|POWER TOOL	
84162316	ADJUSTABLE HOSTERF|FOR RADIO	
84162317	FALL PROTECTION|FOR BOTTLE	
84162318	FALL PROTECTION|FOR XL BOTTLE	
84162319	FALL PROTECTION|FOR TOOL BATTERY	
84162320	GAP WRAP|DIAM 305	
84162321	GAP WRAP|DIAM 610	
84162322	GAP WRAP|DIAM 914	
84162323	FALL PROTECTION|GROUND A. GUARDRAIL	

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Textile slings

- Great versatility of use
- High resistance to moisture and contaminants, such as grease and oil
- 100% PES, single sheath, High quality polyester.
- Complies with EN 1492-2





Reference	Description	CMU (in T)	Lg (in m)
84168356	ROUND TEXTILE SLING CMU : 1T LG 1M	1	1
84175860	ROUND TEXTILE SLING CMU : 1T LG 2M	1	2
84168360	ROUND TEXTILE SLING CMU : 2T LG 1M	2	1
84168361	ROUND TEXTILE SLING CMU : 2T LG 2M	2	2
84168362	ROUND TEXTILE SLING CMU : 2T LG 3M	2	3
84175842	ROUND TEXTILE SLING CMU : 2T LG 4M	2	4
84168363	ROUND TEXTILE SLING CMU : 3T LG 1M	3	1
84177702	ROUND TEXTILE SLING CMU : 3T LG 1,5M	3	1,5
84168364	ROUND TEXTILE SLING CMU : 3T LG 2M	3	2
84168365	ROUND TEXTILE SLING CMU : 3T LG 3M	3	3
84175843	ROUND TEXTILE SLING CMU : 3T LG 4M	3	4
84175844	ROUND TEXTILE SLING CMU : 3T LG 6M	3	6
84168366	ROUND TEXTILE SLING CMU : 4T LG 1M	4	1
84175845	ROUND TEXTILE SLING CMU : 4T LG 2M	4	2
84175846	ROUND TEXTILE SLING CMU : 4T LG 4M	4	4
84168367	ROUND TEXTILE SLING CMU : 4T LG 5M	4	5
84175848	ROUND TEXTILE SLING CMU : 4T LG 6M	4	6

Reference	Description	CMU (in T)	Lg (in m)
84168368	ROUND TEXTILE SLING CMU : 5T LG 1M	5	1
84168369	ROUND TEXTILE SLING CMU : 5T LG 2M	5	2
84168370	ROUND TEXTILE SLING CMU : 5T LG 5M	5	5
84168371	ROUND TEXTILE SLING CMU : 5T LG 8M	5	8
84168372	ROUND TEXTILE SLING CMU : 8T LG 2M	8	2
84168373	ROUND TEXTILE SLING CMU : 8T LG 8M	8	8

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Counterweight safety net

To protect your construction sites from falling concrete elements



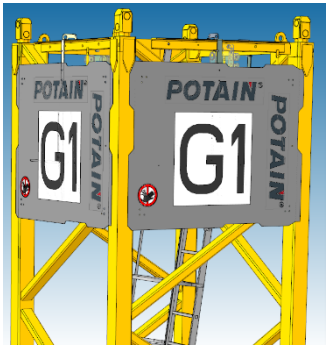
Reference	
Net 6x6	C-91985-36
Net 8x8	84171545

Anti-intrusion kits

Protect your cranes from vandalism and intrusion

- Lightweight panels, quick installation
- Steel hatches and padlocks with Anti-drilling lock
- Compatible with Cab-In
- Can be used as a plate carrier crane marker





1 complete kit consists of the anti-intrusion kit, a hatch of your choice and the padlock.

Anti-intrusion kit	Reference
K400-K600	84166263
K800	84177346
K850	84179712
Access hatches	**Reference**
K400	84129191
K400 Cab-In	84170477
K600	84129940
K600 Cab-In	84170472
K800	84129971
K850	84129992
K800-K850 Cab-In	84177386
Padlock	**Reference**
Padlock	84166706

For installation conditions, please refer to the instructions or contact us.

K400-K600



97G-0000-304

K800-K850



97G-0000-343

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STRUCTURE

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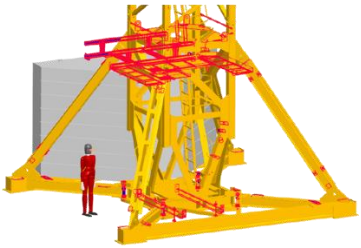
Upgrade chassis

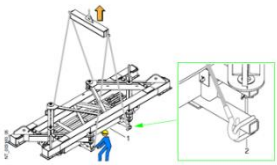
Improve safety and ergonomy !

POTAIN, in cooperation with the Fédération Nationale des Travaux Publics (French National Federation of Public Works), has worked on improving safety and ergonomics when unloading the packages and fitting the V60A chassis for 2 m masts.

> Main improvements

- Handling: Creation of slinging points and guide handles,
- Packaging of struts + half-bearers allow safe unloading with less handling and more space on the job site.
- Basic mast section: Creation of a fixed, central catwalk and two foldable side catwalks to facilitate the pin-connection of the struts, platforms with four angles facilitating the pin-connection of the mast section, and tubes used as a guard rope for harnesses,
- Pins from the top: Improved accessibility for mast section/half-bearer pin connections,
- Two beams allowing the basic mast section to be stabilized in a vertical position on a ballast block.





References

Chassis kit	
S41A – Kit upgrade	**84010255**
V60A– Kit upgrade	**84000349**
V63A– Kit upgrade	**84005134**

Scan or click to access online support

Or contact your usual Potain agent.

- Kchb 08 22 EN

Support plates

Secure stability, preserved ground : a new, more economical offer!

- Ensure crane stability and preserve vulnerable grounds
- Unbreakable, rot-proof, for a longer service life
- Withstand extreme conditions, easy to clean
- Recycled and recyclable





Set of 4 Tower Crane plates*	Capacity (T)	Weight (Kg)	Reference
750 x 1000 x 50 mm	32	37,5	Z-82985-60
1000 x 1200 x 60 mm	50	72	W-82985-58
1000 x 250 x 80 mm	20**	20	84176326
600 x 600 x 40 mm	20	14	V-82985-57
1400 x 1400 x 100 mm	110	196	82029208

** Load capacity depending on how the beams are mounted (recommended: crossed in a pyramid pattern)

For machine assignment, refer to technical support :

Set of 4 mobile crane plates*	Capacity (T)	Weight (Kg)	Reference
1000 x 1200 x 80 mm	70	96	D-83985-22
D800 x 50 mm	28	25	82003476
D1000 x 50 mm	40	39	84176327
D1200 x 80 mm	70	90	03142474
D900 x 60 mm	45	38	B-86985-55



** If the ground pressure is less than 2.5 daN/cm², contact your usual contact*

Stackable wedges

New wedges that are easy to set up and stackable, to wedge all your equipment on construction sites as well as on your yards. 190daN/cm².

Stackable wedges	Reference
Single, lug-free 238 x 288 x 53 mm	84176328
Double, with lug 238 x 478 x 53 mm	84176329



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Driving Plates

Protect and improve your site access!





For protection of vulnerable grounds or access to unstable grounds
Robust, rot-proof and flexible
Quick and easy installation

Max load capacity	40 T	80T
Dimensions (mm)	2400 x 1200 x 15	2400 x 1200 x 12/21
Weight (kg)	38	36
Matter	Recycled HDPE	
Operating Range (°C)	-100 to +80	

Driving Plates	References
40T max (1 smooth side, 1 non-slip side)	84172065
80T max (2 non-slip sides)	84172066

Optional connectors:





Connectors	References
U-shaped	84172067
2 plates	84172068
4 plates	84172069

Load performance depends on ground conditions as well as the weight and type of vehicle or installation.

Screw jacks protection

The support plate protection preserves the screw thread from dust and concrete.

Characteristics

- The setting of support plates remains easy even after several construction sites usages.
- The assembly is possible on a crane in operation.
- Compatible with chassis
  - ZC4230
  - ZD4230
  - ZD463
  - ZX6830





References

Screw jacks protection	
Set of 4 protections (for one chassis)	**84058203**

Scan or click to access online support
Or contact your usual Potain agent.

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Double rope pulling grip with swivel

Make your rope changes safer

These new generation cable pulling grips with central swivel are ideal for **safe** wire ropes replacement. Usable for ropes without termination and with diameters greater than 8 mm.

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





References

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

Scan or click to access online support

Or contact your usual Potain agent.

K mast fixing angle sets

Ensure the safety with genuine components

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

Characteristics

The kit is composed of:

- 1 kit of 4 unequipped fixing angles
- 1 fishplate kit
- 1 pin kit





Please find a summary table for our offer below:

Old equipped fixing angle sets*	Commercial name	Unequipped fixing angle set	Fishplate kit	Pin kit	Pin version
~~84138885~~ ~~84138888~~	P24A/P42A	84138886	84070143	84149076	Standard
				84149077	Tirax
~~U-61109-57~~ ~~V-61109-58~~	P41A	W-61109-59	84070143	84070146	Standard
				84070147	Tirax
~~82031776~~ ~~82031775~~	P61B	82031909	84070144	84070148	Standard
				84070149	Tirax
~~82026042~~ ~~82026041~~	P62B	82028835	84070144	84070150	Standard
				84070151	Tirax
~~82019608~~ ~~82019609~~	P800B	82025958	84070144	84070152	Standard
				84070153	Tirax
~~82019598~~ ~~H-20680-29~~	P850A	82014499	84070145	84070154	Standard
				84070155	Tirax
~~B-18680-61~~ ~~W-14106-17~~	P854A	84071651	84070145	84070154	Standard
				84070155	Tirax
~~84136912~~ ~~84136913~~	P880	84136916	84142895	84142896	Standard
				84142897	Tirax

** The former equipped Part Number cannot be ordered anymore! The fishplate kit cannot be ordered alone.*

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L mast fixing angles sets

Ensure the safety with genuine components

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



You have pins and want to reuse them?

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



You need pins?

We propose a kit containing:

- 8 pins,
- 4 shafts,
- 4 safety-pins

You want an equipped set of fixing angles ?

You can order a set of bare fixing angles **and** a pins kit.

Please find below a chart that summarizes our offer

Commercial name	Former P/N for set of fixing angles with pins*		New P/N for fixing angles without pin		New P/N for kits pins + shafts
P12B	B-77109-81	→	84063457	+	84063462
P12C	Z-30110-90	→	84063458	+	84063463
P12D / P16A	P-75110-31	→	84063459	+	84063463
P12E / P20A	A-22101-39	→	84063460	+	84063464
P12ER / P16E / P21A	N-82662-81	→	84063461	+	84063464
P20A / P21A SP	Q-23101-11	→	84107953	+	84107954

The former equipped Part Number cannot be ordered anymore !

Tirax 80

Specially designed and manufactured by Potain for pin-connection of Potain K masts, the Tirax 80 allows pins to be safely fitted and removed, silently and without effort.

Pins installed and removed in only five stages:

1. Engage the jaws on the gripping head
2. Tighten the jaws on the pin head
3. Pull the pin
4. Remove the pin
5. Open the jaws and remove the Tirax 80



Characteristics

- Portable tool consisting of a hydraulic cylinder with gripping jaws and a handle, ensuring safe transport.
- Compatible with
  - 50 mm (1.6 m mast),
  - 60 mm; (2 m mast) ,
  - 80 mm (2.45 m mast) pins.
- Portable hydraulic unit connected by sleeved hose,
- Uses special pins equipped with gripping heads.



Capacities

- Maximum traction: 21 t,
- Maximum operating pressure: 700 bar,
- Traction time per pin, 6 seconds approx.,
- Hydraulic unit supply: 400 V 50 Hz, 480 V 60 Hz,
- Hydraulic unit power: 1,5 kW.



References

Article	
Complete Tirax	84118324

- Tirc 08 22 EN
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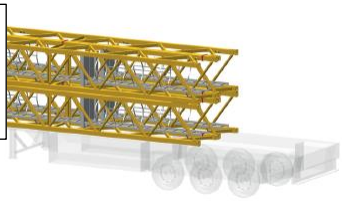
1.2m K masts

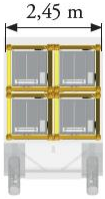
A new K mast offer 1.2m cross-section for MDT city cranes (up to MDT159) equipped with a 1.6m section towerhead, particularly suitable for installation in restricted areas.

A complete range …

10m and 5m monoblock masts section. Up to 4 masts in the same tractor-trailer train

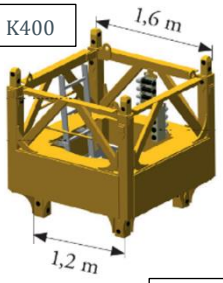
KM247A
KM249A
KM247E
KM249E





Inverted connecting mast K20/K40

K400



K200

Fixing angles

P23A/P41A



P24A/P42A

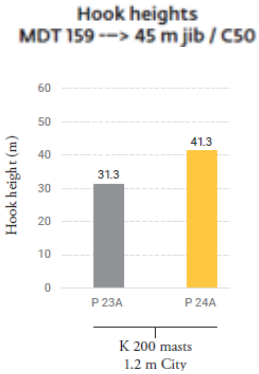


R24A/R42A



… to maximize the performance of you cranes

Example :



Mast pin secu

For confined spaces, such as elevator shafts, there is a short axis version in standard and tirax versions.

POTAIN is committed to safety!

The use of an unsuitable tools creates an injury risk.

- **Mast pin securing device (diameters 50/60/80 mm)**





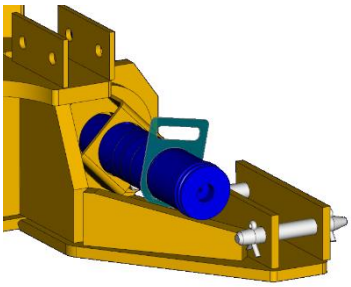


This lockable system prevents the risk of pins falling when the crane is dismantled

- **Anti-vibration pin drive**



- **Pin handle pivot**



These systems prevent the risk of crushing hands.

Other tools will soon be added to this safety equipment!

References

Equipment for fitters and technicians	
Mast pin securing device	84103688
Tool to remove pins Diameter 40	84015112
Tool to remove pins Diameter 60	84015111
Pivot pin handle Diameter 100	84181578
Pivot pin handle Diameter 110	84181579
Pivot pin handle Diameter 120	84191580

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Wedges for masts storage

Manitowoc offers you lightweight, rot-proof wedges to optimize and secure your masts in the yard.





The elastic band holds the wedge in place during mast handling.

The height of the wedge guarantees sufficient space to prevent hand injuries.

Made from recycled plastic, it's a safe alternative to wooden wedge.









References

Masts wedges	
Mast wedge K 1.6m	**84155242**
Mast wedge K 2m	**84155222**
Floor wedge K 1.6m and 2m	**84155584**

Building anchorage solutions

From design to supply!

We offer you a complete solution for the realization of your building anchorages.

- We carry out a complete and thorough study.
- We provide modular, reusable frames and beams designed based on the findings of the study







Contact your usual correspondents.

If you require more information, please contact your usual correspondent or contact us via e-mail address :
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PERIPHERICAL PRODUCTS

Vision cabins POTAIN*

The original manufacturer cheaper than the adaptable!



Cabin V140C



Cabin V140L



Cabin V140 SX

Major advantages

- **Original part: Safety, quality, durability**... It fully meets our requirements and allows optimal operation of your machine!
- **Manufacturer's warranty**: Guaranteed machine warranty, technical support, service and parts availability for a minimum of 10 years ... Work with peace of mind!
- **Cabin conforms to the EC standard**: **Security, electrification, and glazing**.

Why take risks when safety is within reach?

Offer the best for your crane at a competitive price!

**Different models available according to your crane type.*

Scan or click to access online support
Or contact your usual Potain agent.

If you require more information, please contact your usual correspondent or contact us via e-mail address :
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Retrofit kit for Cab Visor

for non-equipped Ultra View cabs

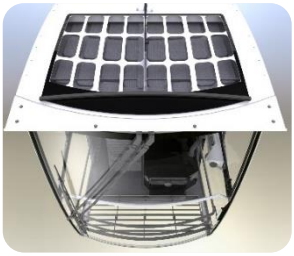
The kit contains all the elements necessary for installation as well as an installation manual of a visor on the cab. It is not fitted for Ultra View cabs, already equipped with visor.

Characteristics

- Optimization of water flow
- Better visibility in rainy weather
- Durability (painted stainless steel visor)
- Easy installation
- Aesthetic: fits perfectly with the cab design







Degressive net price from 10 kits ordered !

References

Article	
Cab Visor kit	**84119773**

Scan or click to access online support

Or contact your usual Potain agent .

- Visb 08 22 EN

Cab heating

Winter is coming….

Has your crane driver already complained about the poor condition of his cab heating? Don't wait for the breakdown and anticipate the request by installing a quality heating device right now !

Characteristics

- Specially selected for the crane cabs.
- Size : 253 x 253 x 164 mm.
- Weight : 5,5 kg.
- Low noise level: 50dB.
- Power: 2000 W.
- With ventilation function for the summer.
- Tridirectional heating.
- Robust metal housing.





3 position button

1. Ventilation (summer),
2. Heating and regulated ventilation,
3. Stop.



Room thermostat control

References

Heater	
Cab heater	**Q-15418-19**

Scan or click to access online support
Or contact your usual Potain agent.

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Dialog Wind Anemometer

Prevent the overturning of your cranes !

Mandatory for the prevention of the risk of overturning of cranes under the effect of the wind, it is an essential safety element. Entirely digital, Dialog Wind is reliable and robust, and is certified by CETIAT.



Sensor

- Non-oxidizing tight bearings,
- Electronic card protected by double varnishing,
- Polyurethane cables with compound-filled connector link.

Indicator

- Adjusting of the alarm and prealarm thresholds by means of access code,
- Fixing by «non-slip» magnets,
- 4 button keypad with signal lamps + buzzer,
- Button for testing the correct working order,
- Choice of speed unit: km/h, m/s or miles/h
- Internal buzzer and display for fault signalling and identification.



Alarm block



- Adjustable luminous alarm frequency (5 W lamps),
- Programmable alarm bell (110 dB siren at 1 m),
- Fixing by «non-slip» magnets,
- Protecting by roller bar

Options

- Repeater: Additional display box (wire link, cable 60m)
- Radio repeater : For cranes with collector, we propose a solution with radio repeater, pack including: sensor + alarm block + main display + repeater display,
- Giant Vision display : see our SPN« Giant display XXL ».

Dialog Wind Anemometer

References

Complete pack configured without Collector	
Sensor + alarm block + main display + cables	H-68416-10
Sensor (alone)	J-68416-11
Cup holder set (alone)	Z-68416-25
Display (alone)	N-68416-15
Alarm block (alone)	P-68416-16

Complete pack – Crane configured with Collector	
Sensor + alarm block + main display + repeater display	F-71406-54

Options	
Repeater: Additional display box (wire link, cable 60m)	Q-68416-17

Scan or click to access online support
Or contact your usual Potain agent .

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- Anel 06 22 EN

Giant display XXL

For all types of cranes

The Giant display XXL indicates the wind speed on a large LED screen

Characteristics



- Display composed of 3 digits of 7 segments of big size (100 mm height) + unit label
- Tightness : IP 65.
- Mains supply : 24VDC (19-36v).
- Temperature : -20 à +70°C.

Advantages

- Compatible with Potain Dialog Wind and any system using: 4-20 mA, 0-5 V and frequency anemometer sensor,
- Visible by all people on the site up to 50 meters,
- Limits the amplified danger of accidents during extreme weather conditions,
- Complying with European standards,
- Quality material, shock-proof and resistant to vibrations,
- No maintenance.

References

Not CCS Crane	
Giant display XXL	**84002612**
CCS Crane	
Giant display XXL	**84042786**
Power box	**84043689**
Bottom crane display	**Contact us**
MR Refresh Cranes (MRxx8)	
Giant display XXL	**Contact us**

Scan or click to access online support “Anemometer” associated :
Or contact your usual Potain agent

Construction site lighting

Improve the safety of your construction sites with a new range of projectors!

GME:

Projector sold alone or as a complete solution (including wiring and brackets).

Projector:

- Configuration : On mast or/and on jib
- Supply voltage: 100-277 Vac
- Power: 300W
- Luminous intensity: 48000 Lumens
- Protection : IP65
- Lifespan: 54000 hours

As a complete solution:

- Supply voltage: 230 V - 400 V (optional)
- Switch: Single or back and forth
- Connection: All components are equipped with waterproof sockets, allowing quick and easy assembly and disassembly





References	
Projector only	**84159995**
Complete solution	**Contact us**

GMA:

2 types of projectors are available, in 75W and 150W.

If you require more information, please contact your usual correspondent or contact us via e-mail address : europetower.parts@manitowoc.com – Non-contractual document, reproduction prohibited

Projectors sold alone or as a complete solution (including compatible wiring and brackets for a working mode and transport mode without disassembly).

75W



Supply voltage	100-240V
Power	75 W
Luminous flux	8500 lm
Weight	3.2 kg
IP Index	IP66
Lifespan	50000 h
Colour	4000 K
Angle	60°

150W



Supply voltage	100-240V
Power	150W
Luminous flux	16000 lm
Weight	4.5 kg
IP Index	IP66
Lifespan	50000 h
Colour	4000 K
Angle	60°

References	
75W projector only	**84106593**
150W projector only	**84106594**
Complete solution	**Contact us**

Find our complete solutions in online technical support =>

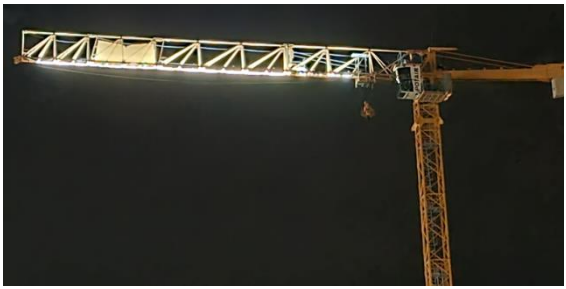
Also find our offer of luminous ribbons =>

LED strips

For crane and construction site access lighting (indoor/outdoor) or for ambient lighting.

- Power supply: 230 Vac
- LED Quantity: 120 Led / m
- Power: 9 W/m
- Luminous intensity: 900 Lumens
- Protection: IP67
- Lifespan: 30000 hours







Tapes sold in different lengths: 10m, 25m, 50m

References	
Ribbon Light 10m	84167456
Ribbon Light 25m	84162775
Ribbon light 50m	84162776
Double-sided adhesive roll 55m	84167964

Find also our construction site lighting solutions =>

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Advertising lighting

Improve the signage of your jobsites!

Designed for cranes, palisades, facilities, bungalows….



Magnetic version

- Installation without screws and without drilling,
- No impact on wind resistance,
- Light, soft, flexible, thickness < 1 mm,
- Customizable sizes.



Plate version

- Quick and easy installation (screws and nuts),
- Wind resistance conforms with the crane's notices,
- Lightweight, less than 30 Kg,
- From 2,86 m² to 5m² customizable, for an installation on the counter-jib, depending on your crane type and your needs.

Tarpaulin version

- Light, soft, flexible,
- Customizable sizes,
- Fastening to all supports thanks to its rings.
- Use only on solid walls, not on crane masts



Advantages

- Light emitting technology: Power supply via 230V DC enclosure equipped with a programmable clock,
- 100% Made in France and 100% Customizable,
- Low power consumption: 3x less than LED technology,
- In compliance with the French standards on light pollution,
- 20,000-hour lifespan,
- Temperature range: - 30° to + 45 ° C.

Driving Camera

Improve the safety on your jobsite

3 years warranted !

➢ Trolley tower crane kit



- Low consumption, power supply with solar pannel only
- 22x optical zoom, autofocus, wireless zoom pedal
- Display 10'' or 13'
- Operating temperature: -30°C to + 65°C
- Simple and quick assembly, no additional loading device
- Insensitive to the wind and shocks and vibrations resistant.







➢ Luffing jib tower crane

- Display 10 or 13''
- 85m of cable
- Electric tilt system: perfect image stability



➢ Monitoring camera option

Monitoring of hoisting cable or counter-jib access
Automatic night mode swith. 90° or 120° angle





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➢ Compact recorder



• Recording time of 21 days on 256GB micro-SD card (supplied) with possibility of expansion with a second SD card
• Paramétrage depuis l'écran de la caméra
• Optimized image quality
• Mechanical SD card lock

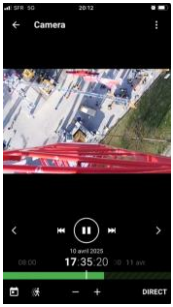
➢ Alternative recorder



• 7 days recording duration on 128GB micro-SD (supplied)
• preset to work with the camera

➢ Streamer*

• Record and view remotely, in real or delayed time, on smartphone, tablet or PC



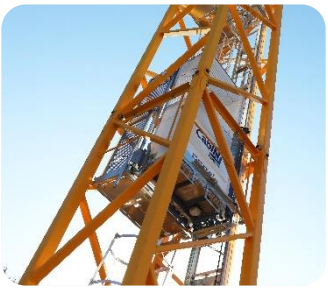


* Sim card not supplied

Driving camera kits and options		
	10 " display	13" display
Trolley tower crane kit (MD Crane)	84128766	84129678
Luffing jib tower crane kit (MR Crane)	84128781	84129679
Monitoring camera option (MD 90°)	84156395 + 84156396 + 84156397 + 84156811	
Monitoring camera option (MD 120°)	84156395 + 84165907 + 84156397 + 84156811	
Monitoring camera option (MR 90°)	84165908 + 84156811 + 84156396 + 84156397	
Monitoring camera option (MR 120°)	84165908 + 84156811 + 84165907 + 84156397	
Compact recorder (image)	84157328	
Compact recorder (image and sound)	84166710	
Alternative recorder	84136944	
Streamer	84164212	

CAB 'In

Internal crane-driver lifting equipment



The internal crane-driver lifting equipment for Potain mast sections is compatible with all K mast sections.

Characteristics

- Mast sections prefitted at the factory,
- Hoisting speed up to 24 m/min,
- Load capacity: 200 kg/ 2 person,
- Development in collaboration with the company GEDA,
- Option to retrofit the existing mast sections: contact us.

Advantages

- Installation carried out at the same time as the crane and alongside the access ladders,
- No extra transport and storage costs,
- Optimal management of the mast section fleet, compatible with:
  - All K mast sections (1.6 m, 2 m and 2.45 m) with new and old access.
  - All current mast section bases (fixing angles, chassis and cross-shaped bases).

Safety

- 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
- Optional : Kit for acceptance of commissioning and periodic inspection.

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.

- Cablc 06 22 EN

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External crane operator 2PK

The 2PK crane operator hoist fits on all your Potain tower cranes.

- Load capacity: 200Kg / 2 people
- Lifting height: 60 / 80 / 120 / 150m
- Lifting speed: 25m/min
- Electrical connection: 1.5kw / 400V / 16A / 50Hz / 16A
- Cabin dimensions: 0.6 x 1.1 x 2.1m



The advantages

- Flexible and lightweight supports
- Quick mast assembly
- Cable drum integrated into the base unit

A system that has been tried and tested for more than 20 years worldwide!







Contact your usual contact to define the right retrofit kit for your crane.

CCS Tool kit

References

CCS Tool kit			
Complete CCS Tool kit (all articles under included)	**84054165**		
Backpack (w/o tools)	**84054154**	Peack CAN cable	**84016291**
Crimping tool harting	**84053003**	Connection cable	**84018979**
Extraction tool	**84024379**	Diagnostic cable	**84010624**
Insertion tool	**84053004**	Female contact harting	**84006891**
Crimping tool SCM/CCT	**84053005**	Male contact harting	**84006917**
Crimping die	**84053008**	Socket CCS Display	**03142169**
Extraction tool AMP MT	**04157406**	Contact CCS Display	**80003367**
Extraction tool AMP JPT	**04157382**	AMP JPT Contact 0,5 - 1,0	**03142253**
Screwdriver	**84053011**	AMP MT Contact 1,0 - 2,5	**03142436**
End	**84053012**	AMP JPT Contact 1,0 - 2,5	**03142435**
Tightening tool	**84062863**	USB Stick	**84058247**

Scan or click to access online support
Or contact your usual Potain agent.

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CCS Tool kit

Cranes equipped of CCS technology require specific tools to realize maintenance.

To ensure you to have all the needed tools with you to realize the operation, we propose you a specific adapted backpack. Ergonomic and practical, it includes all essential tooling troubleshooting CCS cranes.

- Backpack - 1 PC
- Crimping tool harting - 1 PC
- Extraction tool - 1 PC
- Insertion tool - 1 PC
- Crimping tool SCM/CCT - 1 PC
- Crimping die - 1 PC
- Extraction tool AMP MT - 1 PC
- Extraction tool AMP JPT - 1 PC
- Screwdriver - 1 PC
- End - 1 PC
- Tightening tool - 1 PC
- Peack CAN cable - 1 PC
- Connection cable - 1 PC
- Diagnostic cable - 1 PC
- Female contact harting - 100 PC
- Male contact harting - 100 PC
- Socket CCS Display - 1 PC
- Contact CCS Display - 100 PC
- AMP JPT Contact 0,5 - 1,0 - 100 PC
- AMP MT Contact 1,0 - 2,5 - 100 PC
- AMP JPT Contact 1,0 - 2,5 - 100 PC
- USB Stick - 1 PC

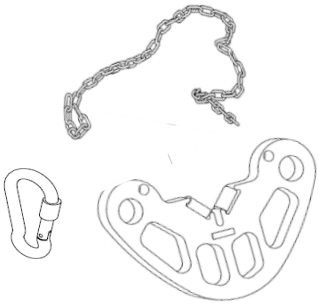


** For further information on the content of this kit (tool details, references…), please refer to 'CCS Tools Catalogue' (available upon request)*

Jib lifting beam

Reinforce safety on your site

Handling and shifting crane elements are delicate exercises which can cause accidents. To minimize the danger and to improve safety on your site, Potain proposes a jib lifting beam.



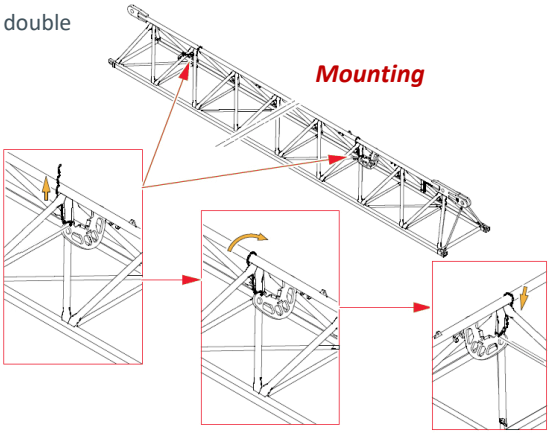
Characteristics

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

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.



References

Article	
Jib lifting beam	**84003496**

- Pald 08 22EN

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Mast pins securing devices

POTAIN is committed to safety!

- **Mast pins securing device (diameters 50/60/80 mm)**







This lockable system prevents the risk of pins falling when the crane is dismantled.

- **Anti-vibration tool to remove pins diameter 40 and 60 mm**





The use of an unsuitable axle, spindle or tool creates a safety risk.



This system prevents the risk of hand crushing and vibration when the axles are difficult to remove.

Other tools will soon be added to this safety equipments!

References

Equipment for erectors and technicians	
Mast pins securing device	84103688
Tool to remove pins diameter 40mm	84015112
Tool to remove pins diameter 60mm	84015111

If you require more information, please contact your usual correspondent or contact us via e-mail address : europetower.parts@manitowoc.com – Non-contractual document, reproduction prohibited

Remote Controls

Our remote controls are taking into account the features of each of the mechanisms of your cranes, either recent or old ones.

Characteristics

- Improve the productivity of your sites : driving from a distance,
- Better control of handling operations and better occupation of the staff,
- For optimum safety, systematic stop of movements in progres s in case of interruption or loss of the radio link.

4 Remote control ranges

Approved for every country and complying with the E.U. directives, there is different type of remote controls depending of the range :

- ***PRB 1:*** For small cranes (overhead travelling cranes).
- ***PRC:*** For range GMA (HDT and GTMR)
- ***PRS or PRM:*** For range GME (MD, MDT and MR)
- ***V3 and CCS:*** For ranges GMA and GME (Igo T, MCT and MDT)

Our remote controls can be supplied with or without indicator, at your choice.

Composition



When the controls of a crane are through use of a component not authorized by the manufacturor, responsability can not be accepted in case of damage caused "on" or "by" the crane.

Remote control accessories

CCS Transmitter protection cover



- Protection against scratches and dirt.
- Opening for battery.

Carrying harness



- More ergonomic than the classic belt.
- Reduce musculoskeletal disorders of the neck and back.
- Help to drive with more precision.
- Adjustable.
- Compatible with the following transmitters:



References

Articles	
CCS transmitter protective cover	**84129220**
Carrying Harness	**84129221**

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Jobsite communication equipment

Reliable, high-performance solutions for staying connected

Bluetooth Headphones



	Bluetooth connectivity
	Lithium Battery 200mah
USB Type-C	Recharge USB TYPE-C
	Autonomy 12H
IP 67	Protection class IP67

Clear sound, guaranteed safety:

With the innovative bone conduction technology, these headphones offer perfect communication and allow you to wear hearing protection.

Talkie-Walkie



500mW Power	10Km range	NI-MH Rechargeable NiMh Battery	Autonomy 18H

For real communication between crane operators and slingers

Durable and practical, it will fit into any business context.
Emergency call button: automatically cuts off communications in favor of the walkie-talkie that made the call.
Surveillance function: lets you hear without being heard.

Kit composition :

- 2 transmitters - receivers
- 2 rechargeable NIMH battery
- 1 dual charger with 2 USB connections

Jobsite communication equipment	
Bluetooth Headphone	84155576
Talkie-Walkie	82005259

Radio Control Batteries

Original battery 3.6V 2.75Ah

This battery meets the original manufacturer's specifications in every respect and covers the entire range of our machines equipped with a NOVA or GL transmitter using the P-63418-95 or 84043425 battery.



Alternative battery 3.6V 2.5Ah

This battery offers an economical and qualitative alternative to the original battery.



Benefit from a **reduced price** when placing a higher order quantity!

These batteries are compatible with the original N-63418-94 charger.



References	
Original battery	**84086052**
Alternative battery	**84162248**
Charger	**N-63418-94**

If you require more information, please contact your usual correspondent or contact us via e-mail address :
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Energy storage systems

Reduce your costs and CO_2 emissions!

- **Storage systems** designed to integrate with the energy source: electrical distribution network or generator.
- **Cost reduction** by reducing installed grid power and simplifying infrastructure (temporary utility poles, cable sections).
- **Reduction of generator set size**, rental costs, fuel consumption, and CO2 emissions.
- **User interface** for commissioning, scheduling and monitoring consumption, remotely or locally.

Potain PP200 (Flywheel system)



- **Longer** lifespan
- **Low maintenance**
- **Output capacity** 85kW. (Ex: 1 x 75HPL crane)

Potain Revolution (Lithium battery system)



- 16A, 32A and 63A power supply < 36kVA.
- **Output capacity** 300kW. (Ex: 3 x 75HPL cranes)
- Start & Stop **function** of the generator set
- Works even if the power source is switched off and delivers a perfectly stabilized voltage.

Energy storage systems	
Potain PP200	84176438
Potain Revolution	84176439

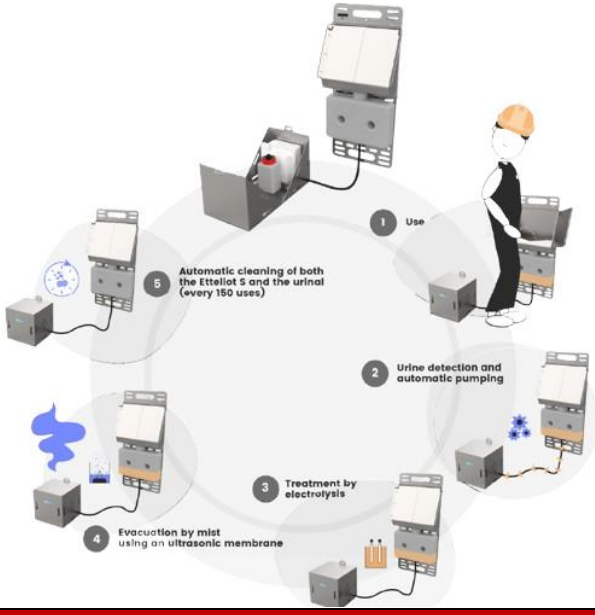
For more information, contact your usual correspondent.

Crane urinals

Improve the sanitary comfort of your crane operators and the cleanliness of your machines!

In partnership with the company Etteliot, Potain offers you an autonomous urinal for tower cranes.

- No water supply, no drainage, no chemicals
- Odorless, automatic cleaning
- Quick and easy installation on a 230V socket
- Patented electrolysis technology
- Dimensions 700 x 300mm, weight 15kg
- Safe installation
- Tested and approved by Potain





Description	References
Urinal Kit	84177112
Annual maintenance kit	84177437

A women's version will soon be added to our offer!

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Mobiload

Your construction sites are moving, and so is your charging solution!

The mobile electric charging solution that supports the electric transition of your construction sites.

4 good reasons to adopt Mobiload!

- **Mobile and compact**: less than 1 m^3 for easy transport, storage and on-site deployment.
- **Express installation**: commissioning in 10 minutes, without trenching or specific electrical accreditation. Power supply via 63A socket.
- **Powerful and connected**: 2 or 6 charging. Optional monitoring and access management.
- **Financially flexible**: available for rent or sale.

Plug in. Recharge. Build.



Don't wait any longer, discover *Mobiload* without delay!

Mobile charging station	Reference
Mobiload 2	84183385
Mobiload 6	84183384

SERVICES

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Document reissue

*For Potain GMA or GME cranes type**

Systematically supplied with the new cranes, they also can be supplied on request for old crane models.

They are carried out in perfect accordance with the crane composition: Type, serial number, desired language, country where the crane operates, or wind standard used are necessary. Here is the list of the document that can be reprinting:



- **Complete set of manuals: Fitting + operation + spare parts**
  - Paper version**
  - USB version**
  - Complementary reactions



- **EC certificate of conformity duplicate**

- **Neutral maintenance logbook**

  Useful when recording the maintenance operations.



- **Red bag for set of manuals**
  - For GME
  - For GMA





**Subject to the availability of the translation in the requested language. This table only concerns records ordered after-sales, outside the sales channel of new cranes.*

***Also order one of these references if you need a crane inspection book (Kranprübuch) for Germany and Poland.*

References

Articles		
Complete Set	Paper version	**E-62985-31****
	USB version	**84070396****
	Complementary reactions	**84143055**
EC certificate of conformity		**84118659**
Neutral maintenance logbook		**V-85985-92**
Red bag	For GME	**84121774**
	For GMA	**84121775**

Goodies

Passionate about the POTAIN brand?

Find all our promotionnal items to offer a unique gift!

Key Rings	
Technician's Van	**84152824**
Potain Logo	**84152825**





Model	
Estafette Potain	**84147165**



Charger	
Induction charger	**84167116**
Charging cable	**84180495**











Clothing			
Waist	Blue polo	Grey polo	Black polo
S	84152833	84167107	84183220
M	84152834	84167108	84183221
L	84152835	84167109	84183222
XL	84152836	84167110	84183223
XXL	84152837	84167111	84183224
XXXL	84152838	84167112	84183225

Men's polo: 100% organic cotton

Flag	
Flag 3m x 2m	**84183437**



Corkscrew	
Corkscrew	**84182991**



If you require more information, please contact your usual correspondent or contact us via e-mail address :
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Our tower crane models

The models are available to order through the usual spare parts channel, benefiting from an attractive price and fast delivery.
Perfect as a gift or for decorating your workspace.

Standard models in cardboard boxes:





Available models	
HUP 32-27 - *1/50th scale*	84145262
EVY 30-23 - *1/50th scale*	84164689
MDT 389 - *1/87th Scale*	84145263
MDT 809 - *1/87th scale*	84145265

Large format models in wooden box:

These mockups are customizable!







Available models	
MDT 219 - *1/50th scale*	84132692
MDT 389 - *1/50th Scale*	84132695
MDT 809 - *1/50th scale*	84148683
MR 229 - *1/50th scale*	84175411
MR 608 - *1/50th scale*	84132696

Exceptional models:



Available models	
IGOT130 - *1/25th scale*	84156317
MRH175 - *1/25th scale*	84156318

Office models:

In 2D



In 3D, customizable



Available models	
2D	84162152
3D (customizable)	84167316

Wooden models:



Available models	
Wooden model	84162696

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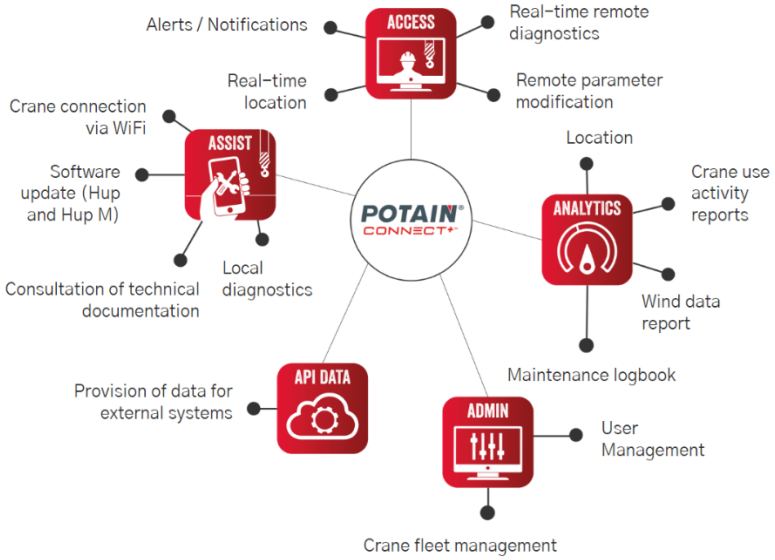
Potain CONNECT+



Potain CONNECT+

With Potain CONNECT+, Make it easy to follow your fleet, real time, 24/7

- Improve the productivity
- Improve safety and environmental impact
- Develop your activity



CraneSTAR Diag --> POTAIN® CONNECT+™

This solution is available for all your cranes CCS cranes, GME or GMA, and MRxx8.

Access to the web portal

- Real-time geolocation
- Remote diagnostics
- Remote parameter modification
- Management of maintenance alerts and notifications

ACCESS

Reports:

- Maintenance notification + Maintenance plan
- Crane
- Configuration crane activity
- Wind
- Fault codes
- Transmission of reports/email

ANALYTICS

- Crane user and fleet management

ADMIN

- Integration of crane fleet data in any other ERP

API DATA

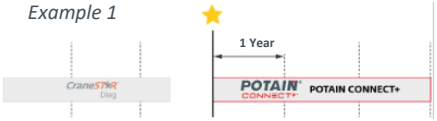
Application on smartphone

- Local diagnostics
- Software update (Hup and Hup M)
- Consultation of ex-works documentation + updates

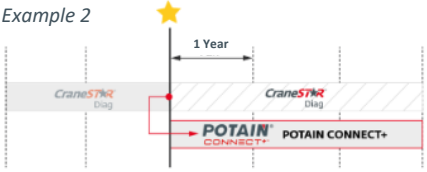
ASSIST

For 3 years or more Potain CONNECT+ subscription *(CraneSTAR Diag running contract included)*, the new **Potain CONNECT + modem is for free**.
Installation takes only few minutes !

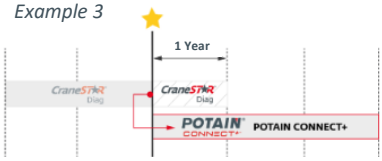
Example 1



Example 2



Example 3



Retrofit request

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Potain Gold offer

Reduce your costs and preserve the environment by choosing our offer « GOLD ».

- Reconditioned parts, tested and checked by our suppliers, guaranteeing you the same standards as a new part.
- Offer valid on a list of specific items, in limited quantities*.
- Attractive price*.
- 12 months warranty.

** Contact us*





Scan or click to access our genuine Part SPN,
Or contact your usual Potain agent.



« Standard Repair » motors

According to the motor type, Potain proposes 2 replacement solutions for a defective motor:

New Motors



- According to the specifications sheet of the original motors («first mounting»),
- Complying with the last technical developments in force,
- Large updated stock, immediately available.

« Standard Repair » motors

Before





After



- A perfect quality level, comparable to the new product,
- Complete dismantling and systematic checking of all components.
- Checking of the insulation, measurement of the leakage current and continuity test of the windings.
- Boring of the bearings, bleaching of the collector rings.
- Degreasing, cleaning, shot blasting, stoving or rewinding.
- Systematic replacement of all worn parts by original parts and bearings.
- Optimum balancing, quality grade: G.6,3.
- Final inspection without load and with load on a specific test bench.
- Complying with the last technical developments in force.
- Only one constraint: the defective motor must be returned within one month

We also propose a « Standard Repair » on gearbox and some frequency inverters.

Scan or click to access online support
Or contact your usual Potain agent.

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Training Academy Potain

Improve and enhance the skills of your teams

Skills and knowledge of your team

The skills and knowledge of men and women in the field are essential to the performance and sustainability of a construction company.



Aware that knowledge of assembly, troubleshooting and the tools inherent in the use of a crane is of great importance for technicians working on construction sites, Potain also offers to train your teams in the various crane trades.

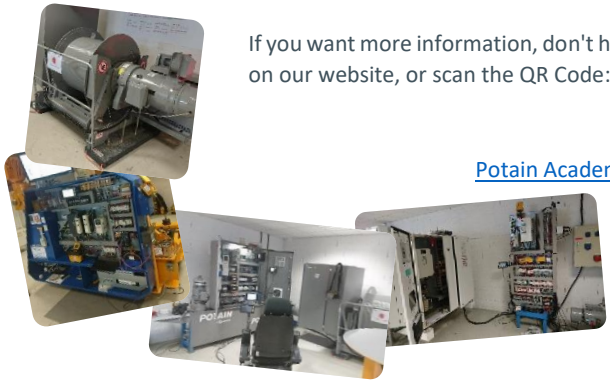
The Potain training center has been created in 1970 on its historic site of La Clayette. From now on called Potain Academy, the center is now located near Lyon, in St Pierre de Chandieu, on the same site as the spare parts stores.

The Academy

Equipped with 5 permanently mounted Potain cranes (3 GMA and 2 GME), the Potain Academy offers training in crane driving, assembly, or repairs, for its customers and Potain dealers.

Periodically, the Academy receives new models for a shorter duration to provide new product training to dealers purchasing their first crane.





If you want more information, don't hesitate to see the Academy's brochure, on our website, or scan the QR Code:

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