

ABOUT US 关于我们

MAGICART is a leading manufacturer and service provider of cranes and material handling equipment, dedicated to the R & D, design, manufacturing, installation and service of cranes and material handling technology.

MAGICART owns comprehensive products, reliable quality, excellent performance, efficient service. The products are distributed in more than 80 countries and regions around the world. It is widely used in more than 20 professional fields, such as equipment manufacturing, logistics, energy, electric power, shipbuilding, metallurgy, ports, infrastructure, metal processing, hydro-power stations, automobile manufacturing, and aerospace.

MAGICART's main products are RTG crane, Hydraulic gantries, Boat Hoist, Floating Dock crane, Portal Jib crane, Dock Arm, Overhead crane, Gantry crane, Jib crane, Lifting Spreader, Electric hoist, customized crane system and lifting accessories. MAGICART has saved customers huge cost in machine purchase and life cycle operating after long-term technological innovation.

Through long-term unremitting efforts, MAGICART will provide clients with the best cost-effective products to fulfill its mission: promote client's business!

Mission: Promote client's business!

Vision:

- Build a world-class team and an entrepreneurship incubation platform.
- To be a company full of great love, freedom and creativity, to make everyone have an open mind, fulfilling job, and a happy life.

Value:

- Respect Life, Protect Human Rights, Keep Promise, Take Responsibility.
- Be upright and trustworthy.
- Change yourself to build a new and happy life.

MAGICART 是领先的起重机及物料搬运设备的专业制造商和服务供应商，致力于起重机及物料搬运技术的研发、设计、制造、安装和服务。

MAGICART 产品系列全、质量可靠、性能优异，服务高效，产品遍布全球八十多个国家和地区。广泛应用于装备制造、物流、能源、电力、船舶、冶金、港口、基建、金属加工、水电站、汽车制造、航空航天等二十多个专业领域。

MAGICART的产品主要有轮胎吊、液压龙门吊、游艇吊、浮船坞起重机、门座式起重机、坞臂车、桥式起重机、门式起重机、悬臂吊、吊具、电动葫芦、定制化的起重设备及配套件。经过长期的技术创新，我们已为客户节省了大量购机成本和生命周期运营成本。

MAGICART 将通过长期不懈的努力为客户提供性价比最佳的产品，来践行自己的使命：提升客户的事业！

使命：提升客户的事业

愿景：

- 打造世界顶级团队和创业孵化平台
- 成为一家充满大爱、自由和创造力的公司，让每个人都能心灵开阔、工作充实、生活幸福。

价值观：

- 尊重生命、保障人权、言而有信、勇于担当
- 做一个正直的、值得信任的人
- 改变自己，以创造崭新的、快乐的人生

Dock & Shipyard Cranes



Floating Dock Cranes

For Repair, maintenance of ship on floating dock

Jetty / Warf cranes

Installed on a jetty for various lifting business

Dock Arm

To serve the sailboat production and launch it to the lake and sea.

Offshore cranes

Installed on a vessel, offshore platform for cargo lifting

Shipyard Jib Cranes

For Ship building and repair in Dry dock

Marine Pedestal cranes

Installed on a container or bulk cargo vessel for cargo lifting

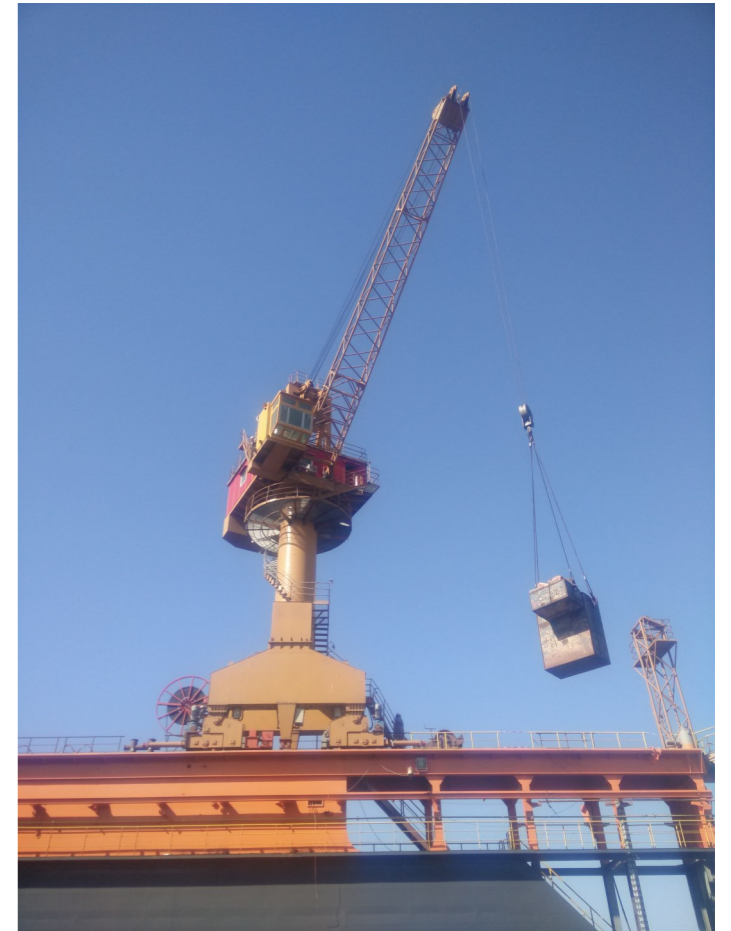
APPLICATION - Floating Dock Cranes

产品应用-浮船坞起重机



APPLICATION - Floating Dock Cranes

产品应用-浮船坞起重机



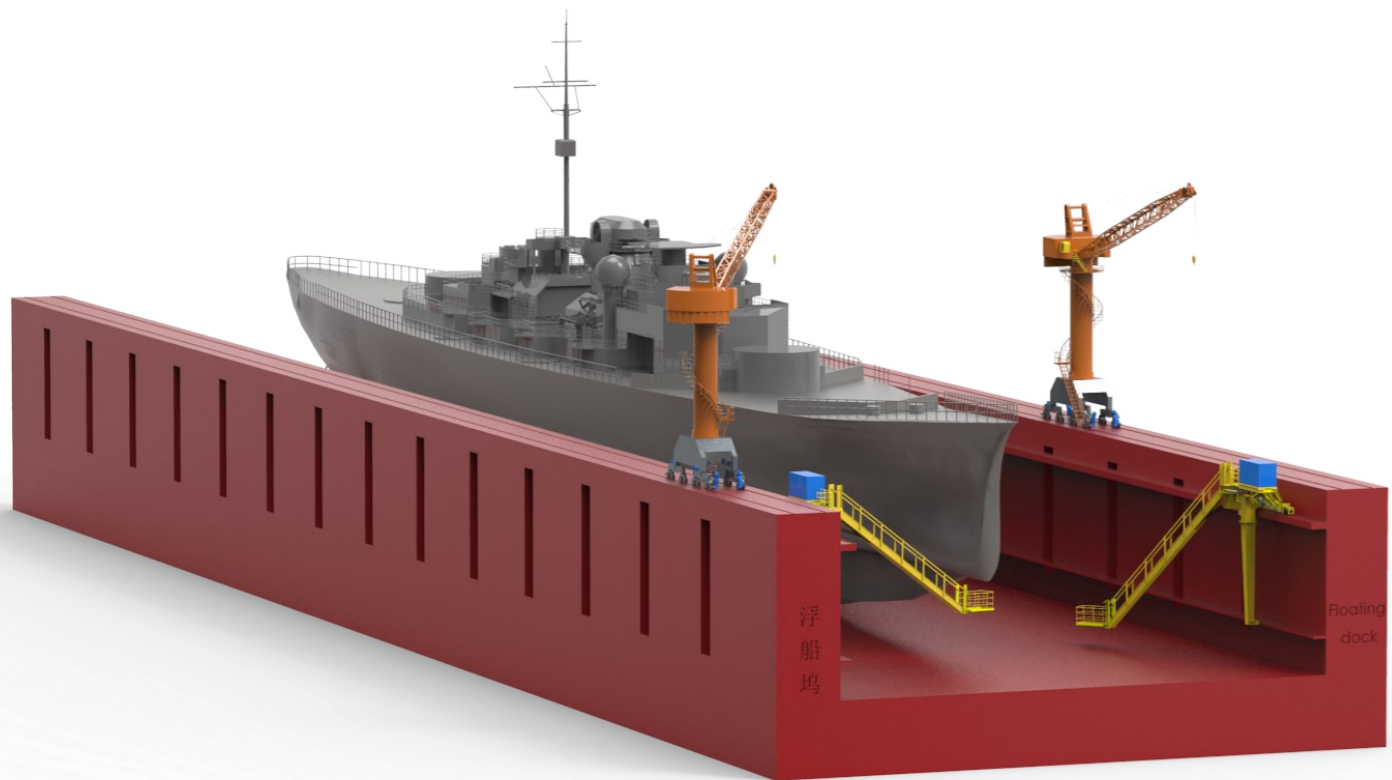
• Old Dock before Upgrading



• Dock after Upgrading

Floating Dock Crane - Model Selection 选型

- **Level Luffing design** with advanced PLC control, unique design for ship repairs and launches on floating dock, reliable performance for various marine condition.
- The best method to make ship repair and maintenance job on a floating dock.
- Low deadweight, Large capacity and customizable outreach, capable for a narrow wing wall
- With rich experience in modification of old floating dock



Technical sheet

F.E.M | DIN | EN Standard

MAGICART floating dock cranes can be used in small and large floating dock for ship repair and building. It is very rigid for accurate load handling.

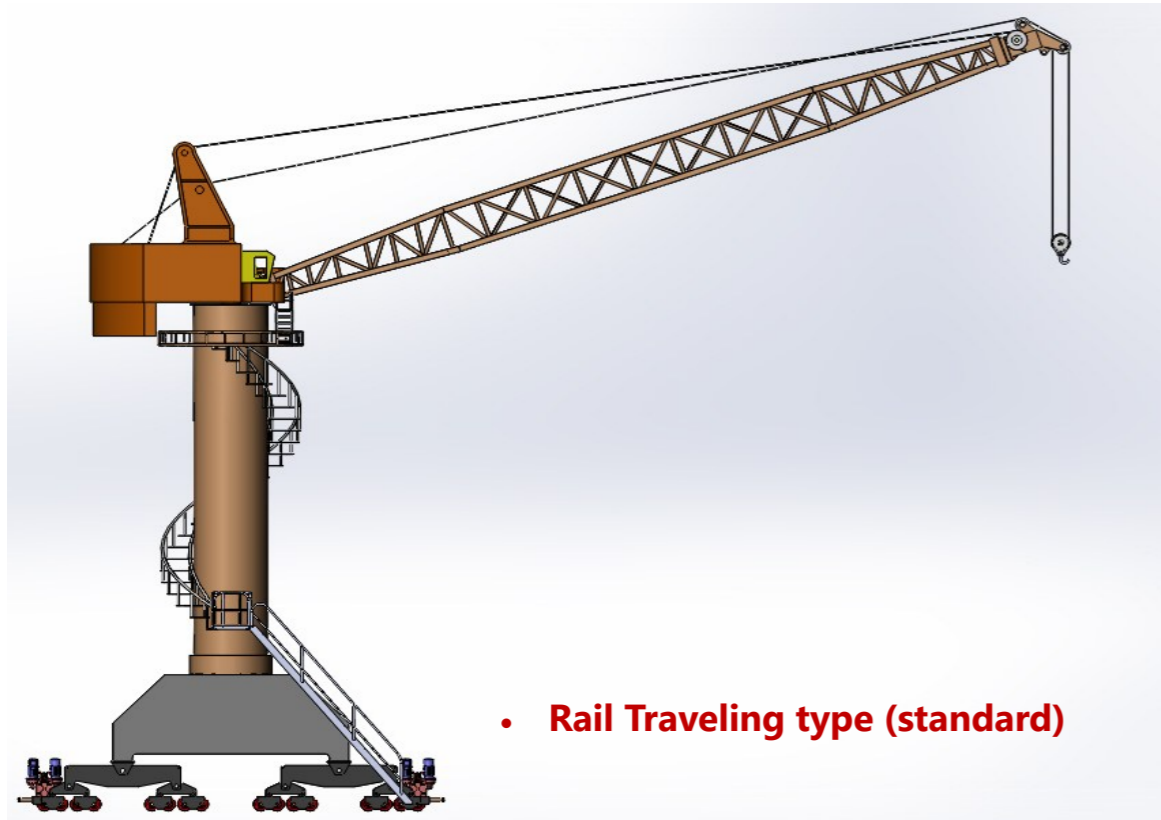
- Ergonomically designed Cabin for operator
- Smart & safety walkway and ladders
- Monitoring system for loading situation, wind factors, fault display, alarm control in cabin
- 4 travel motion alarms with Aviation obstruction lights
- Minimized wind pressure and wheel load
- Inclination 1°~ 3°design
- Berthing anchor system
- Safety monitoring system
- Power-off automatic rail clamping system
- Full frequency converters system
- Real time monitoring for traveling condition
- Outreach from 6.m to 50m
- Center lubrication system
- Programmable PLC Electronic Control System
- Electronic, stepless speed, infinitely variable controls for hoisting, traverse and travel.
- IACS class

Capacity (ton)	Max Outreach (m)	Max Lifting height above rail/under rail	Rail Gauge (m)
5	15~25	15~25/10~15	3~6.0
7	15~25	15~25/10~15	3~6.0
10	15~25	15~25/10~15	3~6.0
15	20~35	20~25/10~15	3~6.0
20	20~35	20~25/10~15	3~6.0
25	20~35	20~25/10~15	3~6.0
30	20~50	20~35/10~20	3~6.0
35	20~50	20~35/10~20	3~6.0
40	20~50	20~35/10~20	3~6.0
Customizable	Customizable	Customizable	Customizable

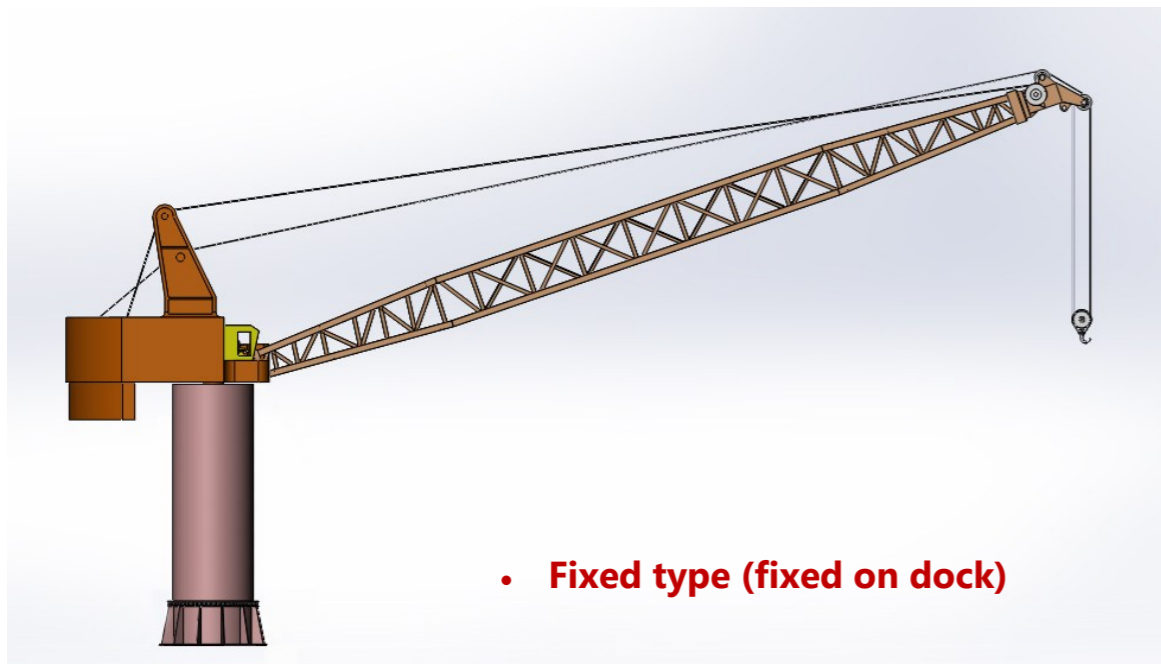
Option: single boom or double boom, IACS class certificate (CCS, BV, ABS etc)

Floating Dock Cranes - Options 选配

► Options of substructure 底部结构选配



• Rail Traveling type (standard)



• Fixed type (fixed on dock)

► Options of structure 结构选配



• Single Boom (standard)



• Double Boom
• Auxiliary Hook

► Options of Color 颜色选配



Red-white (standard)



Blue-white

Note: for more colors, pls provide MAGICART with your Color ID for customized design.
注意：如需更多颜色，请提供我们您想要的色号进行定制化生产，谢谢！

► Options of Class certificate 船级社证书选配

- CCS
- BV
- ABS
- RINA
- LR
- RS
- IACS class certificate

Dock Arm 坞壁车

MAGICART Dock Arm is designed to installed on floating dock and dry dock which can traveling along the rail of dock wall, it is professional and efficient equipment for ship building, ship repairing and painting.

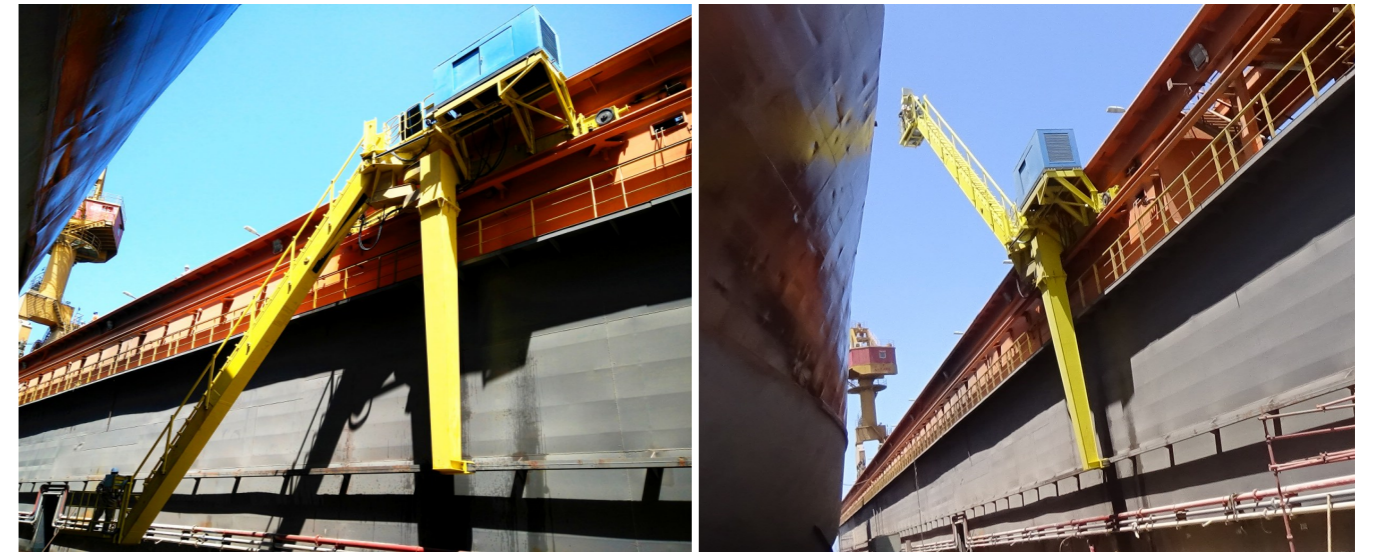


Standard Design

- Easy access of Control station on worker platform
- Control station in machinery house/cabin
- Monitoring system for pressure situation, alarm, oil volume
- 2 travel motion alarms
- Arm Slewing 0° ~180°
- Worker platform slewing 0° ~180°
- Heel ≤3° , Trim ≤ 2° Inclination, can be customized design
- Outreach from 8.m to 55m
- Height from 10 m to 40 m
- Center lubrication system
- Programmable PLC Electronic Control System
- Stepless speed control, infinitely variable controls for hoisting, traverse and travel.
- Powered by: Diesel engine or Cable reel
- Options: CE, IACS class certificate (CCS, BV, ABS etc.)

Technical sheet

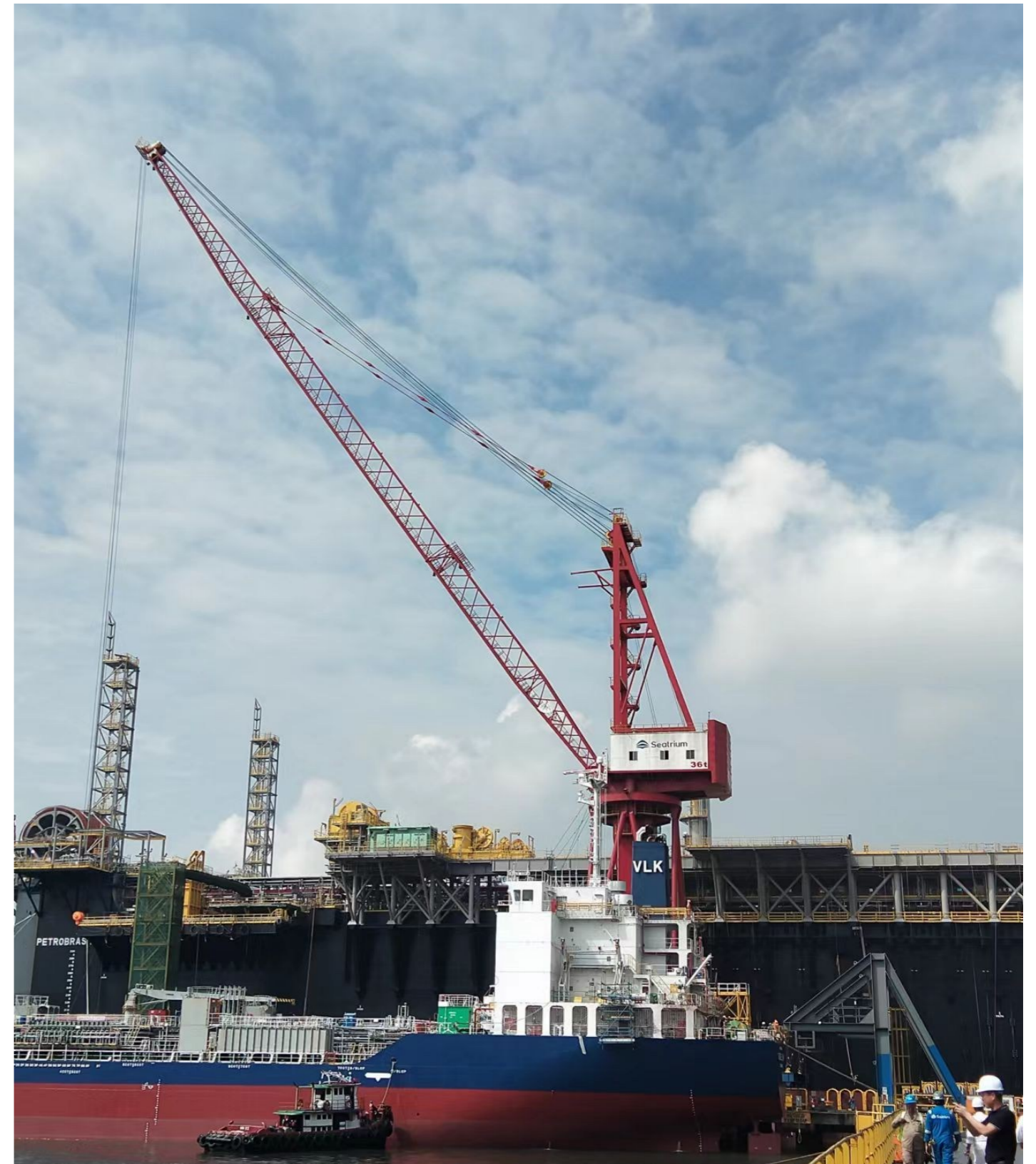
F.E.M | DIN | EN Standard



Capacity (kg)	Max Outreach (m)	Power supply
500	8	Diesel engine or Cable reel
500	12	
500	16	
500	20	Diesel engine or Cable reel
500	24	
500	28	Diesel engine or Cable reel
400	32	
400	36	
400	40	Diesel engine or Cable reel
400	45	
400	50	Diesel engine or Cable reel
400	55	

APPLICATION - Portal Jib Crane

产品应用 - 门座式起重机



Portal Jib Crane - Model Selection 选型

- For Shipyard Dry Dock, Jetty, Wharf, Port, Harbor, Factory Open yard
- Capacity from 5t to 800t



Technical sheet

F.E.M | DIN | EN Standard

MAGICART portal jib crane can be used in small and large shipbuilding and repair. It is very rigid for accurate load handling.

Standard Design

- Ergonomically designed Cabin for operator
- Smart & safety walkway and ladders
- Monitoring system for loading situation, wind factors, fault display, alarm control in cabin
- 4 travel motion alarms
- Minimized wind pressure and wheel load
- Berthing anchor system
- Berthing anchor system
- Full frequency converters system
- Real time monitoring for traveling condition
- Outreach from 6.m to 50m
- Center lubrication system
- Programmable PLC Electronic Control System
- Electronic, stepless speed, infinitely variable controls for hoisting, traverse and travel.

Capacity (ton)	Max Outreach (m)	Max Lifting height above rail/ under rail	Rail Span (m)
5	15~50	20~50/15	5.0~12
10	15~50	20~50/15	5.0~12
15	15~50	20~50/15	5.0~12
20	20~50	20~50/15	5.0~12
30	20~50	20~50/15	8.0~12
50	20~80	20~80/15	8.0~12
80	30~80	20~80/15	8.0~12
100	30~100	20~100/15	8.0~12
120	30~100	20~100/15	9.0~15
150	30~100	20~100/15	9.0~15
200	30~120	20~120/15	9.0~15
250	30~120	20~120/15	9.0~15
300	30~120	20~120/15	9.0~15
500	30~120	20~120/15	9.0~15
800	30~150	20~150/15	9.0~15
Customized	Customized	Customized	Customized

Option: Auxiliary hook from 5ton to 100ton

Shipbuilding Gantry Crane 造船门机

(For Dry Dock, Ship building)

- High reliability
- Excellent stability
- Unique rope design for minimal sway
- Easy maintenance
- Fault checking and monitoring
- High visibility in multiple directions
- All-in-one controls
- Low energy consumption
- High productivity with short cycle times
- Optimized equipment weight



Technical sheet

F.E.M | DIN | EN Standard

Item	Capacity	Capacity
Load Capacity	100~500tons	500~2000tons
Upper trolley Load of total	50%~100%	50%~100%
Lower trolley Load of total	50%~100%	50%~100%
Auxiliary hoist	20~50ton	20~50tons
Service hoist	6~10tons	6~10tons
Work Grade	A5	A5
Main dimensions		
Span	10 ~ 25 m/min	10 ~ 25 m/min
Max. Lifting height	15 ~ 35 m/min	15 ~ 35 m/min
Speed		
Crab travel	10 ~ 25 m/min, stepless	
Upper trolley travel speed	0~30 m/min, stepless	
Upper trolley lifting speed (no load)	0~20 m/min, stepless	
Upper trolley lifting speed (with load)	0~10 m/min, stepless	
Lower trolley lifting speed (no load)	0~30 m/min, stepless	
Lower trolley lifting speed (with load)	0~10 m/min, stepless	
Auxiliary hoist speed	10~40 m/min, stepless	
Service hoist speed	5~25m/min, stepless	
Electric system		
Crane power supply	cable drum	
Trolley power supply	mobile cable system/drag chain system	
Operation		
Operation	cabin	
Maintenance services		
Monitoring system	cable drum	
Remote diagnostics	option	

Offshore Crane 海洋起重机

- Installed on offshore oil production platforms, platform supply vessels, offshore floating storage vessels, offshore construction vessels, LNG ships, engineering ships, maritime vessels, scientific research vessels, bulk carriers, ice-breaking ships, etc., for offshore operations.



Drive	Max. Load (ton)	Boom length	Speed	Slewing range	Certificate
Electric or hydraulic	5~150t	5~80m	Customized	360°	CCS, BV, ABS, IACS etc

Marine Pedestal Cranes 船用起重机

- Installed on deck of various vessels, such as container vessel, barge, bulk cargo vessel, also can be installed on offshore platform, Jetty for various material lifting.



Drive	Max. Load (ton)	Boom length	Speed	Slewing range	Certificate
Electric or hydraulic	5~150t	5~80m	Customized	360°	CCS, BV, ABS, IACS etc

Why our proposal is so attractive?

Technology Advantages

- Advanced technology in crane structure design
- Advanced electric & hydraulic control system



Reliable Fast Services

- Solve-trouble firstly in company rules
- Professional & fast action in solution

Excellent Performance

- 100% performance tested in factory
- Continuous performance optimized plan



Guaranteed Quality

- Qualified components for every part
- 2 years warranty services



MAGICART 提升客户的事业
PROMOTE CLIENT'S BUSINESS



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