

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

Mobile Boat Hoist



Powerboat

Lift, transfer, launch and retrieve of power boat in port , shipyard.

Tugs & OSVS

To launch or repair, the mobile boat hoist is a good choice.

Sailboat

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

Barges

In barges fabrication and repair, a boat hoist can do various job .

Yacht

Professional lifting machine and hauler for yacht to repair yard.

Shipyard

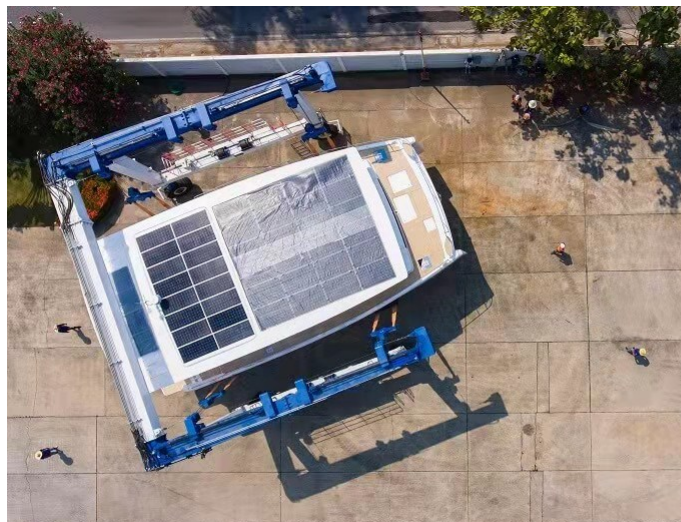
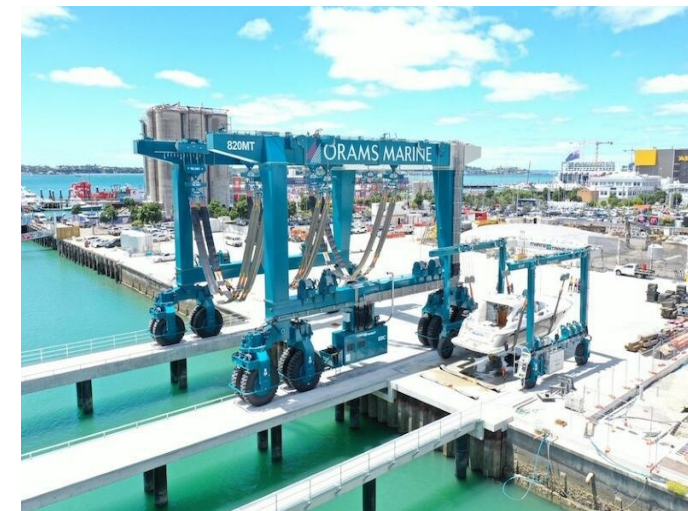
A better lifting equipment with high mobility for ship repair

APPLICATION

产品应用

- Maintenance of boat, yacht, various vessel
- Boat Lifting and Launching
- Boat Transferring inside workshop
- Storage of yacht
- Hoisting of Fabricated parts of boat
- Handling and Transportation of cargo vessel

- Power Boat
- Sail boat
- Yacht, Catamaran
- Cargo vessel
- Tugs, OSVS, Barges
- Shipyard material

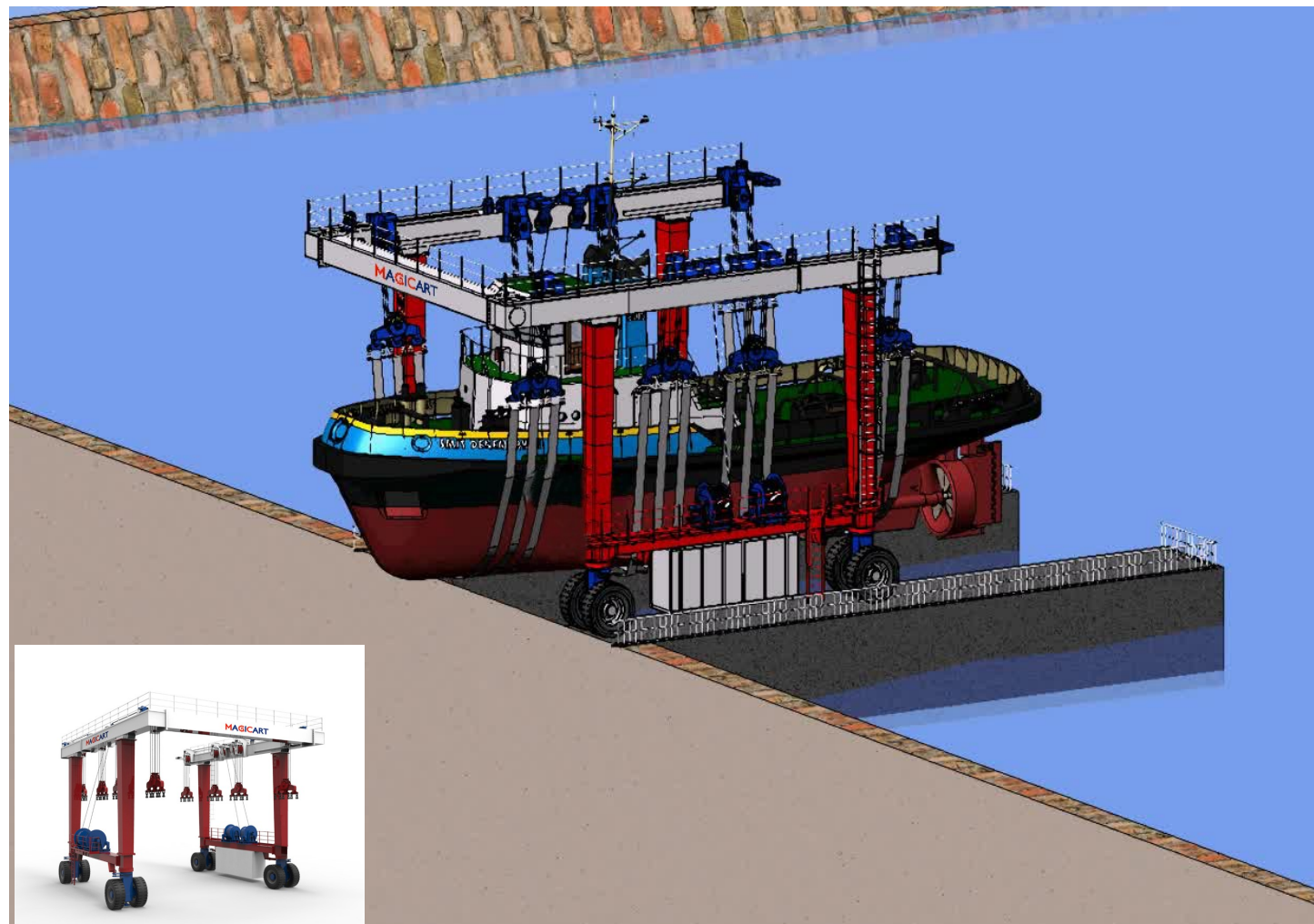


Advantages & Features

BH model Boat Hoist is a boat lifting equipment of MAGICART designed for boat transfer, launch and maintenance, owns high investment value for shipyard.

Features & advantages

- Overhead protection & weighting system
- Lifting height protection in max and min
- Fault alarm and diagnose system
- Full protection system for safety design
- Qualified & reliable components
- High-efficient working ability
- Simple & minimal maintenance demand
- Easy operation design
- Full functional test before delivery
- Free 2 years spare parts supply
- Mature site installation services
- 5 steer modes design for all condition
- 2 year warranty service from site test
- Portable wireless controller
- 4 travel motion alarms
- Wind speed protection system
- 3%~10% gradient travel design
- Powered by Diesel Engine
- Danfoss or Rexroth hydraulic system
- Two options for 2 or 4 wheel steer
- Carousal 360° / Diagonal / 90° transverse
- Operation station for standby
- Programmable PLC Electronic Control System
- Electronic, stepless speed, infinitely variable controls for hoisting, traverse and travel.
- High strength protective sling belts

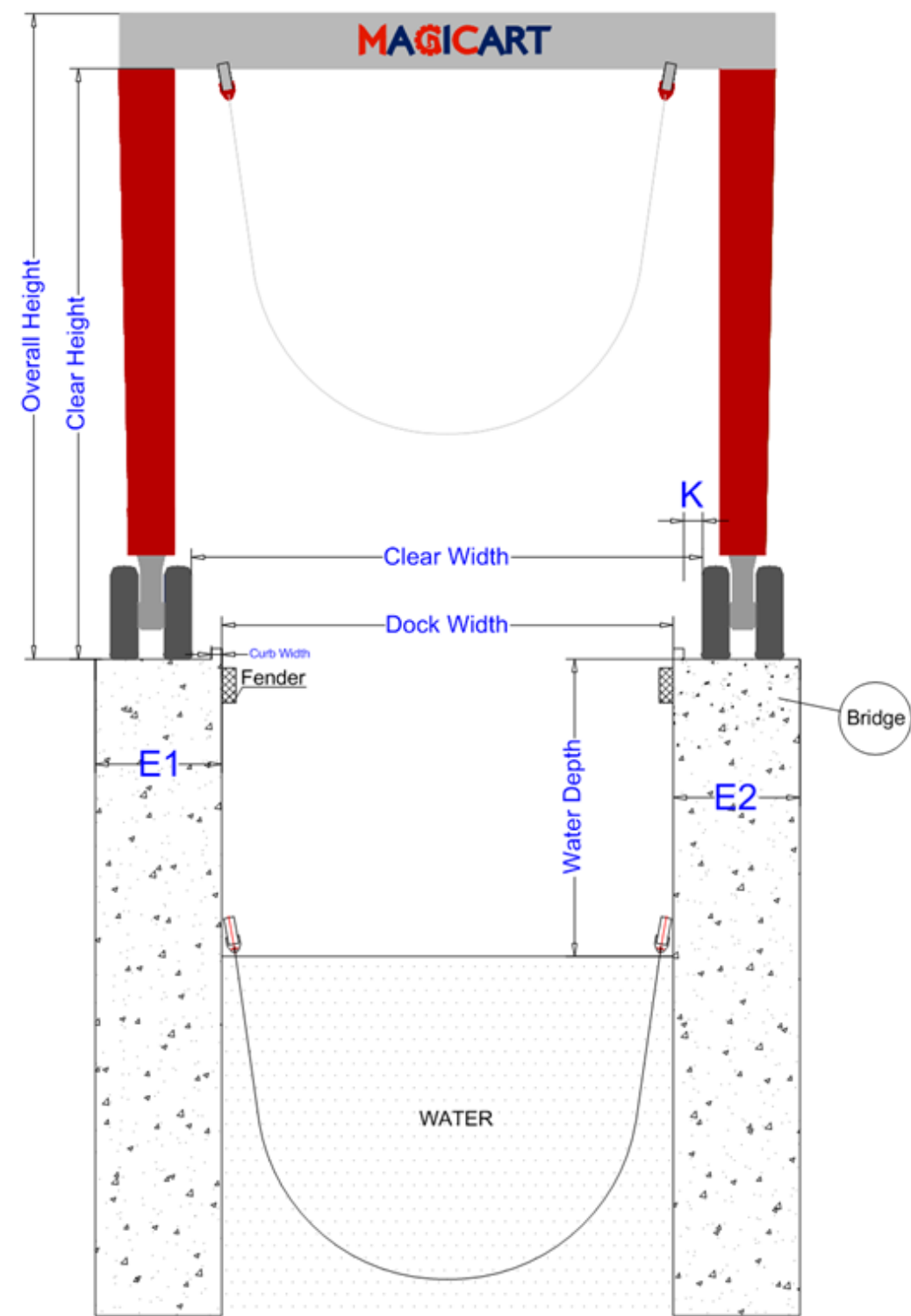


Main Options:

- Powered by lithium battery instead of Diesel engine;
- Online monitoring system via Internet Access;
- Radar anti-collision system
- Rail traveling type Boat Hoist



Model Selection - Mobile Boat Hoist



1) Necessary Info needed from client

- Model of Boat hoist or Maximum weight of boat
- Note: we can provide a standard offer with our standard drawing for client to design its marina (dock)



• Color—WB



• Color—RW



• Color—BL

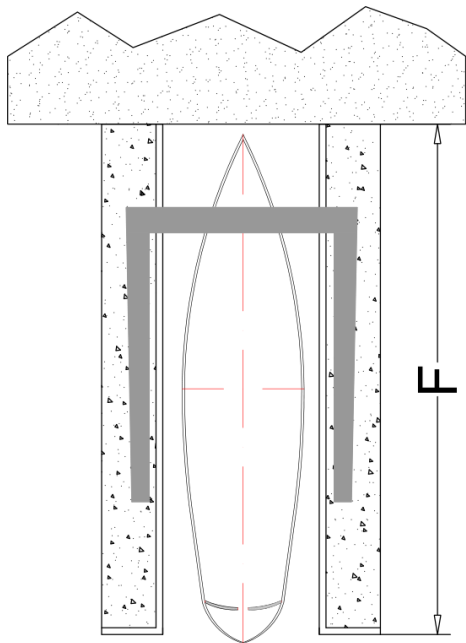
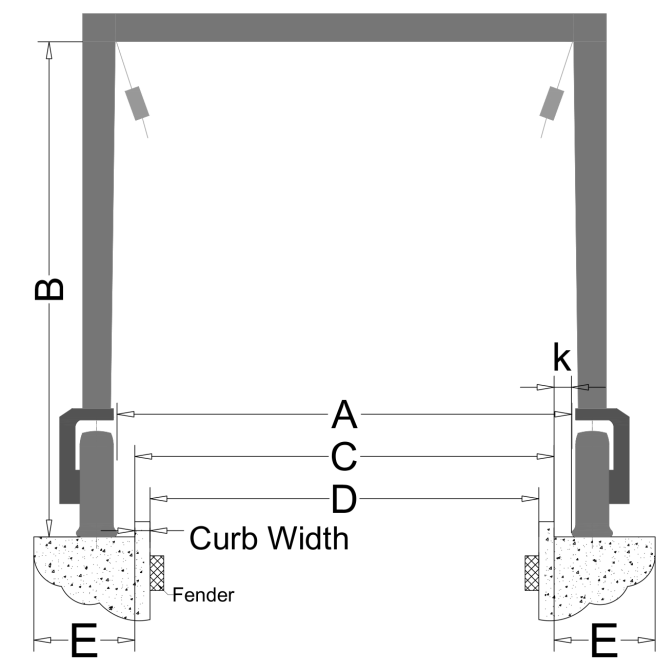
Model	Load Capacity	Clear Width	Clear Height
BH 10	10T	4.9m	5.1m
BH 15	15T	5.6m	5.8m
BH 25	25T	5.6m	5.8m
BH 35	35T	5.6m	5.8m
BH 50	50T	6.4m	6.6m
BH 75	75T	7.5m	7.0m
BH 100	100T	8.4m	8.1m
BH 150	150T	9.0m	9.4m
BH 200	200T	9.6m	10m
BH 250	250T	9.6m	10m
BH 300	300T	10.2m	10.6m
BH 350	350T	10.6m	11m
BH 400	400T	11.0m	11.4m
BH 500	500T	12.0m	12.4m
BH 600	600T	13m	13.4m
BH 700	700T	14m	14.4m
BH 820	820T	17m	17.4m
BH 1000	1000T	17m	17.4m
BH 1500	1500T	20m	20m
Customized	Customized	Customized	Customized

2) More info needed from client (if available)

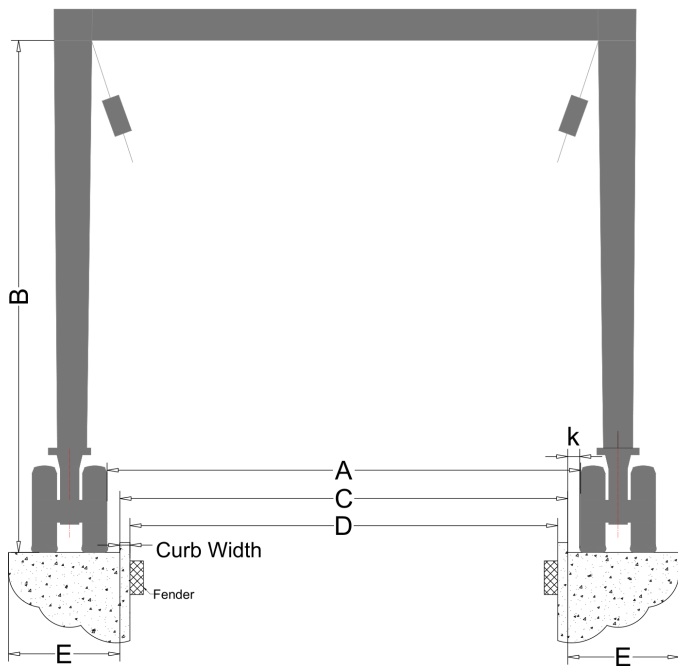
- Type of Boat
- Clear width
- Clear height
- Max weight of boat
- Max. Size of boat
- Marina (dock) Drawing or size (see below)
 - Dock Width: _____mm
 - Bridge width - E1/E2: ____/____mm
 - Bridge Length- F: _____mm
 - Water Depth: _____mm

Marina (Dock) Size (for reference only)

*Single Tire (capacity 10 ~ 100 ton)



*Double Tire (capacity 150 ~ 1500 ton)



1. Clear width "A" is shown for a standard machine. Dimension "A" can be designed to suit customer's desired width. Dimensions "C" and "D" will change by the same amount.
2. Dimension "D" is the minimum recommended. This dimension can be increased slightly by increasing clear width "A"
3. Excessively increasing the curb width or dimension "A" without increasing dimension "C" may cause interference when attempting to lower the sling blocks past the dock.
4. The minimum dock width "E" is the width of the dock required to provide a minimum tire space on both sides of the tires when traveling on a dock. This width "E" does not include space for a walkway or the curb width.
5. The customer must obtain approved plans from his own engineering firm for actual Marina construction.

Marina (Dock) Size Table												
MODEL	Clear Width (m)	Clear Height (m)	Outside Curb Width (m)	Inside Dock Width (m)	Minimum Bridge Width (m)	Recommended Minimum Bridge Length (m)	Curb Width (m)	Minimum Tire to Curb (m)	Wheel Loads (Reference) Per Corner (ton)		Tire per Corner	Approx. Ground Pressure
	A	B	C	D	E	F	Per Side	K	VERTICAL	LATERAL	QTY	kg/cm2
BH 10	4.9	5.1	4.7	4.5	0.8	12.0	0.1	0.1	10.0	1.0	1	9
BH 15	5.6	5.8	5.4	5.2	0.8	14.0	0.1	0.1	10.0	1.0	1	9
BH 25	5.6	5.8	5.4	5.2	0.8	14.0	0.1	0.1	10.0	1.0	1	9
BH 35	5.6	5.8	5.4	5.2	0.8	16.0	0.1	0.1	14.0	1.4	1	9
BH 50	6.4	6.6	6.2	6.0	1.0	17.0	0.1	0.1	21.0	2.1	1	9
BH 60	6.6	6.8	6.4	6.2	1.0	18.0	0.1	0.1	14.0	1.4	1	10
BH 75	7.5	7	7.3	7.1	1.0	19.0	0.1	0.1	28.0	2.8	1	10
BH 100	8.4	8.1	8.2	8	1.4	23.0	0.1	0.1	41.0	4.1	1	9.5
BH 150	9.0	9.4	8.7	8.4	1.8	28.0	0.15	0.15	60	6	2	10.5
BH 200	9.6	10.0	9.3	9.0	2.1	31.0	0.15	0.15	85	9	2	10.0
BH 250	9.6	10.0	9.3	9.0	2.3	31.0	0.15	0.15	110	11	2	9.5
BH 300	10.2	10.6	9.9	9.6	2.4	31.0	0.15	0.15	130	13	2	10.0
BH350	10.6	11.0	10.3	10.0	2.6	34.0	0.15	0.15	150	15	2	10.0
BH 400	11.0	11.4	10.7	10.4	2.8	37.0	0.15	0.15	170	17	2	9.5
BH 500	12.0	12.4	11.7	11.4	3.0	40.0	0.15	0.15	225	23	4	9.5
BH 600	13.0	13.4	12.7	12.4	3.0	46.0	0.15	0.15	280	28	4	10.0
BH 700	14.0	14.4	13.7	13.4	3.2	46.0	0.15	0.15	330	33	4	9.5
BH 800	15.0	15.4	14.7	14.4	4.5	55.0	0.15	0.15	370	37	2	10.0
BH 1000	17.0	17.4	16.7	16.4	4.5	61.0	0.15	0.15	500	50	4	10.0

Boat Jib Crane - One Hoist

Capacity: 4~12t under spreader
Remote Control

- ◆ **Economic Design** : Electric Chain Hoist
 - ◆ 2 speed lifting with overload protection
 - ◆ Class : A3
- ◆ **European FEM Design** : Wire Rope Hoist
 - ◆ 2 speed lifting with overload protection
 - ◆ Class : 2m/ M5 (A5)



Capacity (ton)	Max Outreach (m)	Max Lifting height (m)	Class
1	3 / 4 / 5	3 / 4 / 5 / 6	A3 / A5
2	3 / 4 / 5	3 / 4 / 5 / 6	A3 / A5
3	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
5	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
8	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
10	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
12	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
Customized	Customized	Customized	N/A

Note: if you need a bigger size or have special demand, pls contact with our sales engineer.

Boat Jib Crane - Four Hoists

Capacity: 2~12 t under sling
Remote Control

- ◆ **Economic Design** : Electric Chain Hoist
 - ◆ 4 hoists synchronous working
 - ◆ Class : A3
- ◆ **European FEM Design** : Wire Rope Hoist
 - ◆ 4 hoists synchronous working
 - ◆ Class : 2m/ M5 (A5)



Capacity (ton)	Max Outreach (m)	Max Lifting height (m)	Class
2	3 / 4 / 5	3 / 4 / 5 / 6	A3 / A5
4	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
6	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
8	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
10	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
12	3 / 4 / 5 / 6	3 / 4 / 5 / 6 / 8	A3 / A5
Customized	Customized	Customized	N/A

Note: if you need a bigger size or have special demand, pls contact with our sales engineer.

Why choose MAGICART?

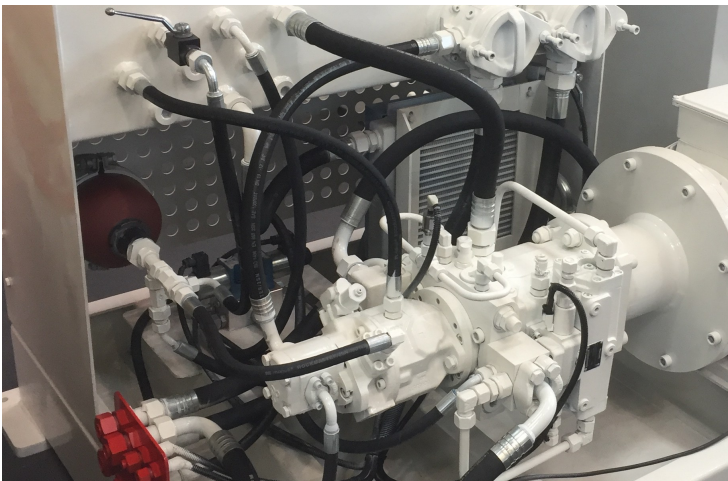
High-Tech Advantages

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



Excellent Performance

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



Reliable Fast Services

- Solve-trouble firstly in company rules
- Professional & fast action in service (unconditional parts supplies in advance)



Guaranteed Quality

- Qualified components for every part
- Standard 2 years warranty policy



MAGICART 提升客户事业
PROMOTE CLIENT'S BUSINESS

info@magicartcranes.com
Tel.: +86 173 3736 9287
XINXIANG MAGICART CRANES CO., LTD
新乡市魔工起重机有限公司
www.magicartcranes.com
1903, Cross-border Trade Building,
Jinsui Road, Hongqi District, Xinxiang, Henan, China