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 30 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, hydropower 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，产品遍布全球三十多个国家和地区。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，MAGICART 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

提 升 客 户 的 事 业
PROMOTE CLIENT'S BUSINESS

MAGICART

Hydraulic Gantry 液压龙门吊系列



Indoor Workshop and Outdoor Operation

Precise Loading, Unloading from trailer

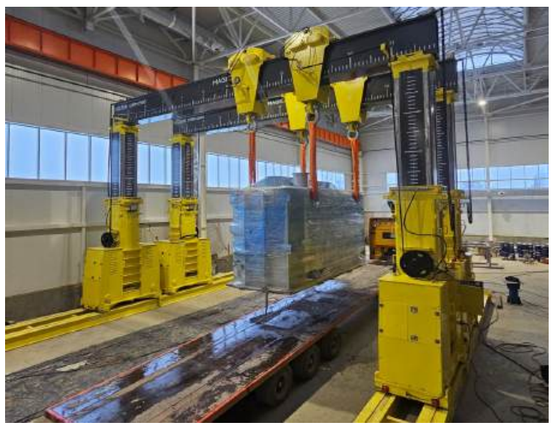
Rental and Temporary use, Location changed easily.

Email: info@magicartcranes.com

MAGICART

APPLICATION
产 品 应 用

- Transformer Loading 变压器装卸
- Transformer Site Assembly 变压器现场组装
- Heavy electricals 重型电气设备
- Energy container 能源罐体
- Concrete Beam 混凝土梁
- Stator Lifting 定子吊装








MAGICART

- Heavy Logistic Equipment 重型设备
- Various Production Line Mould 各类生产线模具
- Boat Maintenance 船只维保
- Machine Assembly 设备组装
- Construction Project Lift 建筑工程吊装
- Factory lifting 工厂吊装

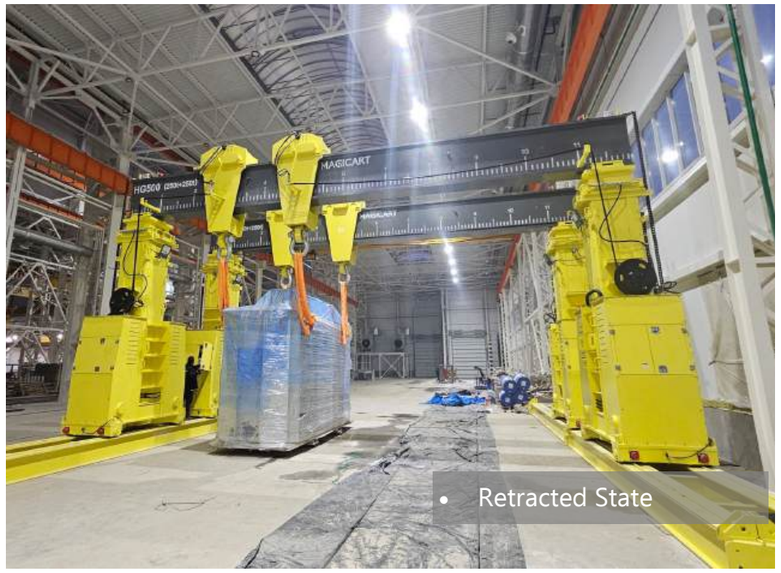







Product Introduction 产品介绍

MAGICART's Hydraulic gantry is a lifting equipment of designed for heavy machine lifting, transferring and assembly, is based on advanced hydraulic system and programed PLC system which can control all movement in very precise position, owns high investment value for logistic activities.



- Retracted State











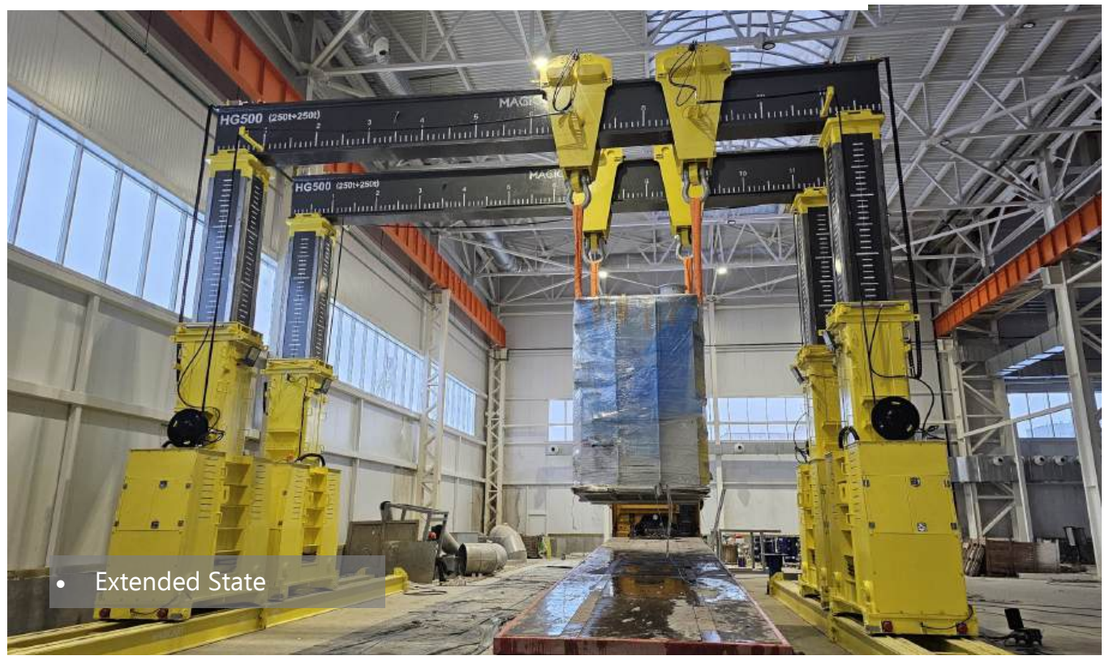
Main Features 主要特点

- High strength steel material and structure design
- Overload Protection system
- High precision of Synchronous lifting in millimeter-level controlled by wire sensor and plc
- High precision of Hoisting spreader moving in millimeter-level controlled by wire sensor and plc
- Standard Remote control (wireless)
- Each Leg or single Gantry can be separately operated
- Hoisting spreader can moves separately
- Hoisting spreader can be manually moved or motorized
- Advanced technology and performance based on global advanced brand parts and components
- Traveling limit switch can be added
- End stopper can be added
- Design standard comply with F.E.M, DIN, ISO
- With CE, EAC certification
- Strict FAT test and load test, can be witnessed by any 3rd party and customer's engineers
- A professional technical team supports customer's site test, acceptance and training
- Option: Online Monitoring System with Internet access

MAGICART

Load Capacity: from 50ton, up to 2,000 ton

载荷范围： 50-2000t



- Extended State











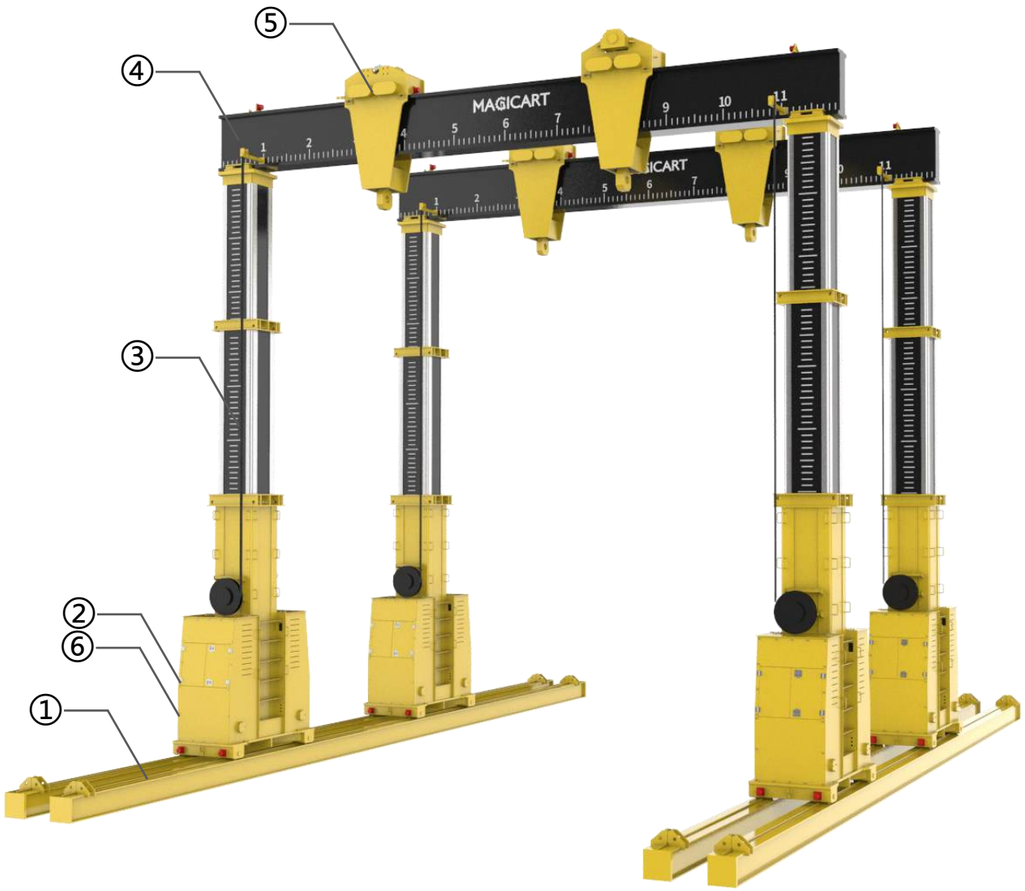




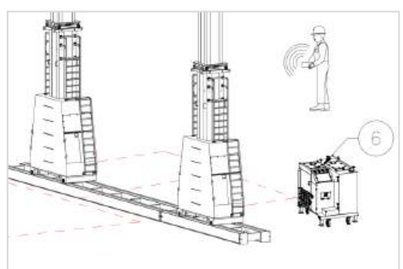




Introduction of Optional parts 选配介绍



NO.	QTY	Item	Options
1	2	Track Rail	Length customized
2	4	Pedestal	
3	4	Telescopic Leg	Customized
4	2	Girder	Length customized
5	4	Hoisting spreader	Motorized or Manual moved
6	4	Hydraulic power station (located inside pedestal)	1 units Centralized Hydrau-lic station for all gantries



- **Options of Gantry qty** 门架数量选配



Double Gantry



Single Gantry



Slings

- **Options of Hoisting Spreader, Shackle, Sling** 吊具/卸扣/吊带选配



Manual Moved-I



Motorized-II



Shackle

- **Options of Color** 颜色选配



Yellow-Grey



Yellow-White



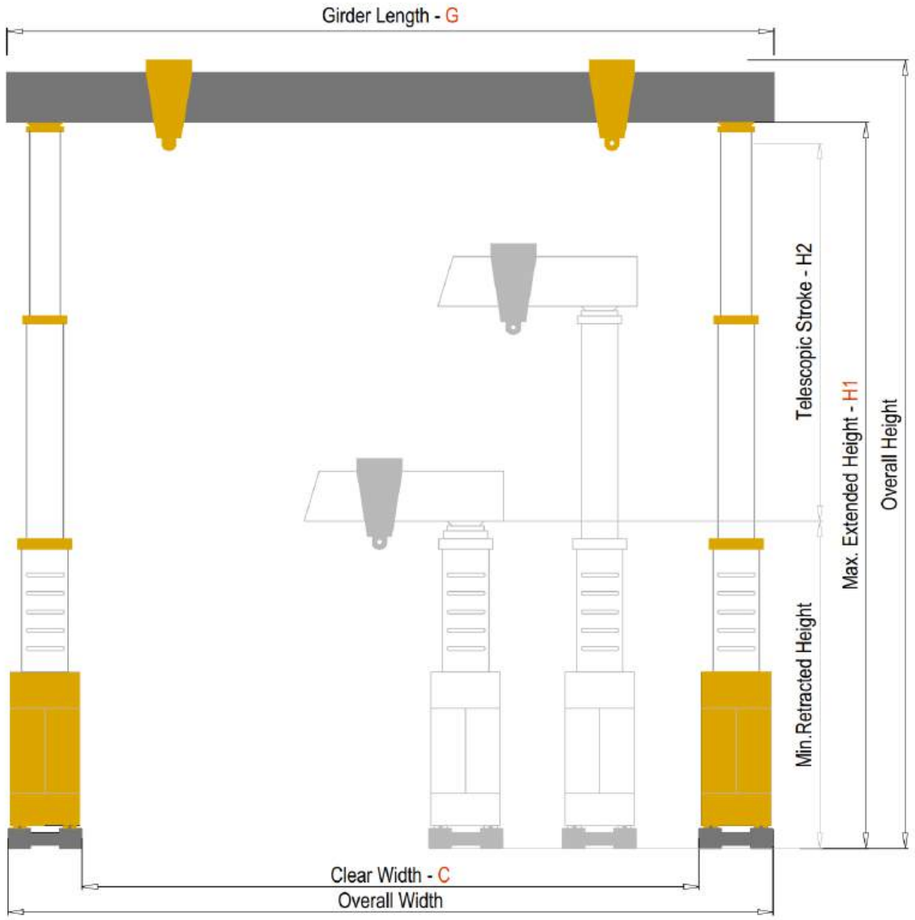
Blue-White



Red-Grey

Note: for more optional 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！

Hydraulic Gantry - Model Selection 选型



1) Necessary Info needed from client for offer

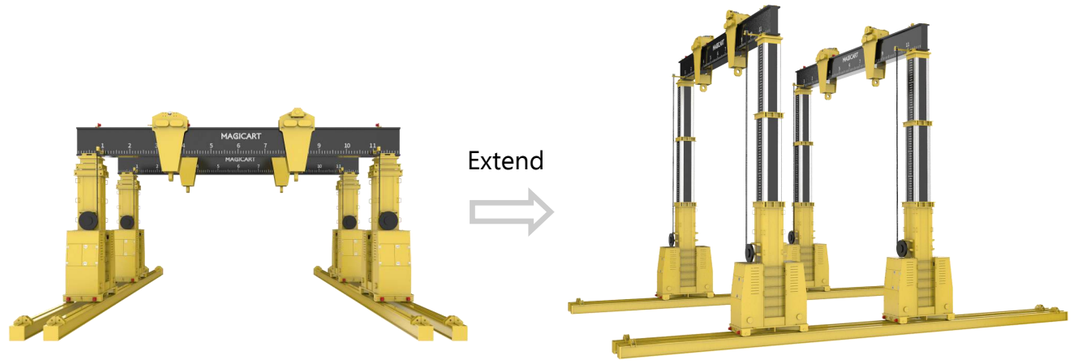
- **Max. Load** at Max. Extended Height or detailed requirement
- Max. Extended Height - H
- Girder Length - G
- Clear Width - C
- Track Length (one side)
- Voltage (V, HZ, Phase)

2) Helpful Info from client if available

- **Material details** (Photo/Drawing/Size) to be lifted
- Working procedure of proposed
- Requirement for precision
- Working temperature
- Certificate required or more

MAGICART

F.E.M | DIN | EN Standard



Data sheet of Model 型号表

Model	Max. Load (ton)	Min. Retracted Height (m)	Girder Length (m)	1st Section Load / Height (ton / m)	2nd Section Load / Height (ton / m)	3rd Section Load / Height (ton / m)
HG 50	50	4.5	6 - 15	50 / 7.0	50 / 9.5	/
HG 100	100	4.5	6 - 15	100 / 7.0	100 / 9.5	/
HG 200	200	4.5	6 - 15	200 / 7.0	100 / 9.5	/
HG 300	300	4.5	6 - 15	300 / 7.0	200 / 9.5	/
HG 400-2	400	4.5	6 - 15	400 / 7.0	300 / 9.5	/
HG 400-3	400	4.8	6 - 15	400 / 7.5	400 / 10.2	300 / 12.5
HG 500-2	500	4.5	6 - 15	500 / 7.0	500 / 9.5	/
HG 500-3	500	4.8	6 - 15	500 / 7.5	500 / 10.2	350 / 12.5
HG 700-2	700	4.5	6 - 15	700 / 7.0	700 / 9.5	/
HG 700-3	700	4.8	6 - 15	700 / 7.5	700 / 10.2	500 / 12.5
HG 800	800	4.6	6 - 15	800 / 7.0	800 / 9.5	/
HG 800	800	4.9	6 - 15	800 / 7.5	600 / 10.2	500 / 12.5
HG 1000	1000	5.0	6 - 15	1000 / 7.7	700 / 10.2	560 / 12.5
HG 1500	1500	5.0	6 - 15	1500 / 7.7	1000 / 10.2	700 / 12.5
HG 2000	2000	5.0	6 –15	2000 / 7.7	1400 / 10.2	1000 / 12.5
Customized	Customized	Customized	Customized	Customized	Customized	Customized

MAGICART's Folding Design –Customized 折叠款设计

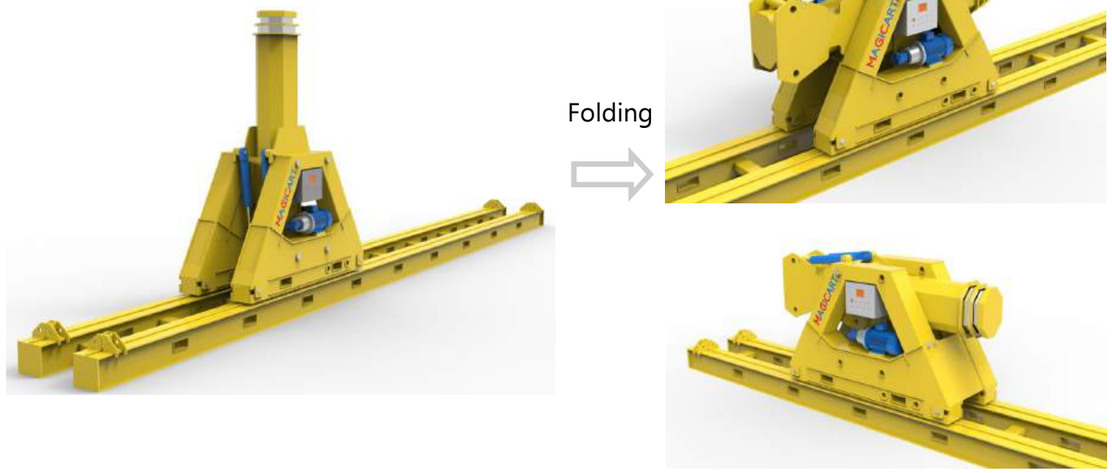
Feature of folding design

- The column can be folded into horizontal operated by remoted controller or button
- Folding design is very easy for dis-assembly & assembly, transportation for other location.

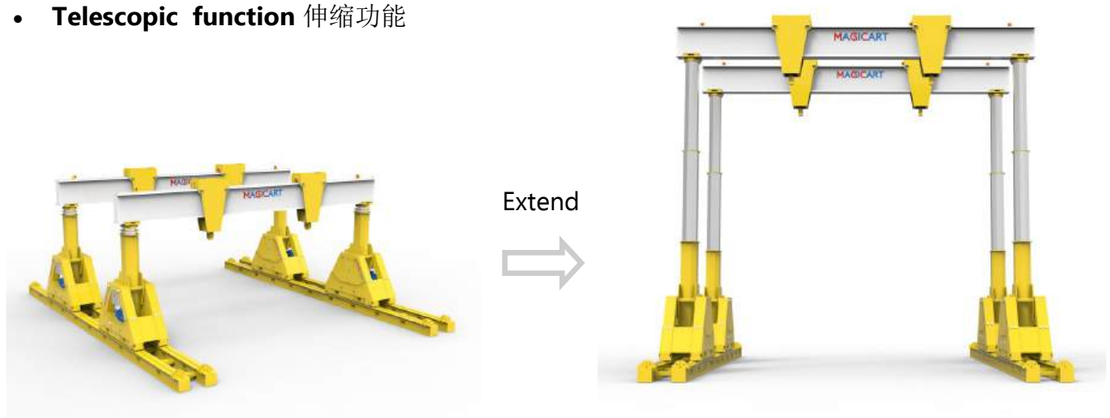


Model	Max. Load (ton)	Gantry Qty	Max. Extended Height (m)	Girder Length (m)
HG-F	**300~2000t**	2 units	8~15 Customized	6~20 Customized
Track Length (m)	**Hydraulic station qty**	**Spreader type**	**Certificate**	**Working Temperature**
Customized	4 units	Motorized	CE or customized	Customized

- **Folding function** 折叠功能



- **Telescopic function** 伸缩功能

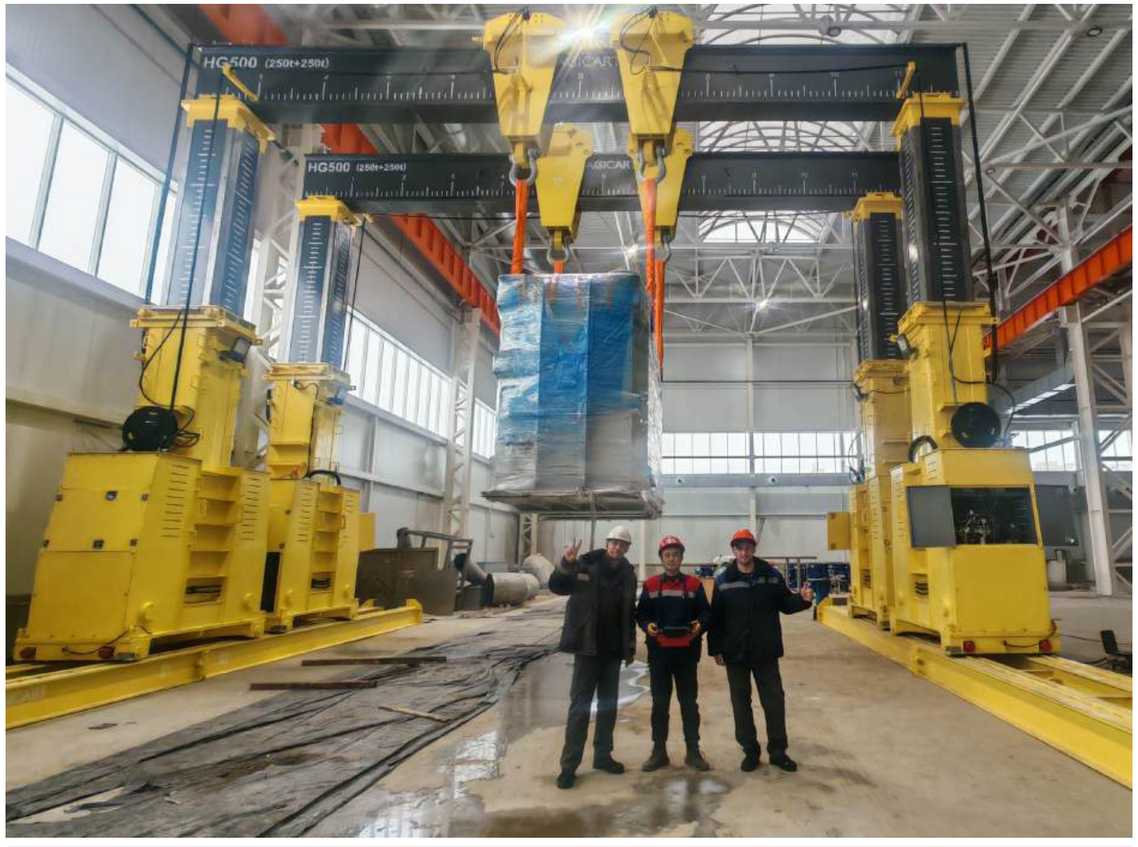


Note: for customized product, pls contact our sales engineer for specific proposal, thanks!
注意：针对定制化的产品，请联系我们的销售工程师提供专业的方案，谢谢！

HG 500 - Customized Model

定制型号

- **A special mode design for Low temperature –30℃ to 40℃**
- **For heavy Transformer Loading, Unloading, Site Assembly**



Model	Max. Load (ton)	Retracted Height (mm)	Max. Extended Height (m)	Girder Length (m)	1st Section Load / Max. Height (ton / mm)	Telescopic stroke
HG 500	500	7,202	5.5 –8.5	12	500 / 10,202	3m
Pedestal Length	**Hydraulic station qty**	**Spreader type**	**Max. Power**	**Certificate**	**Working Temperature**	**Dead Weight (ton)**
2,600 mm	4 units	Motorized	60	EAC	- 30℃ to + 40℃	109

HG 400 - Customized Model

定制型号

- **FAT – Factory Acceptance Test with load 500ton**



Model	Max. Load (ton)	Retracted Height (mm)	Max. Extended Height (m)	Girder Length (m)	1st Section Load / Max. Height (ton / mm)	Telescopic stroke
HG 400	400	7,425	11	15.5	400 / 11	4.3m
Pedestal Length	**Hydraulic station qty**	**Spreader type**	**Max. Power**	**Certificate**	**Working Temperature**	**Dead Weight (ton)**
2,600 mm	4 units	Motorized	60kw	CE	- 20℃ to + 40℃	121

- **Customized Beam & Spreader**
  定制化的梁与吊具



Special Feature 特点

1) Beam and Lifting spreader (above Girder) :

can be customized design to match the material with different shape and sizes.

2) Removed standard design:

the standard Manual or Motorized Lifting spreader can be removed

3) Special Beams:

instead of Lifting spreader, two or four Beam with customized size can be added above girders, the beams can be put parallelly or crosswise, and their location can be adjusted manually.

Note: the customer needs to provide the material's drawing / sizes / photos to allow MAGICART to make a specific proposal.

- **Strand Jack Lifting system** - customized
  定制化的钢索起升系统



Special Features

Double Lifting system as below:

① Telescopic column as standard

② Top Lifting mechanism with **Strand Jack Lifting** system designed to increase height or lowering depth

Application

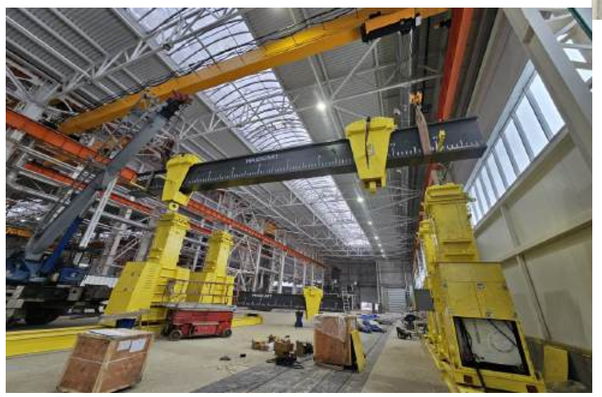
③ Special design for material lifting on a High Construction platform or from a Deep well

Why choose MAGICART?



High-Tech Advantages

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



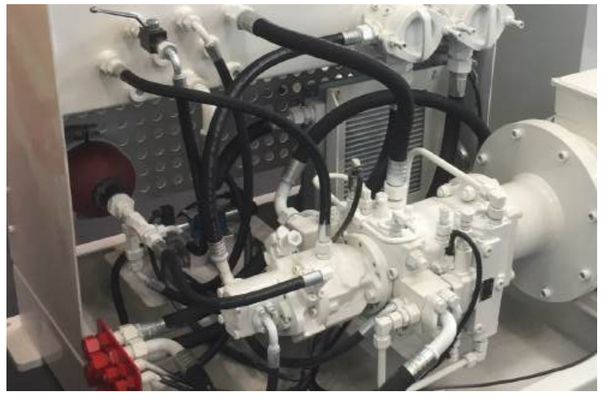
Reliable Fast Services

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



Excellent Performance

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



Guaranteed Quality

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

提 升 客 户 的 事 业
PROMOTE CLIENT'S BUSINESS MAGICART



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