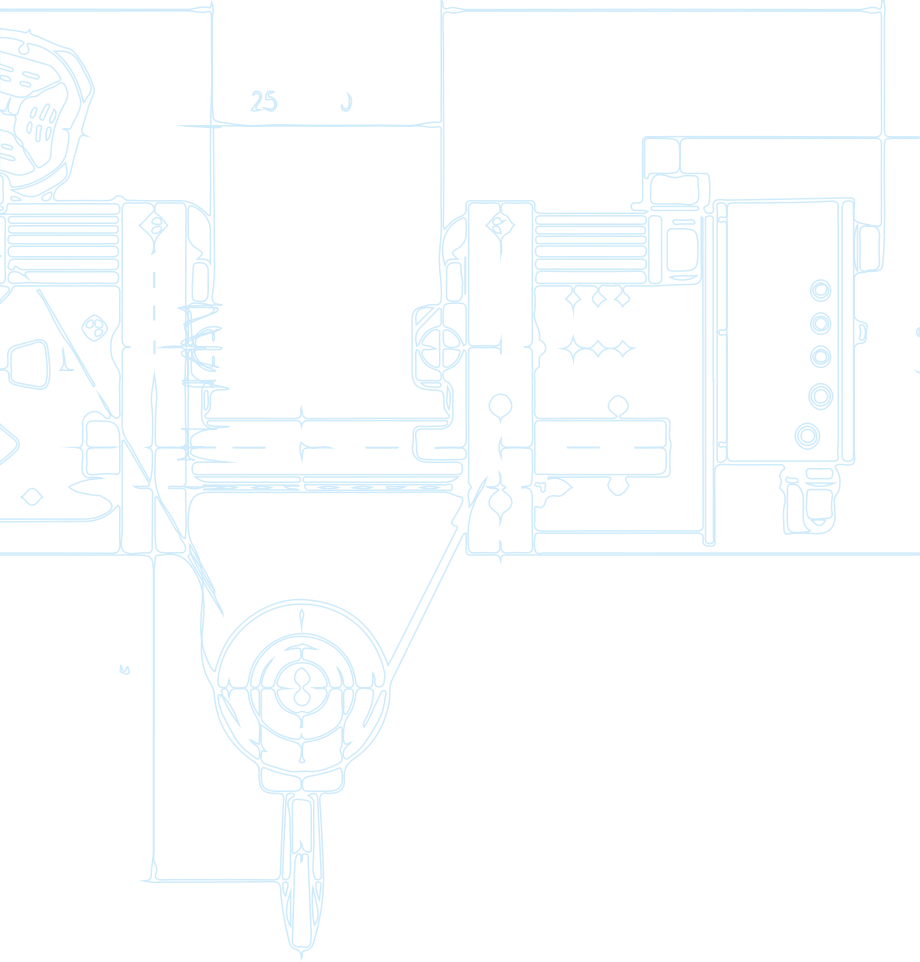




METIE ELECTRIC HOIST



全国咨询热线:

0371-60998780

河南迈特智能装备有限公司

HENAN METIE INTELLIGENT EQUIPMENT CO., LTD

地址: 河南省郑州市经开区第二大街

企业官网: www.mtznzb.com



微信公众号



微信二维码

新型电动葫芦
产品手册



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Enterprise Introduction

企业介绍

公司专注于新型起重机的研发与生产，并致力为客户提供数字化物料搬运整套解决方案。主营业务集物料搬运装备研发、设计、制造、安装、服务为一体，为产品提供全生命周期服务。

迈特智能起重装备目前拥有一个生产基地，一个创新研发中心位于河南郑州。

通过不断的研发，迈特实现了起重机的核心技术突破和拥有核心部件的制造能力。产品广泛用于钢铁冶金、轨道交通、仓储物流、能源电力、航天军工、装备制造、汽车制造等二十多个专业领域。

迈特始终坚持持续创新，助力物料搬运技术新发展。

The company focuses on the research and development and production of new cranes, and is committed to providing customers with a complete set of digital material handling solutions. The main business is the research and development, design, manufacture, installation and service of material handling equipment, providing products with full life cycle services.

Maite intelligent lifting equipment currently has a production base and an innovative R&D center located in Zhengzhou, Henan.

Through continuous research and development, Maite has achieved the core technological breakthrough of cranes and the manufacturing capability of core components. Products are widely used in more than 20 professional fields such as steel metallurgy, rail transit, warehousing and logistics, energy and electricity, aerospace and military industry, equipment manufacturing and automobile manufacturing.

Matt always insists on continuous innovation to help the new development of material handling technology.

Corporate Vision

企业愿景

为客户提供数字化物料搬运整套解决方案

Provide customers with a complete set of digital material handling solutions.

Enterprise Mission

企业使命

不断提升产品品质，为客户提升效益

Continuously improve product quality and benefit for customers.

NEW ELECTRIC HOIST

新型电动葫芦

3t 5t 10t 16t

新型设计 重量轻 免维护 更节能

减速器 REDUCER

减速机采用高品质硬齿面斜齿轮。
压铸铝合金外壳，自重轻。
全密封的箱体内存半油脂状的润滑剂，使得所有齿轮得到充分的润滑。新型设计外形尺寸小、外观美观、重量轻，运行平稳、静音。免维护设计使用寿命长。

The reducer adopts high-quality hard tooth surface helical gear.
Die-casting aluminum alloy shell, light weight.
Semi-greasy lubricant is used in the fully sealed box, so that all gears are charged.
Sub-lubrication. The new design has the advantages of small size, beautiful appearance, light weight and smooth operation.
Steady and silent. Maintenance-free design has long service life.

低碳化 LOW CARBONIZATION

节能、低碳、防摇摆、寸动、微动、定位等智能功能。

Energy-saving, low-carbon, anti-swing, inching, inching, positioning and other intelligent functions.

专业化 PROFESSIONALIZATION

新型设计、全新设计、恰到好处、重量轻、免维护。
工作级别M4-M6
全部采用变频电机，无级调速。
高性能电磁盘式制动器，防尘设计，使用寿命长。
高强镀锌钢丝绳。

New design, brand new design, just right, light weight and maintenance-free.
Working levels M4-M6
All adopt variable frequency motors with stepless speed regulation.
High performance electromagnetic disc brake, dustproof design and long service life.
High strength galvanized steel wire rope.

制动器 BRAKE

高性能电磁盘式制动器
防尘设计，使用寿命长。
断电制动，具有可靠的制动力和保持力。
制动片采用高品质摩擦材料制成。

High performance electromagnetic disc brake
Dust-proof design and long service life.
Power-off braking, with reliable braking force and retention.
Brake pads are made of high-quality friction materials.

定制化 CUSTOMIZATION

定制化产品，定制化服务，
高品质、高安全性、高可靠性、高效率。

Customized products, customized services,
High quality, high safety, high reliability and high efficiency.

标准化 STANDARDIZATION

采用标准化零部件，工厂预生产，提供灵活的功能选项，可快速交货。维护简单，零部件拆卸方便，大部件为免维护设计，使用寿命长。服务响应快，备件交货及时，可保证设备的正常运行。品质稳固、操作简单，自动化解决方案。

Adopt standardized parts, pre-produce in the factory, provide flexible functional options, and be quick delivery. Simple maintenance, convenient disassembly of parts, maintenance-free design for large parts. Long service life. Fast service response and timely delivery of spare parts can ensure the normal operation of the equipment. Run. Stable quality, simple operation and automatic solution.

控制器 CONTROLLER

集成变频器、接触器、智能监控、超载单元于一体。
电子防摇摆功能。
集成变频器、接触器、智能监控、超载单元于一体。
电子防摇摆功能,平稳起升、钢丝绳保护功能。
制动器失效保护功能
专用制动器控制功能，开、抱闸专用逻辑控制
悬停-防溜钩保护功能（闭环）恒功率控制功能
低频大转矩 具有过载保护、过热保护、过压、过流保护等功能微速、寸动功能，用于快速准确定位，安全高效。
同步控制功能，确保2台葫芦同步提升和同步行走。
限位双档双速保护 远程物联网功能 防护等级IP55
重型连接器插头、快速插接、密封性好、安全可靠。

Integrate frequency converter, contactor, intelligent monitoring and overload unit into one.
Electronic anti-swing function.
Integrate frequency converter, contactor, intelligent monitoring and overload unit into one.
Electronic anti-swing function, smooth lifting and wire rope protection function.
Brake failure protection function
Special brake control function, special logic control for brake opening and braking.
Hover-anti-hook protection function (closed loop) constant power control function
Low-frequency high-torque with overload protection, overheat protection, overvoltage, overcurrent protection, and other functions. Micro-speed and inching functions for fast and accurate positioning, ensuring safety and efficiency.
Synchronous control function, to ensure that two hoists can be lifted and walked synchronously. Limit dual-gear dual-speed protection, remote IoT functionality, IP55 protection rating.
Heavy-duty connector plug, quick connection, good sealing, safe and reliable.

电机 ELECTRICAL MACHINERY

电机为风冷式、风叶和电机外壳散热优化设计减少发热，比传统电机散热快，大幅降低电机温度。变频100Hz,最高转速达3000rpm，通电持续率不低于60%。
采用高耐热等级漆包铜线，自动化设备绕线性能可靠稳定，使用寿命长。内置热敏热保护能够防止电机出现过热现象。电机外壳采用铝合金，散热好、自重轻、外形美观。
F级绝缘防护等级IP55。全变频调速、作业效率高、同时节约能源。
高性能电磁盘式制动器，防尘设计，使用寿命长。免维护，使用寿命长。

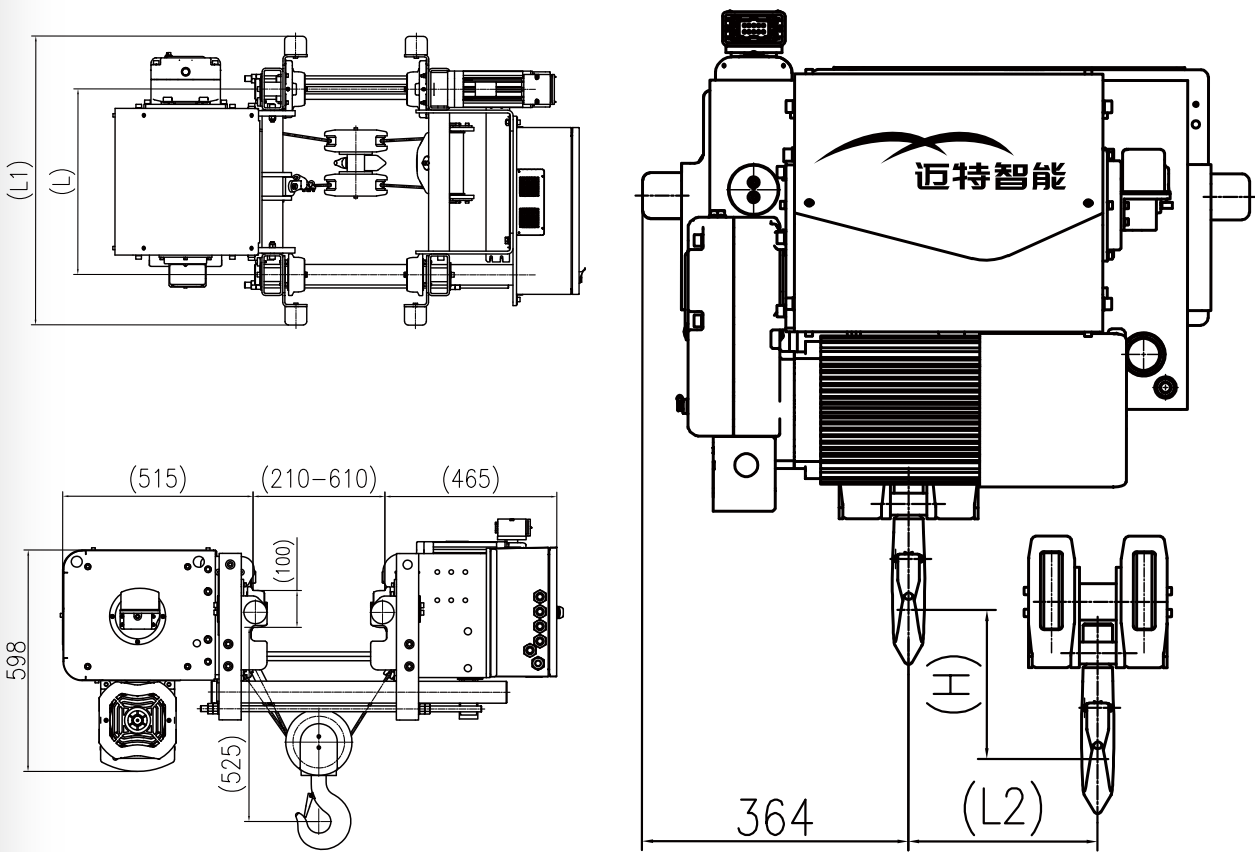
The motor is air-cooled, and the heat dissipation of blades and motor shell is optimized to reduce heat generation, which is faster than that of traditional motors and greatly reduces the motor temperature. The frequency conversion is 100Hz, the maximum speed is 3000rpm, and the power-on duration is not less than 60%.
Adopt high heat-resistant enameled copper wire, the winding performance of automation equipment is reliable and stable, and the service life is long. Built-in thermal protection can prevent the motor from overheating. The motor shell is made of aluminum alloy, which has good heat dissipation, light weight and beautiful appearance.
Class F insulation protection grade IP55. Full frequency conversion speed regulation, high working efficiency and energy saving.
High performance electromagnetic disc brake, dustproof design and long service life.
Maintenance-free and long service life.



3t SINGLE BEAM LOW CLEARANCE STEEL

WIRE ROPE ELECTRIC HOIST

3t单梁低净空钢丝绳电动葫芦



起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m/M5	0.8/5 0-5	0.5/3.7(双速) 3.7 (变频)	0-20	0.65
12	2m/M5	0.8/5 0-5	0.5/3.7(双速) 3.7 (变频)	0-20	0.65
15	2m/M5	0.8/5 0-5	0.5/3.7(双速) 3.7 (变频)	0-20	0.65

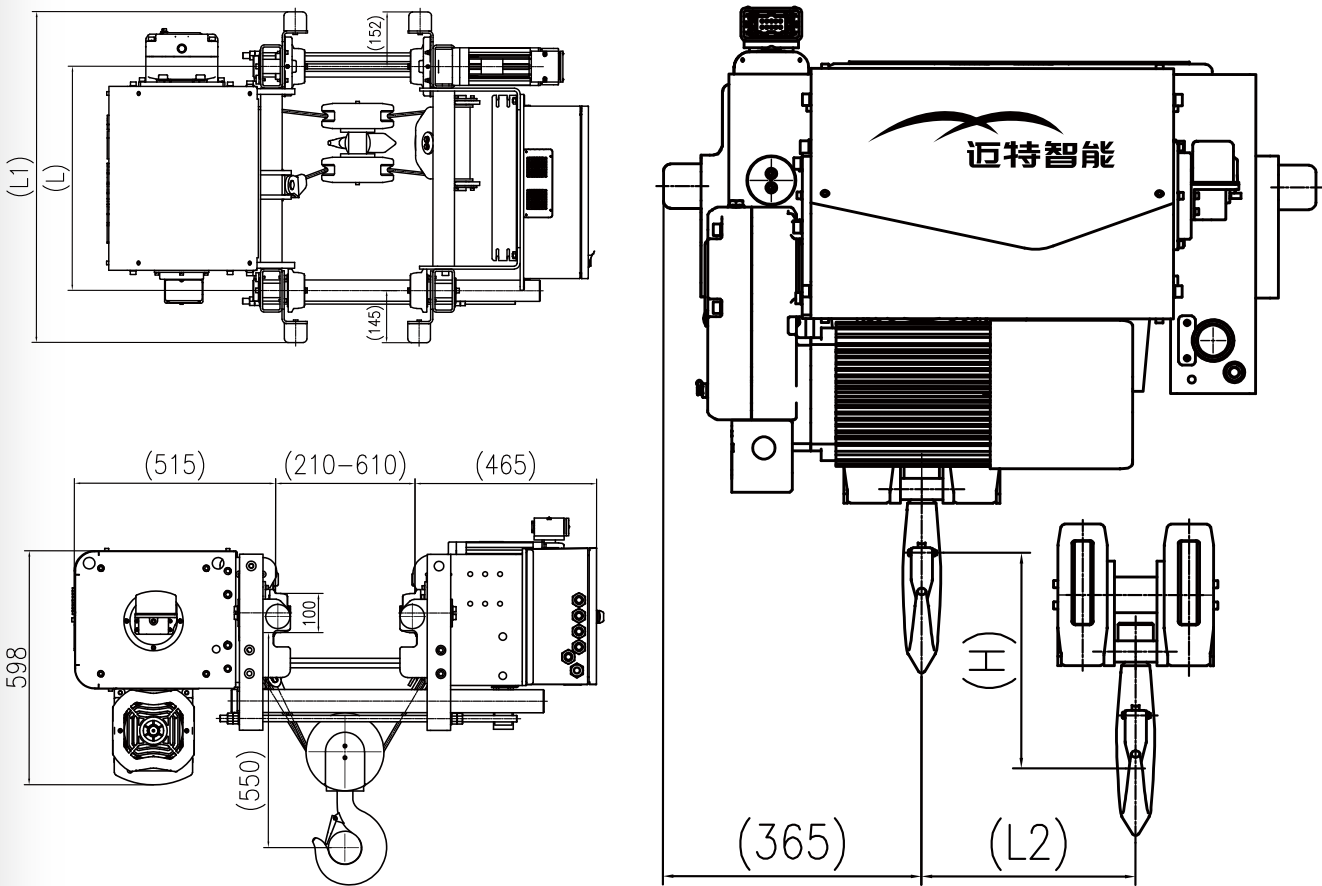
起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	534	831	45	335
12	619	916	75	352
15	704	1001	105	369

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5t SINGLE BEAM LOW CLEARANCE STEEL

WIRE ROPE ELECTRIC HOIST

5t单梁低净空钢丝绳电动葫芦



起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65
12	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65
15	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	624	921	75	352
12	734	1031	120	372
15	844	1141	165	392

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5t SINGLE BEAM
LOW CLEARANCE STEEL

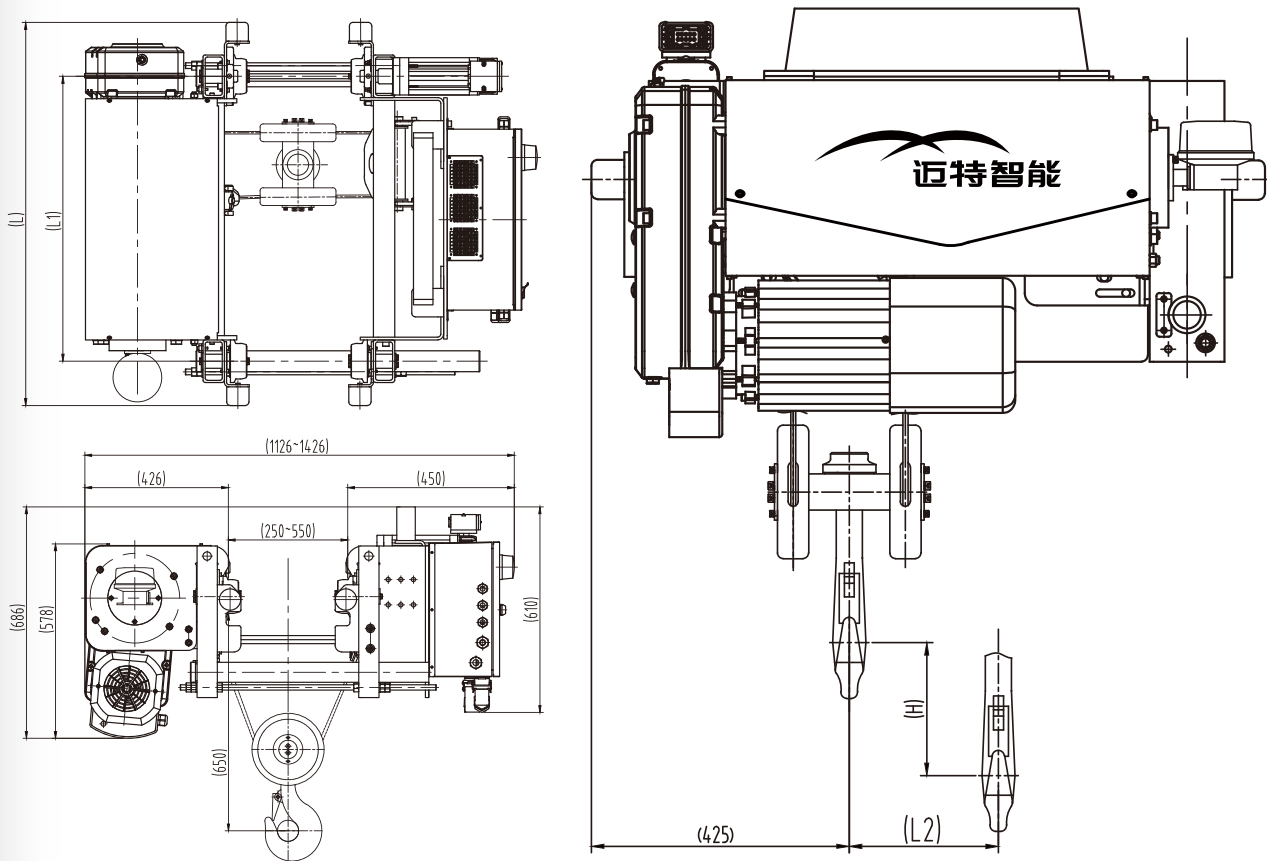
WIRE ROPE ELECTRIC HOIST

5t单梁低净空钢丝绳电动葫芦



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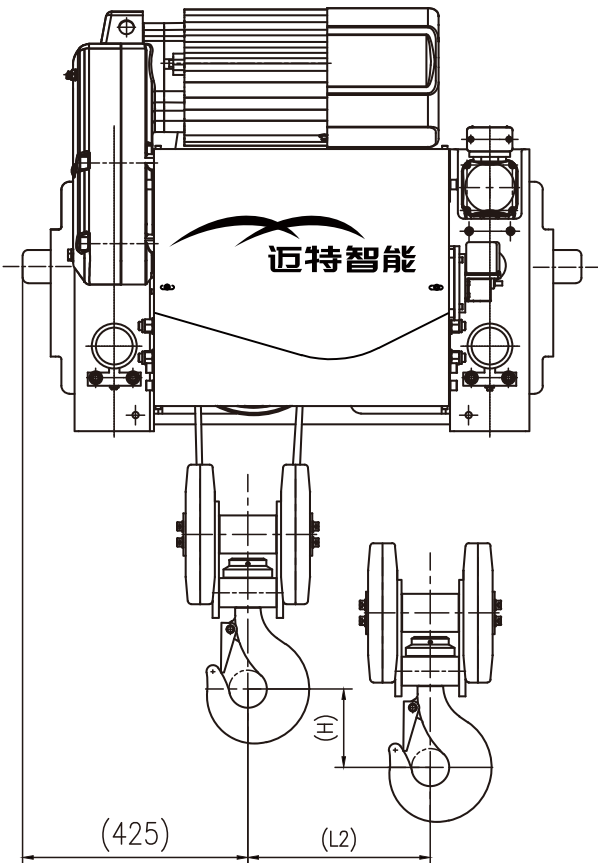
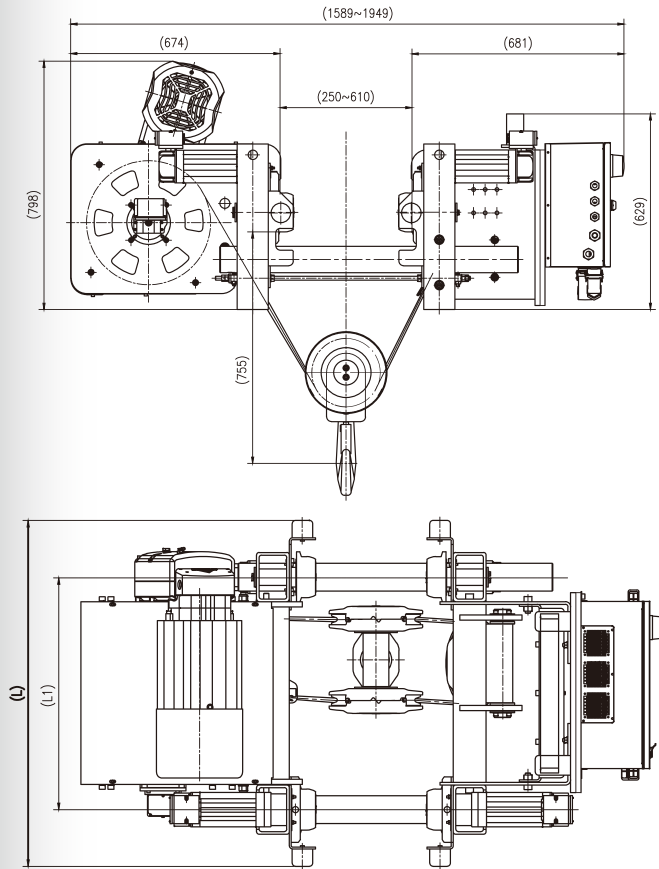
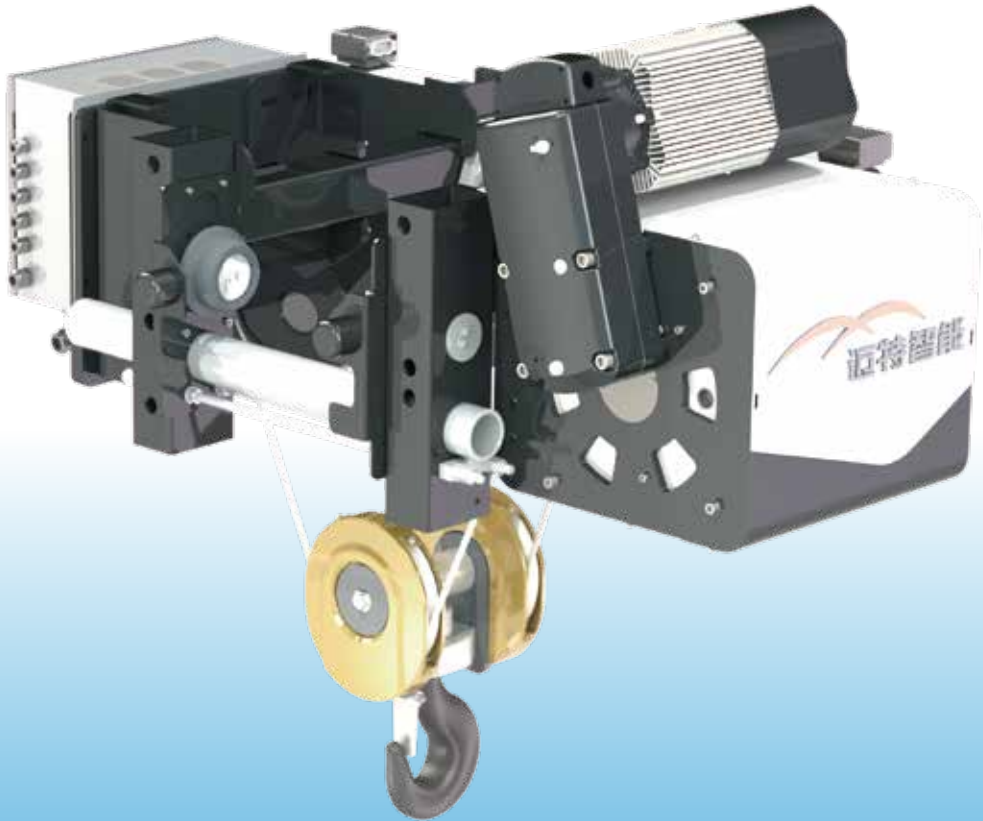
起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65
12	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65
15	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65
18	2m/M5	0.8/5 0-5	0.75/5(双速) 5 (变频)	0-20	0.65

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	1080	803	161	432
12	1250	973	208	452
15	1420	1143	248	472
18	1590	1313	290	491

10t SINGLE BEAM LOW CLEARANCE STEEL

WIRE ROPE ELECTRIC HOIST

10t单梁低净空钢丝绳电动葫芦



起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m/M5	0.8/5 0-5	1.4/9(双速) 9 (变频)	0-20	2*0.65
12	2m/M5	0.8/5 0-5	1.4/9(双速) 9 (变频)	0-20	2*0.65
15	2m/M5	0.8/5 0-5	1.4/9(双速) 9 (变频)	0-20	2*0.65

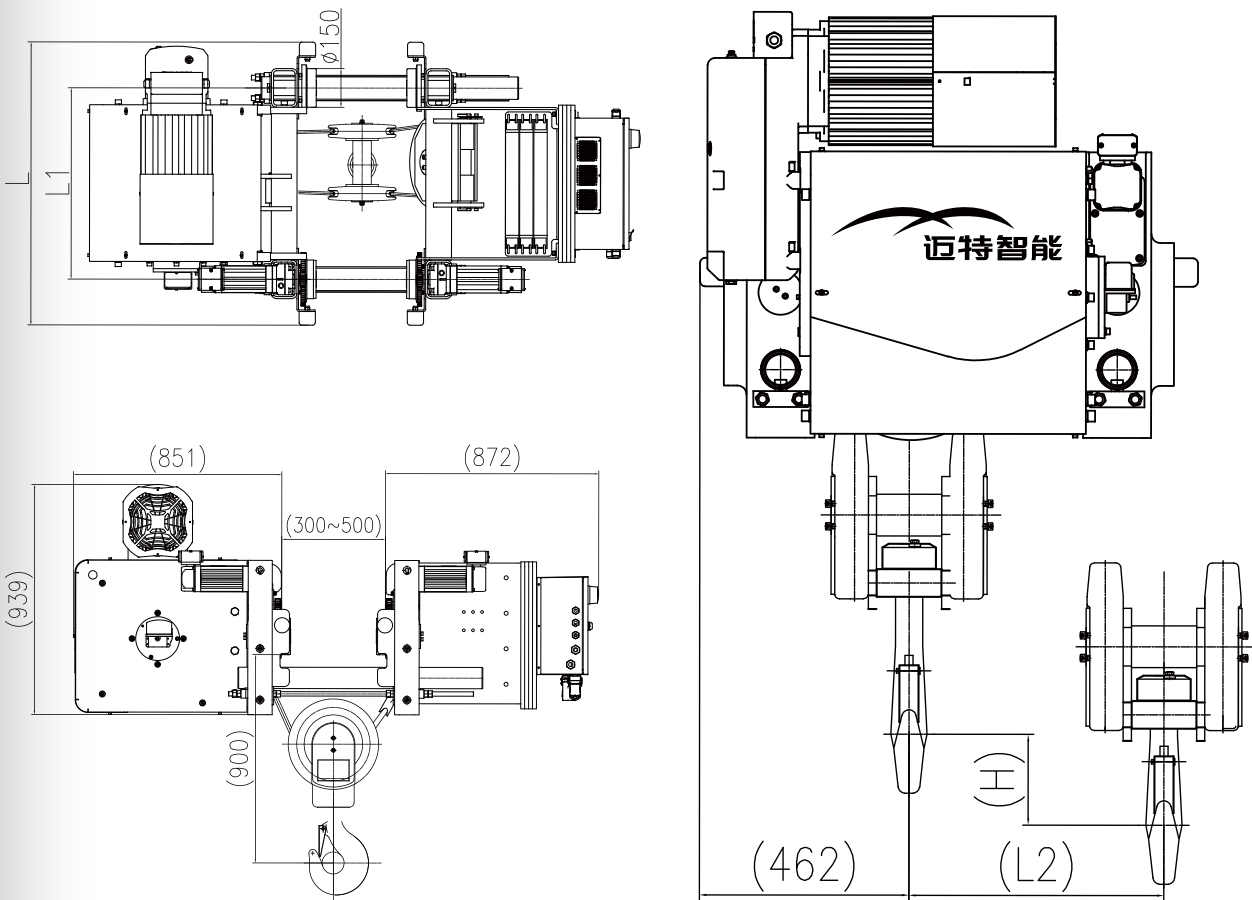
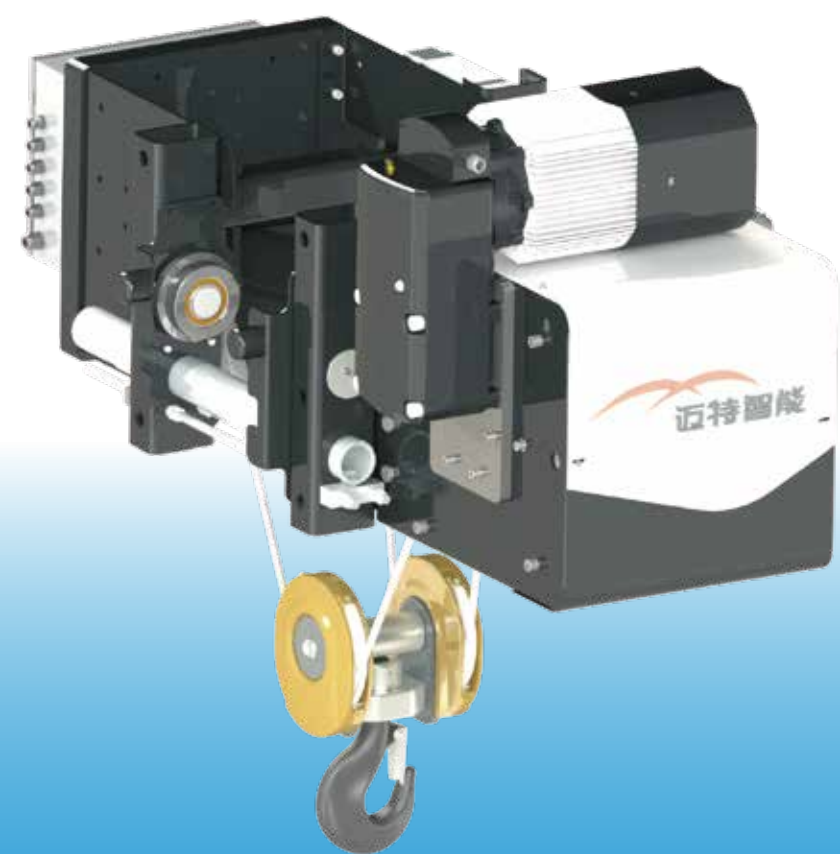
起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	1055	710	90	620
12	1185	840	120	660
15	1315	970	150	700

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16t SINGLE BEAM LOW CLEARANCE STEEL

WIRE ROPE ELECTRIC HOIST

16t单梁低净空钢丝绳电动葫芦



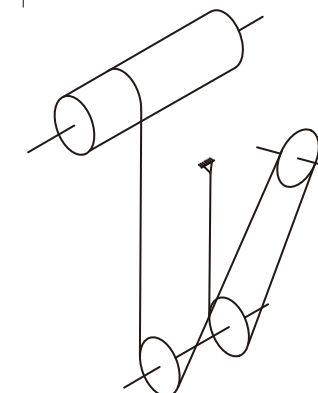
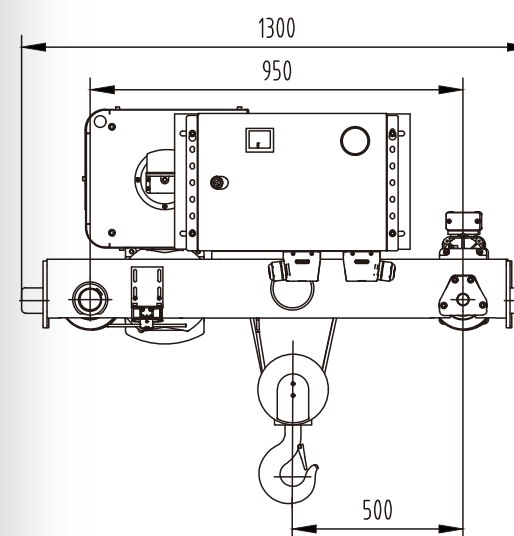
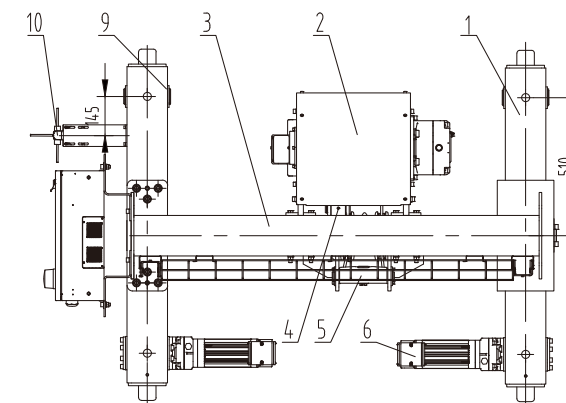
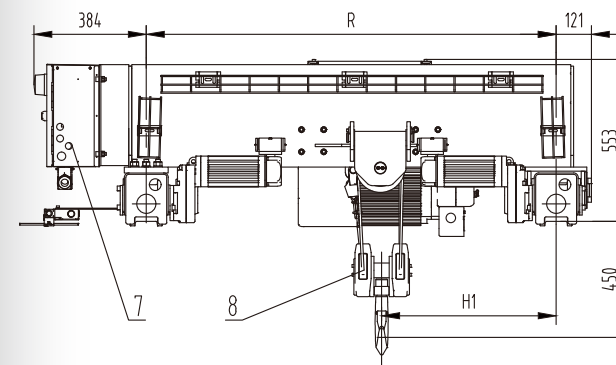
起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	1Am/M4	0.6/4 0-4	2.5/15(双速) 15 (变频)	0-20	2*1.1
12	1Am/M4	0.6/4 0-4	2.5/15(双速) 15 (变频)	0-20	2*1.1
15	1Am/M4	0.6/4 0-4	2.5/15(双速) 15 (变频)	0-20	2*1.1

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	1099	743	110	1150
12	1249	893	140	1220
15	1399	1043	185	1290

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5t DOUBLE BEAM TROLLEY

5t双梁小车



钢丝绳绕向示意图

起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m (M5)	0-5	5	0-26	2*0.3
12	2m (M5)	0-5	5	0-26	2*0.3
15	2m (M5)	0-5	5	0-26	2*0.3
18	2m (M5)	0-5	5	0-26	2*0.3

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	1400	550		442
12	1400	550		450
15	1700	1700		481
18	1700	1700		189

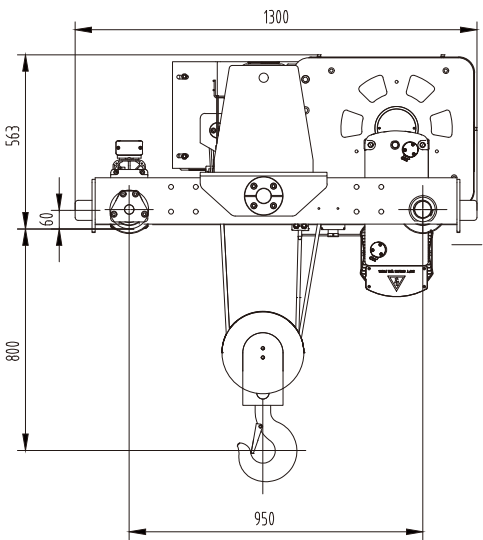
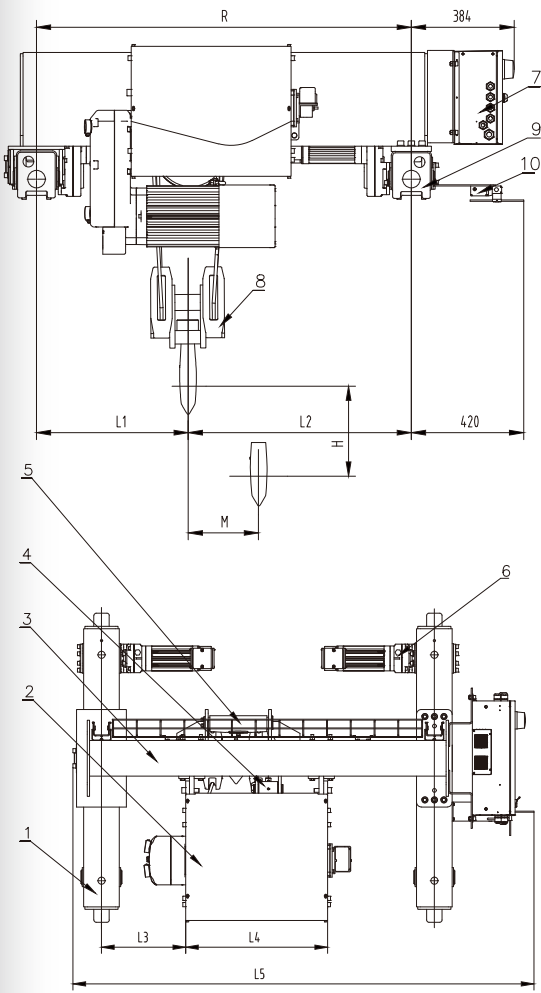
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10t DOUBLE BEAM TROLLEY

10t双梁小车

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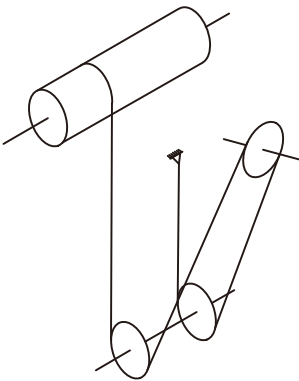
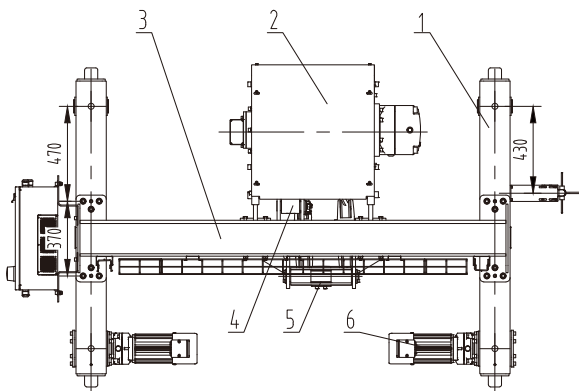
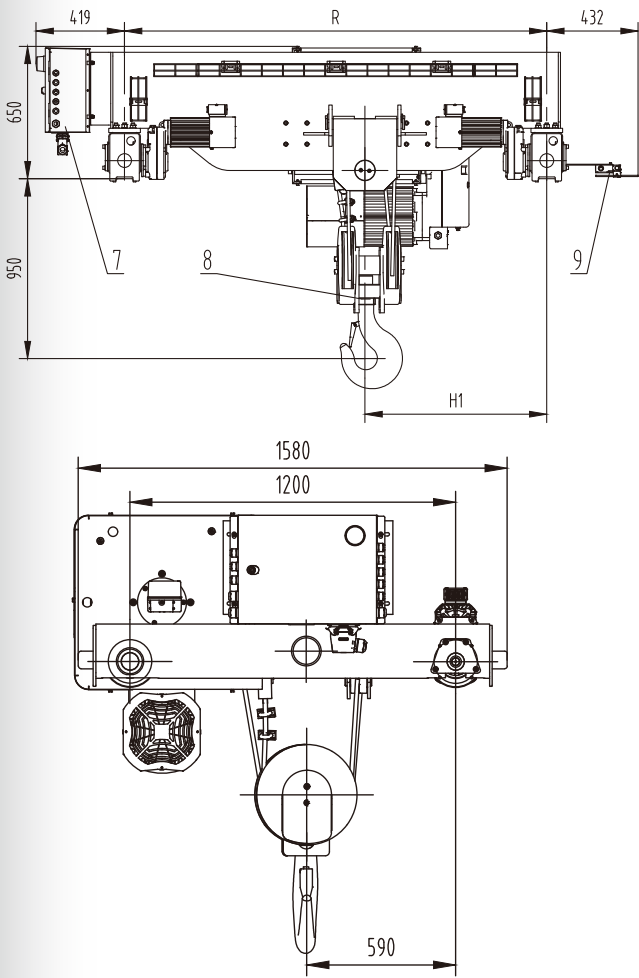
起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m (M5)	0-5	9	0-26	2*0.65
12	2m (M5)	0-5	9	0-26	2*0.65
15	2m (M5)	0-5	9	0-26	2*0.65
18	2m (M5)	0-5	9	0-26	2*0.65

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	1400	550	850	255
12	1700	650	1050	276
15	1700	650	1050	298
18	2000	800	1200	320

15t/20t DOUBLE BEAM TROLLEY

15t/20t双梁小车

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????向示意?

起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m (M4)	0-4	18.5	0-20	2*0.65
12	2m (M4)	0-4	18.5	0-20	2*0.65
15	2m (M4)	0-4	18.5	0-20	2*0.65
18	2m (M4)	0-4	18.5	0-20	2*0.65

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	2000	840		1353
12	2000	840		1403
15	2500	1090		1504
18	2500	1090		1544

25t/30t DOUBLE BEAM TROLLEY

25t/30t双梁小车

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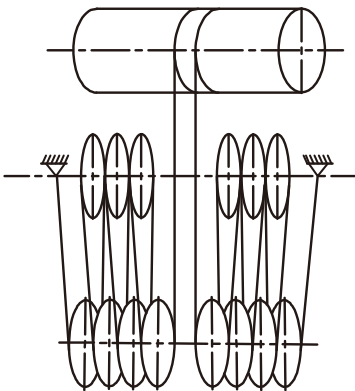
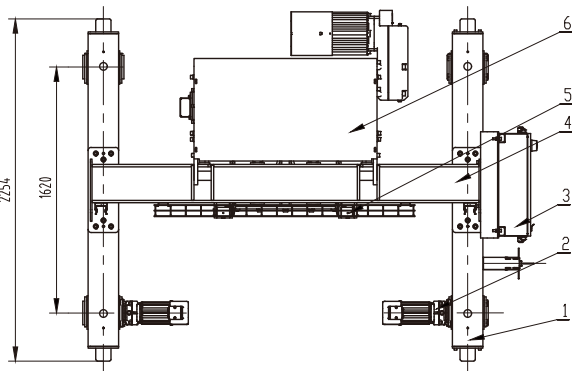
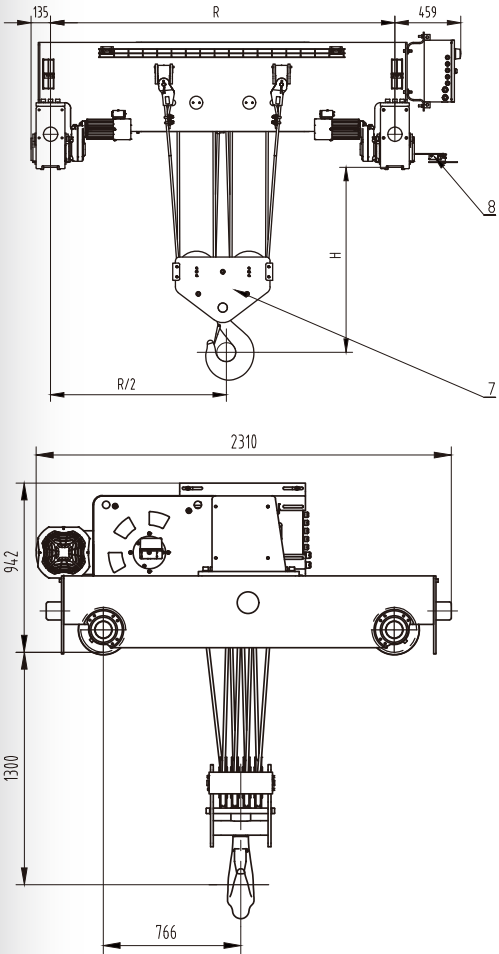
起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
9	2m (M4)	0-4	18.5	0-20	2*0.65
12	2m (M4)	0-4	18.5	0-20	2*0.65
15	2m (M4)	0-4	18.5	0-20	2*0.65
18	2m (M4)	0-4	18.5	0-20	2*0.65

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
9	2000	840		1353
12	2000	840		1403
15	2500	1090		1504
18	2500	1090		1544

32t/40t DOUBLE BEAM TROLLEY

32t/40t双梁小车

低碳化 智能化 标准化 专业化 定制化
Low carbon Intelligent Standardization Professionalization Customization



钢丝绳绕向示意图

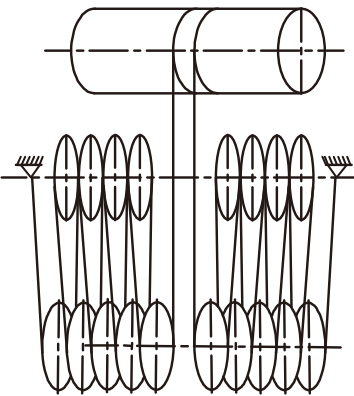
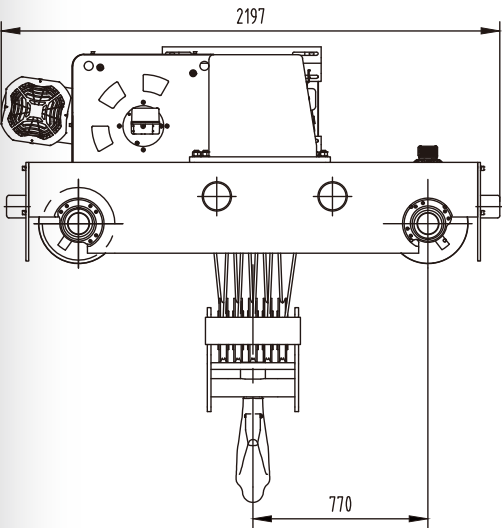
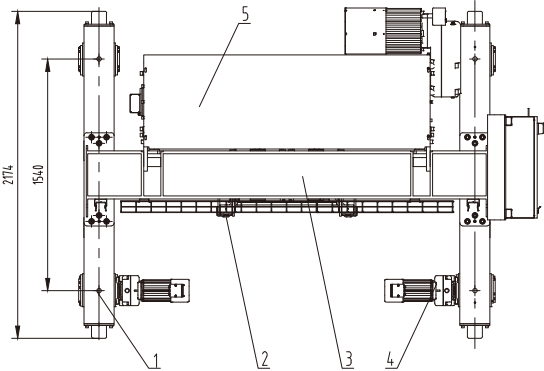
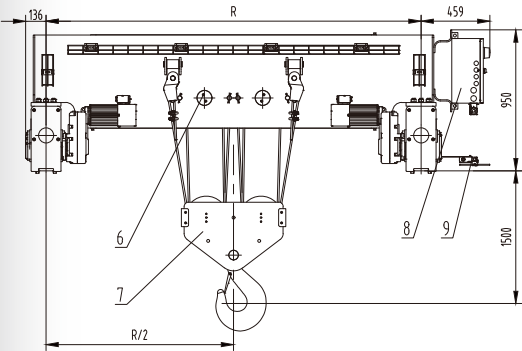
起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
7	2m (M5)	0-2.5	18.5	0-19	2*1.1
9	2m (M5)	0-2.5	18.5	0-19	2*1.1
12	2m (M5)	0-2.5	18.5	0-19	2*1.1
15	2m (M5)	0-2.5	18.5	0-19	2*1.1

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
7	2000			1980
9	2500			2601
12	2500			2973
15	2700			3101

45t/50t DOUBLE BEAM TROLLEY

45t/50t双梁小车

低碳化 智能化 标准化 专业化 定制化
Low carbon Intelligent Standardization Professionalization Customization



????向示意?

起升高度(m) Lifting height (m)	工作级别 Working level	起升速度(m/min) Lifting speed (m/min)	起升功率(kw) Lifting power (kw)	运行速度(m/min) Travelling speed (m/min)	运行功率(kw) Travelling power (kw)
7	2m (M4)	0-2	18.5	0-25	2*1.5
9	2m (M4)	0-2	18.5	0-25	2*1.5
12	2m (M4)	0-2	18.5	0-25	2*1.5

起升高度(m) Lifting height (m)	L(mm)	L1(mm)	L2(mm)	重量(kg) Weight (kg)
7	2500			1980
9	2500			2601
12	2700			2973