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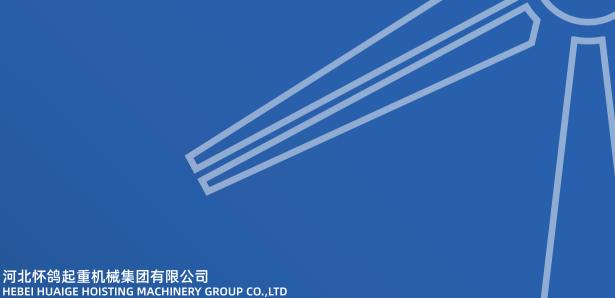






你鸽集团 能源风电起重设备

HUAIGE GROUP ENERGY WIND POWER LIFTING EQUIPMENT



M H U A I G E G R O U P

HEBEI HUAIGE HOISTING MACHINERY GROUP CO.,LTD





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ELLECTUAL PROPERTY Exported to countries a

远销国家和地区份

s ANNUAL OUTPUT

30万+

河北怀鸽起重机械集团有限公司,始于1980年,根植于燕赵大地,历经了40年峥嵘岁月,20年的快速发展历程脱颖而出的起重机械制造企业,是一家专业致力于起重机械设备配套产品研究、开发、生产、销售服务为一体的现代化企业,公司主要生产:起重葫芦、智能吊机、数控设备、物流搬运装备、链条索具及配套产品,年产量已达30多万台(套)。产品远销50多个国家及国内大部分地区。服务于舞台吊装、工业吊装、能源风电和物流装配等领域,并提供智能化解决方案和成熟的配套产品,深耕全球市场。

发展创新是怀鸽的经营理念;诚信经营是怀鸽的文化核心;用户满意是怀鸽的永恒追求!

今日怀鸽集团已先后获得电动葫芦特种设备型式试验证书、电动葫芦防爆合格证书、电动葫芦欧盟CE证书、电动葫芦欧盟专利证书,手拉葫芦手扳葫芦获得德国GS认证、欧盟CE认证、手拉葫芦防爆合格证书,单轨行车和起重链条分别通过欧盟CE认证。公司还获得高新技术企业证书、河北省专精特新企业证书,成功获得ISO9001质量管理体系认证、自营进出口权生产企业等多项荣誉。公司还被评为中国重型机械协会起重葫芦分会会员单位、中国轻型起重机械协会常务理事单位、中国机电产品进出口商会会员单位、中国演艺设备技术协会理事单位。公司累计授权国家专利45项,其中发明专利2项,《怀鸽》商标历经15年品牌沉淀于2017年被评为河北省优质产品称号。

怀鸽集团拥有先进起重链条生产线、起重电机全自动下线生产设备。公司引进CNC数控加工中心和数控车床。公司拥有流程化定制设计的手动葫芦生产线和智能化电动葫芦生产线,电机全自动检测设备和电动葫芦出厂检测型式检验智能设备。公司检验中心拥有原材料光谱分析仪、盐雾试验机、超声波探伤仪、硬度计、偏摆仪、疲劳测试机等。还拥有300吨卧式拉力试验机和100吨万能材料试验机。怀鸽集团将以先进的生产设备和完善的检测技术响应中国制造2025计划,用工匠精神打造大国之重器。

明天的怀鸽,将建设成为设备现代化、管理科学化、产品专业化、经营网络化的国际品牌企业。

抚今追昔,感慨万千。昨日的荣誉、光环、鲜花、掌声都已属于过去,今后的怀鸽任重而道远。雄关漫道真如铁,而今迈 步从头越。我们要把成绩化作动力,把豪情当作起点,把目标定的更高更远!

COMPANY PROFILE

Hebei Huaige Hoisting Machinery Group Co.,Ltd. was founded in 1980 in Baoding. Today, the Huaige is a global player. Its main development and production facility in China, offers future-oriented solutions with various hoists and other lifting tools for a wide range of applications.

As a famous hoisting tools manufacturer, we have assembled the most complete & professional Testing Line in hoisting field in China. Every product will be perfact both in performance and appearance.

For hoisting, moving, pulling, driving and conveying, our Huaige lifting means, Huaige Electric Hoists, Manual Hoist, Lever Hoists, Chain, Hand Pallet Truck also other hoisting tools are a guarantee of quality, innovation and safety. Each product we produced was inspected by our experienced technician who had over 40 years research and producing experience, and we also use strict quality control testing system to ensure the products' stability and durability.

Our Huaige family has an annual turover of 58 million USD, and currently has over 200 employees working in our production facilities, and we extended our business in over 50 countries worldwide. Huaige has certification covering all its main products, including CE GS INTERTEK UL CNEX ISO9001, and has 45 patents not only in China, but also in the world.

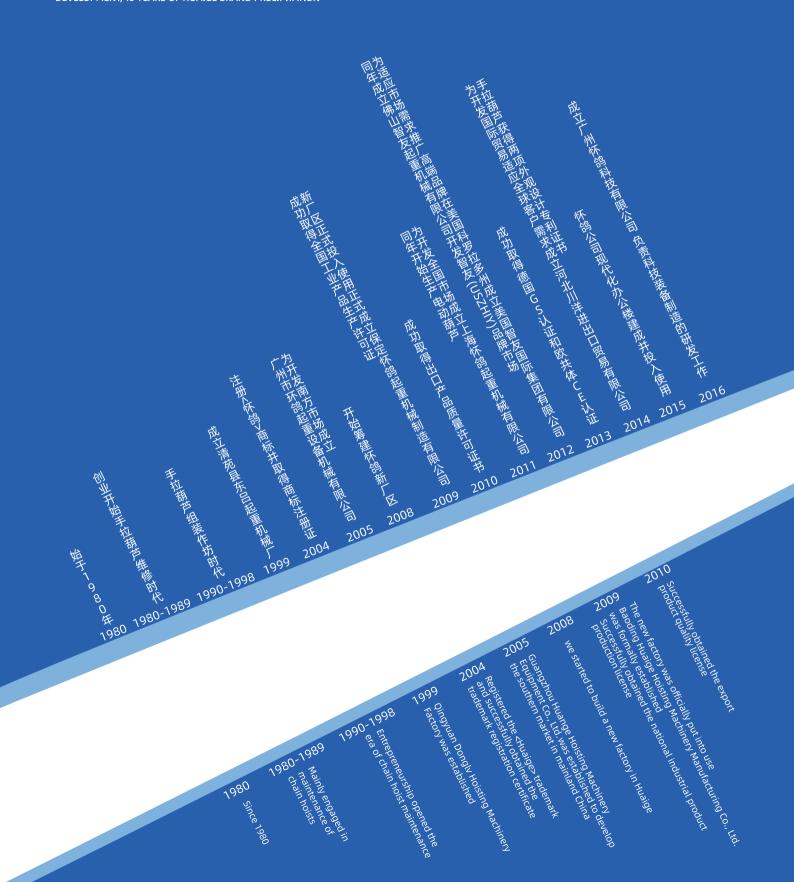
In Tradition of Dynamic Innovation "that is in the tradition of a modern and dynamically growing family organization, the Huaige Group has officially been nominated as a Hidden Champion of the 21st Century because we are in our defined sectors worldwide leader in quality and technology.

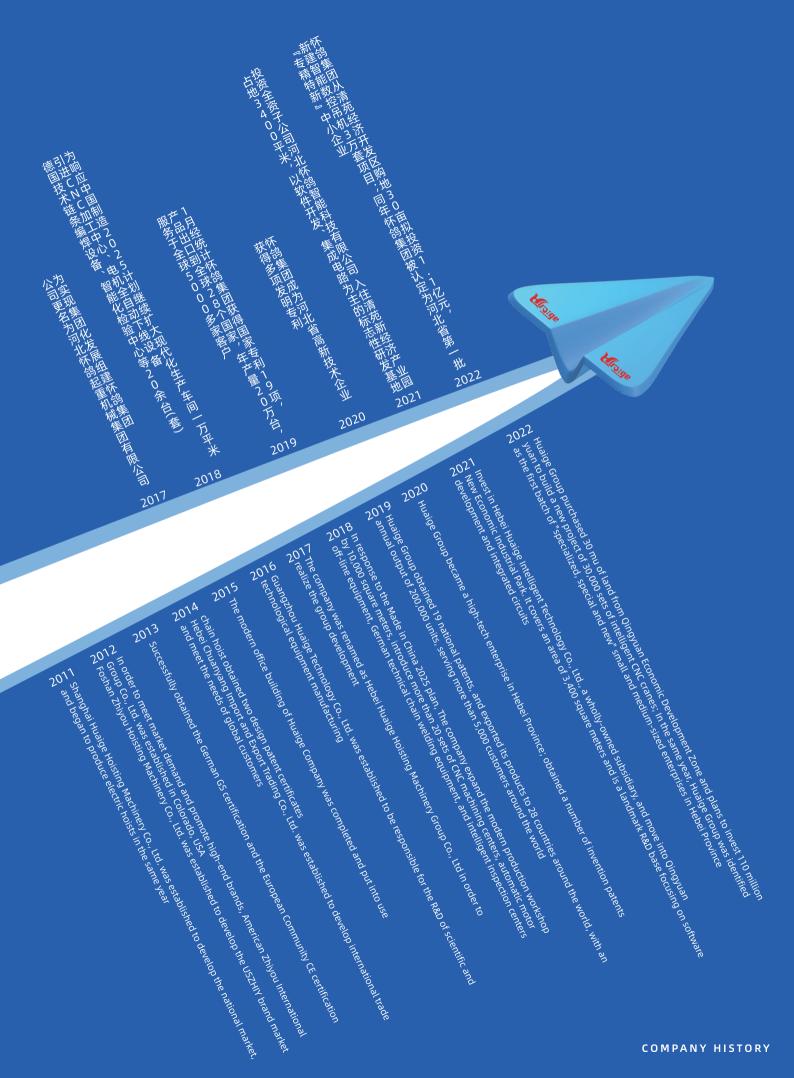
发展历史

COMPANY HISTORY

始于1980年,40年峥嵘岁月, 20年快速发展历程,15年怀鸽品牌沉淀

STARTED IN 1980, 40 YEARS OF EXTRAORDINARY YEARS, 20 YEARS OF RAPID DEVELOPMENT, 15 YEARS OF HUAIGE BRAND PRECIPITATION







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19/20	CERTIFICATE 荣誉证书	

SU-F1风机专用电动葫芦

SU-F1 WIND TURBINES ELECTRIC HOIST $\boldsymbol{\epsilon}$



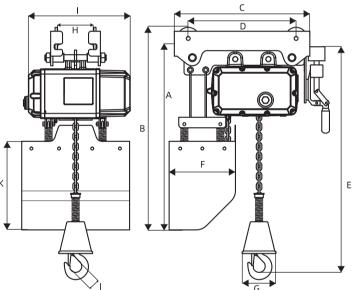


- 结构紧凑,体积小,适用于风机舱内小空间作业
- 可根据使用环境与手推跑车、电动跑车自由组合使用
- 全铝机身耐腐蚀, 防护等级IP65
- 采用标配低压24v双速手柄控制, 使用更安全
- 免维护减速箱多层斜齿传动,运行静音安全,齿轮箱完全采用油谷润滑, 使用寿命长
- 特种合金钢制造,双侧轴承设计,运行平稳安静
- 起重链轮五链窝设计,增加链条和起重轮接触面,减少震动和磨损
- 产品有常温型和低温型, 可满足不同的温度环境
- 设有多处振动保护装置,可适应风机舱内振动环境



- Compact structure, super small size, suitable for small space operation in the fan cabin
- It is used in combination with hand-pushed trolley and electric trolley freely according to the
 use environment
- All-aluminium fuselage anti-corrosion, protection level:IP65
- Standard low-voltage 24v dual-speed handle control, safe to use
- Maintenance-free gear reducer with multi-layer helical gear transmission, quiet and safe operation, the gearbox is completely lubricated with oil, and has a long service life
- Made of special alloy steel, dual side bearings, run smoothly and quietly
- Five sprocket design, chain sprockets increase the chain and gear contact surface to reduce vibration and chain wear
- There are normal temperature type and low temperature type of products, which can meet different temperature environments

• Equipped with multiple vibration protection devices, which can adapt to the vibration environment in the wind turbine cabin

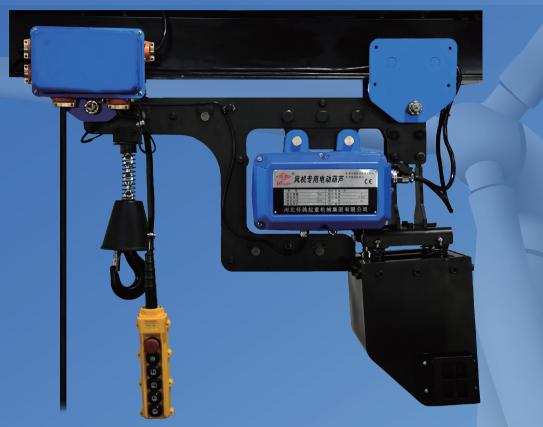


型号 MODEL	起重量 CAPACITY (kg)	电压 VOLTAGE (V/3P)	提升高度 LIFTING HEIGHT (m)	起重链条行数 CHAIN FALL NO.	提升速度 LIFTING SPEED (m/min)	功率 POWER (kw)	链条直径 LOAD CHAIN DIA (mm)
SU-F1-050	500	380-440	60-120	1	3.5/14	0.45/1.9	5
SU-F1-063	630	380-440	60-120	1	4/16	0.45/1.9	7.1
SU-F1-100	1000	380-440	60-120	1	2/8	0.45/1.9	7.1

型号				外形	尺寸口	DIMEN	SION ((mm)				无链净重	链条净重/米	毛重 G.W
MODEL	Α	В	С	D	Е	F	G	Н	J	K	I	NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	(kg)
SU-F1-050	670	735	500	390	550	240	122	90-180	26	320	390	123	0.55	171
SU-F1-063	670	735	500	390	550	240	122	90-180	26	320	390	125	1.10	215
SU-F1-100	670	735	500	390	550	240	122	90-180	26	320	390	127	1.10	217

SU-F1-H风机专用电动葫芦

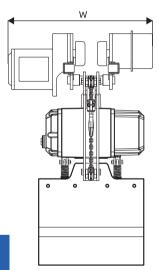
SU-F1-H WIND TURBINES ELECTRIC HOIST $\boldsymbol{\epsilon}$

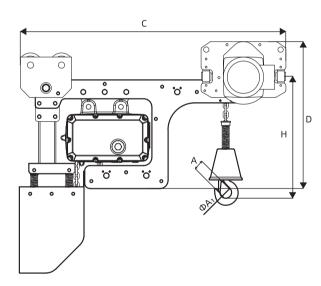


- 适用于海上风电场景
- 作为吊装工具在风力发电机内部使用
- 全铝机身防水防腐蚀, 防腐等级可达到C5-M, 防护等级IP65
- 采用标配低压24v双速手柄控制,使用更安全
- 免维护减速箱多层斜齿传动,运行静音安全,齿轮箱完全采用油谷润滑,使用寿命长
- 特种合金钢制造,双侧轴承设计,运行平稳安静
- 弹簧式方形收链桶设计,减少葫芦体积的同时大幅度的降低风机运行时震动对链条筒连接处的磨损
- 产品有常温型和低温型,可满足不同的温度环境
- 设有多处振动保护装置,可适应风机舱内振动环境



- suitable for offshore wind power scenarios
- As a lifting tool to use inside the wind turbine
- The all-aluminum shell is waterproof and anti-corrosion, and the anti-corrosion grade can reach C5-M, protection level:IP65
- Adopted standard low-voltage 24v dual-speed handle control, safer to use
- Maintenance-free gear reducer with multi-layer helical gear transmission, quiet and safe operation, the gearbox is completely lubricated with oil, and has a long service life
- Made of special alloy steel, with double-sided bearing design, runs smoothly and quietly
- The spring-type square chain barrel design reduces the volume of the hoist and greatly reduces the wear on the connection of the chain barrel caused by the vibration of the wind turbine running.
- There are normal temperature type and low temperature type of products, which can meet different temperature environments
- Equipped with multiple vibration protection devices, which can adapt to the vibration environment in the wind turbine cabin





型号 MODEL	起重量 CAPACITY (kg)	电压 VOLTAGE (V/3P)	提升高度 LIFTING HEIGHT (m)	起重链条行数 CHAIN FALL NO.	提升速度 LIFTING SPEED (m/min)	功率 POWER (kw)	链条直径 LOAD CHAIN DIA (mm)
SU-F1-H-050	500	380-440	60-120	1	3.5/14	0.45/1.9	5
SU-F1-H-063	630	380-440	60-120	1	4/16	0.45/1.9	7.1
SU-F1-H-100	1000	380-440	60-120	1	2/8	0.45/1.9	7.1

型号 MODE			尺寸 DIMI	ENSION (r	,		无链净重 NO CHAIN NET WEIGHT	链条净重/米 CHAIN NET WEIGHT	毛重 G.W
MODEL	Α	A1	С	D	Н	W	(kg)	(kg/m)	(kg)
SU-F1-H-050	26	42	980	545	460	400-500	115	0.55	122
SU-F1-H-063	26	42	980	545	460	400-500	117	1.10	124
SU-F1-H-100	26	42	980	545	460	400-500	119	1.10	126

SU-F2风机专用电动葫芦

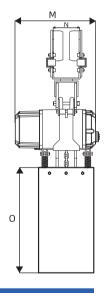
SU-F2 WIND TURBINES ELECTRIC HOIST CE

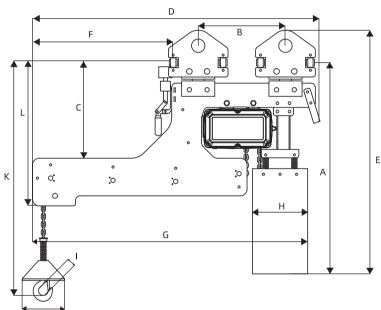


- **◎产品简介**
- 搭配双独立组合手推跑车,可顺畅的在S形工字钢上自由行走
- 全铝机身耐腐蚀, 防护等级IP65
- 采用标配低压24v双速手柄控制,使用更安全
- 弹簧式方形收链桶设计,减少葫芦体积的同时大幅度降低风机运行时震动对链条筒连接处的磨损
- 匠心设计组装式探臂滑轮墙板组,方便探出机舱外进行起重作业
- 搭配外置上下断火限位的同时增加铸铁可晃动式限位块,避免作业期间链条的晃动对葫芦的磨损
- 产品有常温型和低温型,可满足不同的温度环境;设有多处振动保护装置,可适应风机舱内振动环境



- Compact structure, super small size, suitable for small space operation in the fan cabin
- It is equipped with dual independent combined hand-pushed trolley, and can walk freely on the S-shaped I-beam smoothly
- All-aluminium fuselage anti-corrosion ,protection level:IP65
- Standard low-voltage 24v dual-speed handle control, safe to use
- The design of the spring-type square chain barrel reduces the volume of the hoist and greatly reduces the wear on the joint of the chain barrel caused by the vibration when the wind turbine is running
- Uniquely designed assembled boom pulley wall panel group ,convenient for lifting out of the engine room.
- External upper and lower power-off limiters design, add a cast iron swayable limiter, avoid wear and tear on the hoist due to chain shaking during operation
- There are normal temperature type and low temperature type of products, which can meet different temperature environments. Equipped with multiple vibration protection devices, which can adapt to the vibration environment in the wind turbine cabin





型号 MODEL	起重量 CAPACITY (kg)	电压 VOLTAGE (V/3P)	提升高度 LIFTING HEIGHT (m)	起重链条行数 CHAIN FALL NO.	提升速度 LIFTING SPEED (m/min)	功率 POWER (kw)	链条直径 LOAD CHAIN DIA (mm)
SU-F2-050	500	380-440	60-120	1	3.5/14	0.45/1.9	5
SU-F2-063	630	380-440	60-120	1	4/16	0.45/1.9	7.1
SU-F2-100	1000	380-440	60-120	1	2/8	0.45/1.9	7.1

型号						外形,	尺寸 DII	MENS	ı) NOI	mm)						无链净重	链条净重/米	毛重 G.W
MODEL	Α	В	С	D	Е	F	G	Н	J	K	I	L	М	N	0	NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	(kg)
SU-F2-050	1145	395	420	1300	1300	630	1275	250	190	830	26	650	390	120-150	650	123	0.55	171
SU-F2-063	1145	395	420	1300	1300	630	1275	250	190	830	26	650	390	120-150	650	125	1.10	215
SU-F2-100	1145	395	420	1300	1300	630	1275	250	190	830	26	650	390	120-150	650	127	1.10	217

SU-F3风机专用电动葫芦

SU-F2 WIND TURBINES ELECTRIC HOIST $\boldsymbol{\epsilon}$

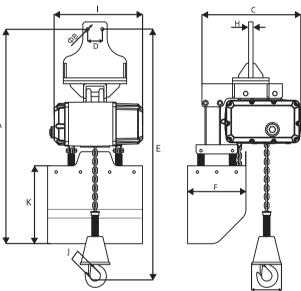
- 结构紧凑,体积小,适用于风机舱内小空间作业
- ◆ 搭配三角形组装板,使葫芦更加契合的组装在风机机舱预设安装位置上
- 全铝机身耐腐蚀, 防护等级IP65
- 采用标配低压24v双速手柄控制,使用更安全
- 分离式收链桶及弹簧式收链桶两种可选,以应对各种安装要求
- 特种合金钢制造,双侧轴承设计,运行平稳安静
- 起重链轮五链窝设计,增加链条和起重轮接触面,减少震动和磨损
- 产品有常温型和低温型,可满足不同的温度环境
- 设有多处振动保护装置,可适应风机舱内振动环境





- Compact structure, super small size, suitable for small space operation in the fan cabin
- With the triangular assembly plate, the hoist can be assembled in the preset installation position of the wind turbine cabin more fitly
- All-aluminium fuselage anti-corrosion, protection level:IP65
- Standard low-voltage 24v dual-speed handle control, safe to use
- There are two options of separate chain-retracting barrel and spring-loaded chain-retracting barrel to meet various installation requirements
- Made of special alloy steel, dual side bearings, run smoothly and sliently
- Five sprocket design, chain sprockets increase the chain and gear contact surface to reduce vibration and chain wear
- There are normal temperature type and low temperature type of products, which can meet different temperature environments

• Equipped with multiple vibration protection devices, which can adapt to the vibration environment in the wind turbine cabin



型号 MODEL	起重量 CAPACITY (kg)	电压 VOLTAGE (V/3P)	提升高度 LIFTING HEIGHT (m)	起重链条行数 CHAIN FALL NO.	提升速度 LIFTING SPEED (m/min)	功率 POWER (kw)	链条直径 LOAD CHAIN DIA (mm)
SU-F3-050	500	380-440	60-120	1	3.5/14	0.45/1.9	5
SU-F3-063	630	380-440	60-120	1	4/16	0.45/1.9	7.1
SU-F3-100	1000	380-440	60-120	1	2/8	0.45/1.9	7.1

型号			4	外形尺	了 DIM	1ENSIC	N (mr	n)				无链净重	链条净重/米	毛重
MODEL	Α	В	С	D	Е	F	G	Н	J	K	I	NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
SU-F3-050	880	2-Ф13	405	60	790	240	122	18	26	320	390	51	0.55	99
SU-F3-063	880	2-Ф13	405	60	790	240	122	18	26	320	390	53	1.10	143
SU-F3-100	880	2-Ф13	405	60	790	240	122	18	26	320	390	55	1.10	145

SU-F3-D风机专用电动葫芦

SU-F3-D WIND TURBINES ELECTRIC HOIST $\boldsymbol{\epsilon}$

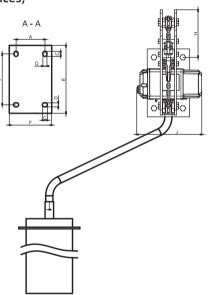
- 低净空导链装置设计, 使起升吊点更高
- 分离式收链桶及弹簧式收链桶两种可选以应对各种安装要求
- 全铝机身耐腐蚀, 防护等级IP65
- 采用标配低压24v双速手柄控制, 使用更安全
- 特种合金钢制造,双侧轴承设计,运行平稳安静
- 起重链轮五链窝设计,增加链条和起重轮接触面, 减少震动和磨损
- ◆ 搭配外置上下断火限位的同时增加铸铁可晃动式限位块, 避免作业期间链条的晃动对葫芦的磨损
- 产品有常温型和低温型,可满足不同的温度环境
- 设有多处振动保护装置,可适应风机舱内振动环境

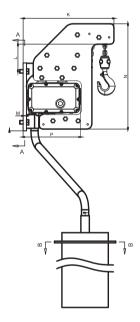




- low headroom chain guide device design, lifting point higher
- There are two options of separate chain-retracting barrel and spring-loaded chain-retracting barrel to meet various installation requirements
- All-aluminium fuselage anti-corrosion ,protection level:IP65
- Standard low voltage contactor control,24V double-speed operation voltage,making users safer
- Made of special alloy steel, dual side bearings, run smoothly and sliently
- Five sprocket design, chain sp rockets increase the chain and gear contact surface to reduce vibration and chain wear
- External upper and lower power-off limiters design, add a cast iron swayable limiter, avoid wear and tear on the hoist due to chain shaking during operation
- There are normal temperature type and low temperature type of products, which can meet different temperature environments

 Equipped with multiple vibration protection devices, which can adapt to the vibration environment in the wind turbine cabin





型号 MODEL	起重量 CAPACITY (kg)	电压 VOLTAGE (V/3P)	提升高度 LIFTING HEIGHT (m)	起重链条行数 CHAIN FALL NO.	提升速度 LIFTING SPEED (m/min)	功率 POWER (kw)	链条直径 LOAD CHAIN DIA (mm)
SU-F3-D-050	500	380-440	60-120	1	3.5/14	0.45/1.9	5
SU-F3-D-063	630	380-440	60-120	1	4/16	0.45/1.9	7.1
SU-F3-D-100	1000	380-440	60-120	1	2/8	0.45/1.9	7.1

型号					外形	尺寸।	DIMEN	ISION	(mm)				无链净重 NO CHAIN NET WEIGHT	链条净重/米 CHAIN NET WEIGHT	毛重 G.W
MODEL	А	В	С	D	Ε	F	Н	J	М	L	N	Р	K	(kg)	(kg/m)	(kg)
SU-F3-D-050	170	300	30	24	400	250	280	380	20	160	620	345	535	123	0.55	171
SU-F3-D-063	170	300	30	24	400	250	280	380	20	160	620	345	535	125	1.10	215
SU-F3-D-100	170	300	30	24	400	250	280	380	20	160	620	345	535	127	1.10	217

HG-F1风机专用电动葫芦

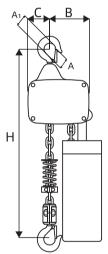
HG-F1 WIND TURBINES ELECTRIC HOIST **C €**

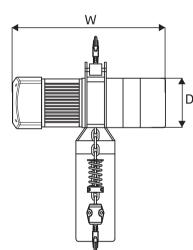
- 紧凑的上下限位开关,能够提供最大扬程
- 马达采用铝合金拉伸外壳, 强劲散热功能适应高频率作业
- 可根据风机使用场合加配固定式墙板配件、运行式跑车、 S路运行跑车等
- 镀锌起重链条可有效防止腐蚀,还有黑色链条可供选择, 8倍安全系数符合德国标准和欧洲818-7标准
- 齿轮箱由高强度铝合金压铸一体成型,轻巧、坚固、 强度更高、耐腐蚀性能好
- 吊钩采用合金钢锻造,设有防脱钩装置,吊钩可 360 度 旋转,使用安全系数高
- 安全可靠的电动葫芦刹车,设计简单,不会出现刹车线 圈故障,也不需更换刹车盘
- 产品有常温型和低温型,可满足不同的温度环境
- 设有多处振动保护装置,可适应风机舱内振动环境
- 马达带有散热风扇,适合高频率作业





- Without adjusting the compact upper and down limiter can protect the electric hoist to reache the max lift distance
- Aluminum alloy stretching shell with unique cooling function, fit for high frequency operation
- Installation methods such as fixed wall panel accessories, moving trolley, and S-road moving trolley can be added according to the wind turbine application occasion
- Galvanized lifting chains prevent corrosion, optional black chains, 8 times safety factor meeting German and European 818-7 standards
- Integrally formed gear box by high-strength aluminum alloy, die-casting, light, strong, and good corrosion resistance
- Forged alloy steel hook, equipped with an anti-decoupling device, rotated 360 degrees, and high safety factor
- Safe and reliable electric hoist brake, simple design, no brake coil failure, no need to replace the brake disc
- There are normal temperature type and low temperature type of products, which can meet different temperature environments
- Equipped with multiple vibration protection devices, which can adapt to the vibration environment in the wind turbine cabin
- Motor with cooling fan, Suitable for high frequency work





型号 MODEL	起重量 CAPACITY (kg)	电压 VOLTAGE (V/3P)	提升高度 LIFTING HEIGHT (m)	起重链条行数 CHAIN FALL NO.	提升速度 LIFTING SPEED (m/min)	功率 POWER (kw)	链条直径 LOAD CHAIN DIA (mm)
HG-F1-050	500	380-440	60-150	1	3.5/6.8	1.0	6.3
HG-F1-100	1000	380-440	60-150	1	2.7/5.4	1.5	7.1
HG-F1-200	2000	380-440	60-150	1	3/6	3	10
HG-F1-300	3000	380-440	60-150	1	5.4	3	11.2

型号 MODEL	外形尺寸 DIMENSION (mm)							无链净重	链条净重/米	毛重
	А	A1	В	С	D	Н	W	NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
HG-F1-050	24	33	120	100	155	520	495	35	0.79	83
HG-F1-100	26	43	130	110	180	600	586	41	1.1	107
HG-F1-200	32	47	165	155	225	860	587	91	2.1	217
HG-F1-300	32	47	165	155	225	900	587	95	2.6	251

荣誉证书

CERTIFICATE

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专业吊装工具制造商 professional hoisting tools manufacturer





























PATENT CERTIFICATE































