

WIRE ROPE WINCH CATALOG



The better quality guarantee
you the safety, reliability and durability.
可靠的质量确保您的安全和使用

WIRE ROPE WINCH 钢丝绳手扳葫芦



钢丝绳牵引机 | 新型/安全/可靠/耐用的起重工具



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— CARGO CONTROL SOLUTIONS —
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NEWLY / SAFETY / RELIABILITY / DURABILITY

Our target is offering you top quality products at a decent price level with superb service.

为用户提供优质的产品，为客户创造更好的利润



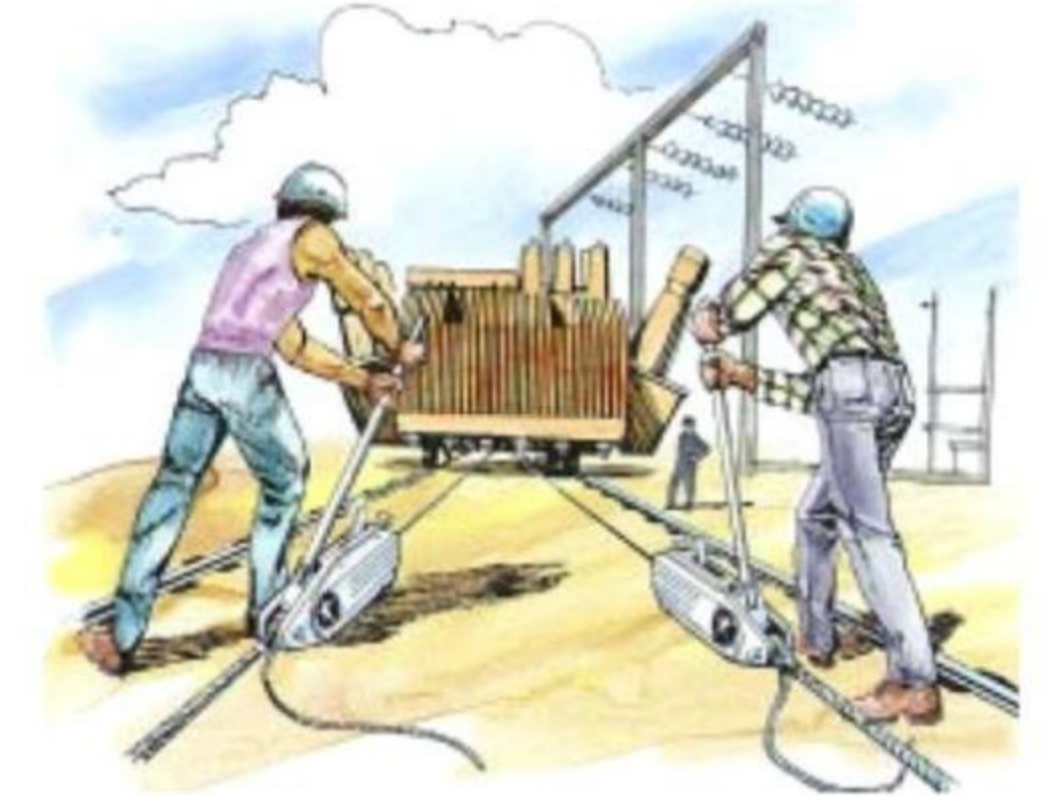
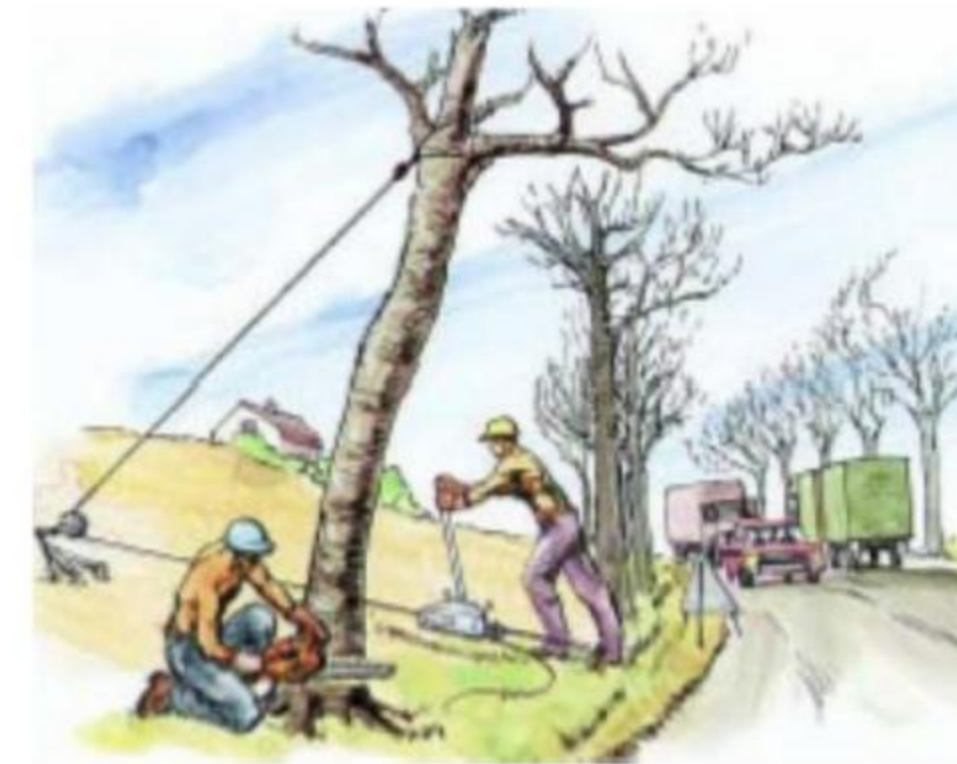
钢丝绳牵引机 | 新型/安全/可靠/耐用的起重工具



Wire rope winch ... lift, pull, lower and position

钢丝绳手扳葫芦 一款具有提升,牵引和张紧能力的设备

钢丝绳牵引机是一款新型的,高效率,安全耐用的手扳葫芦。与其他旧式环链型牵引机相比,他的使用范围更广,更适合多环境下的工作。在机器的额定起重范围内,他可以通过增加钢丝绳的长度完成更高,长距离的工作,也可以通过添加一些附件如滑轮,索具等改变他的操作位置,更加方便的移动负荷。也可以通过滑轮组或多台机器并行使用增加他的承载量。



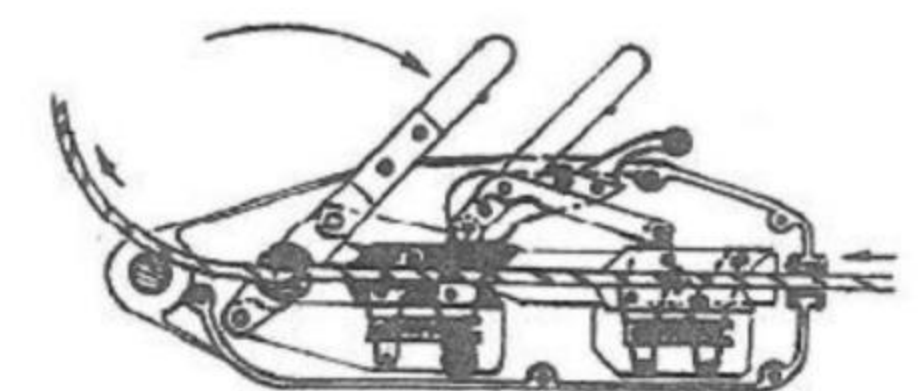
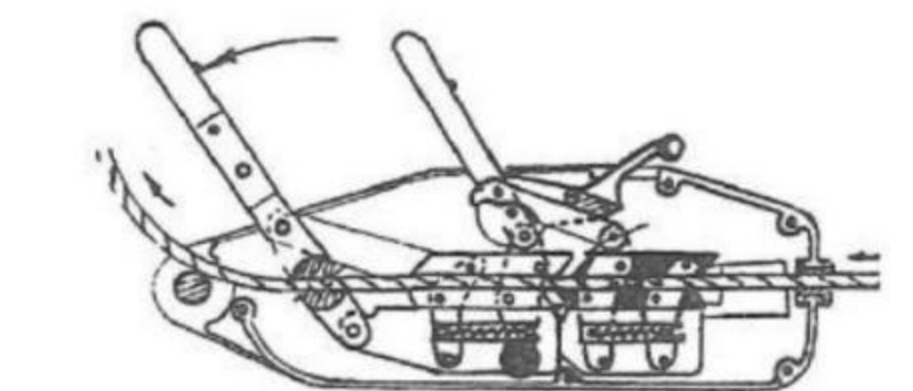
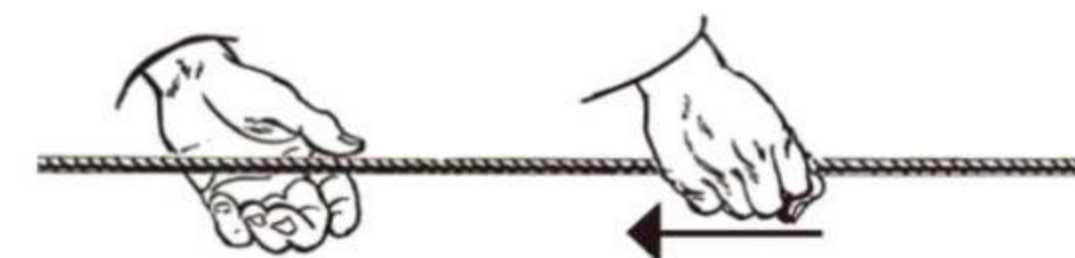
Wire Rope Puller Hoist, newly produced in our works, is a kind of hoist with high efficiency, safe and durable in service. The winches can be used for any lifting, lowering or pulling job within the rated capacity of the machine. They are particularly useful for longer pulls and higher lifts as the length of steel wire rope can be increased to suit the Job. It can also change its operating position by adding some accessories, such as pulley and rigging, so as to move the load more conveniently. It can also be increased by using a pulley block or multiple machines in parallel.

The wire rope winch principle

钢丝绳手扳葫芦的工作原理

钢丝绳手扳葫芦的工作原理可以理解就像是一个水手拉绳子,当一只手拉的时候另一只手握紧绳子控制绳子的方向,两只手就行是钢丝绳牵引机里面的两个钳口,两个钳口紧紧的握住钢丝绳并且不会损坏钢丝绳。在向前牵引时两个钳口相互交替拉动钢丝绳,在下降重物时交替的握紧钢丝绳。这种力量通过两个杠杆控制前后两个模块,一个用于正向操作一个用于反向操作,所以在任何时候负载都是安全的。

The principle may be described as "hand-to-hand", like a sailor pulling on a rope. While one hand pulls the other changes position to pull in turn. The two hands represent the 2 jaws of the wire rope winch. They grip the wire rope without damaging it, and alternately pull it during forward operation and hold it during reverse operation. The effort is transferred to the jaws by two levers: one for forward operation and the other for reverse operation. The load is held securely at all time.

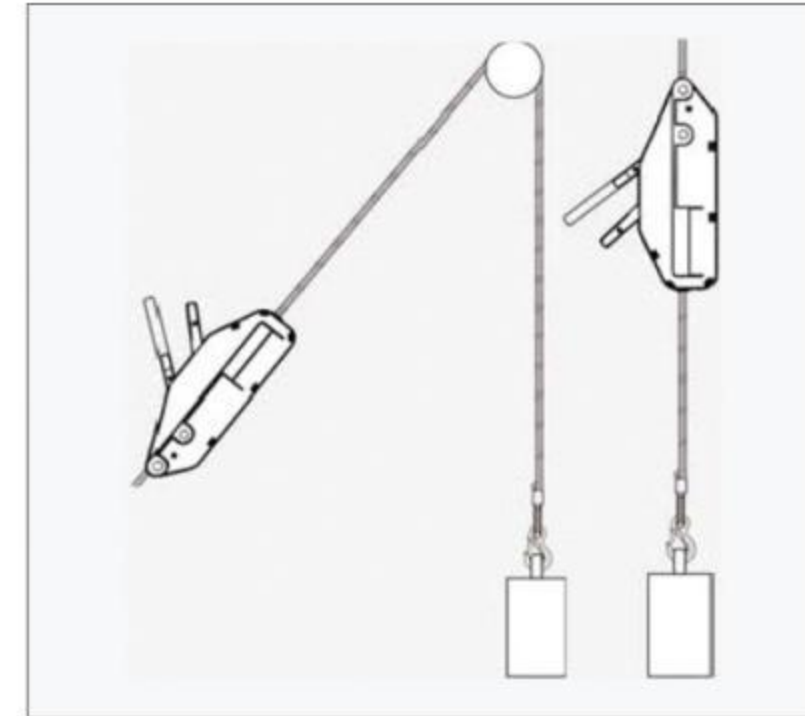


ADVANTAGES OF THE WIRE ROPE WINCH 产品优势

结构简单，功能强大 Simple structure and powerful function

安装方便快捷，可以很轻松的插入或取出钢丝绳，可以长时间进行工作，只需要将扳杆重一个手柄移动到另一个手柄就能控制钢丝绳的前进或倒退。可以在任意位置或角度完成工作。

Fast and easy installation, Simple to feed in or remove the wire rope, Continuous operation without snatching, Changeover from forward to reverse operation by transferring the operating handle from one lever to another, Works in any position horizontal, vertical or angled.



钢丝绳长度不受限制 The length of the wire rope is not limited

标准的钢丝绳长度是20米，但是用户可选择定制任意长度的钢丝绳。

Standard length of steel wire rope is 20 meters but custom lengths are available on request.

安全可靠 Safe and reliable

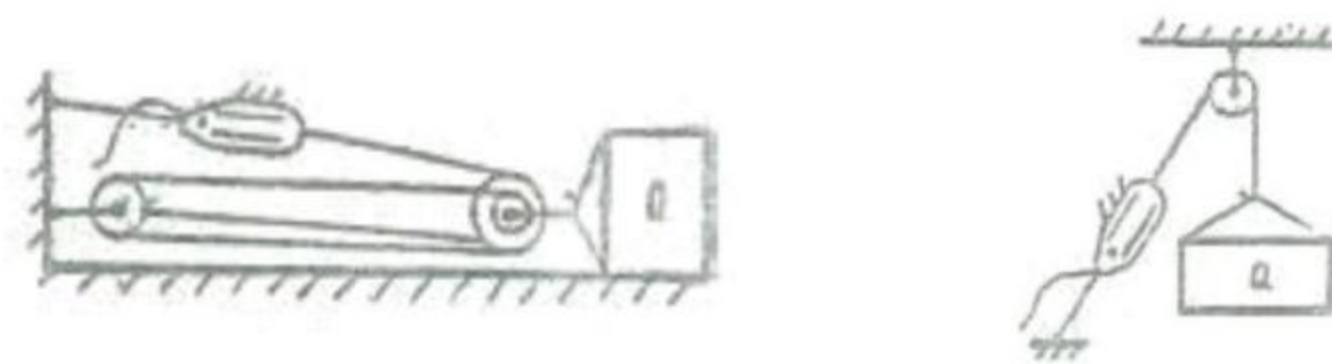
每台机器在出厂前都进行了超过额定载荷1.5倍的测试，内部钳口和连接轴都经过淬火处理，模块都经过电镀，4倍强度试拉后依然不影响产品性能。

Each winch is tested to 1.5 times of the rated capacity. The jaws and connecting axle have been quenched, and the modules have been electroplated. The performance of the products will not be affected after the four-fold strength test.

通过滑轮，增加载荷，改变受力方向 Increase the nominal capacity with multiple sheave blocks

通过与滑轮组结合使用可以增加机器的额定载荷，通过定滑轮或固定物可以改变机器的牵引方向。

The rated load of the machine can be increased with the snatch block and the traction direction of the machine can be changed by the fixed snatch block or fixed object



超载保护 safety device to prevent overloading

每台机器在它的前进手柄处都有一个铜销，当起重超额定载荷的25%时，安全销会断裂，用于防止超重。在每台机器的手柄内都配有两个安全销用于更换。

Each winch has a built in shear pin which is designed to break at approximately 25% above the working load limit, this prevents excessive over loading. The pins can be replaced without releasing the load. two spare pins are located in the carry handle.

精确到毫米的核载定位 load positioning accurate to mm

通过搬动前进和倒退手柄控制载荷的位置，因为其内部钳口之间的巧妙配合重物可以在任何位置停止。

Whether lifting or lowering, the load is permanently controlled with the utmost precision; when operation stops, the load is spread between the two jaw blocks

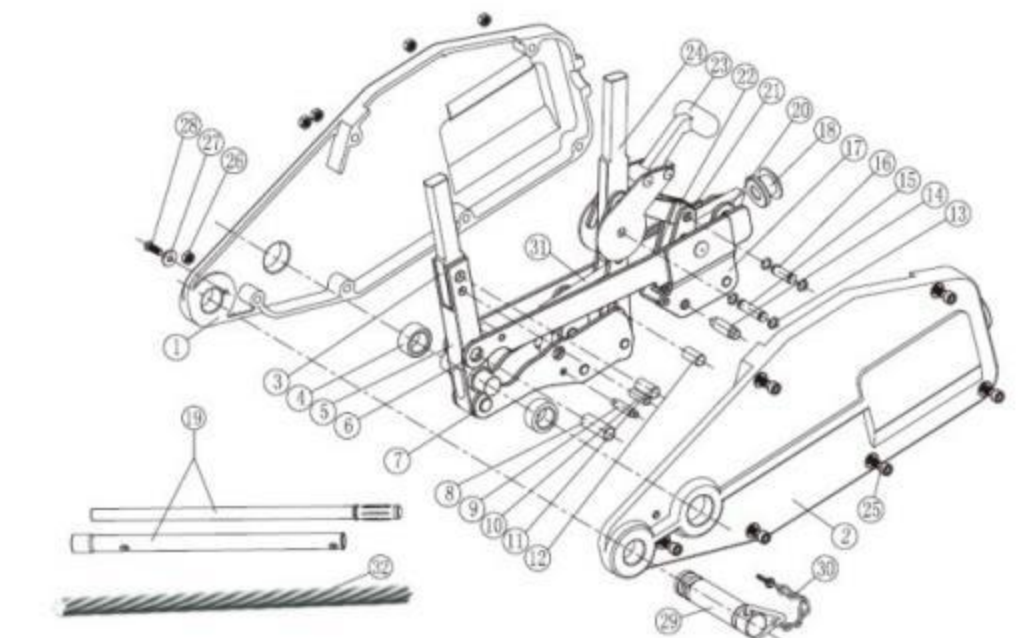
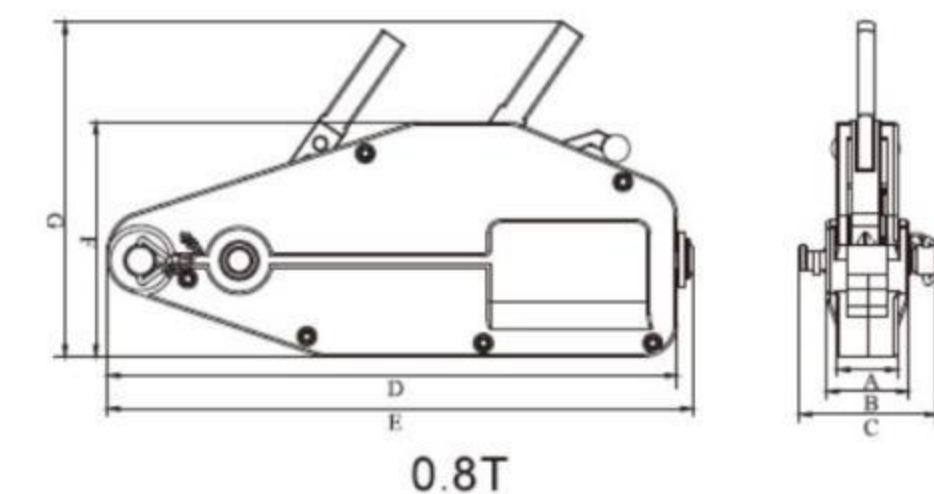
• SM-0.8T



6x19W+IWR φ8.3mm

机壳 Chassis	高强度104铝合金制造 High strength 104 aluminum alloy
外壳表面处理 Shell surface treatment	喷涂，标准为沙灰色，颜色可定制 Spray, standard for sand gray, color can be customized
内部钳口 jaw blocks	采用40Cr 淬火后硬度合适，即不损坏钢丝绳又能保障安全 Using 40Cr, Suitable hardness after quenching, That does not damage the wire rope and can ensure safety
钢丝绳 Wire rope	热镀锌，结构 6x19W+IWR-8.3MM，标配20米，强度1770Mpa，长度可定制 Hot dip galvanized, Structure 6x19W+IWR-8.3MM, The standard 20 meters, Strength 1770Mpa, length can be customized
钢丝绳吊钩 Wire rope hook	标配美式环眼吊钩，材质35CrMo，抗拉强度高。可按要求使用旋转吊钩或欧式吊钩 Standard American eye hook, material 35CrMo, high tensile strength. Swivel hook or European hook can be used as required

型号 Model No.	额定载荷 Lifting Capacity (Rated Load)	正向手扳力 Lever Pull at rated Load	额定前进行程 Forward Travel	钢丝绳直径 Wire Rope Diameter	安全系数 safety factor	最大移动载荷 Pulling Capacity	整机净重 Net Weight (Body)	20米钢丝绳净重 Net Weight (20m Wire Rope)	扳杆净重 Net Weight (Lever Handle)
SM-0.8T	800kg	332N	≥52mm	8.3mm	5	1200kg	6.4kg	7kg	1.2kg
整机尺寸 Max overall size (mm)	A	B	C	D	E	F	G		
	44	60	101	420	430	172	240		



• SM-1.6T

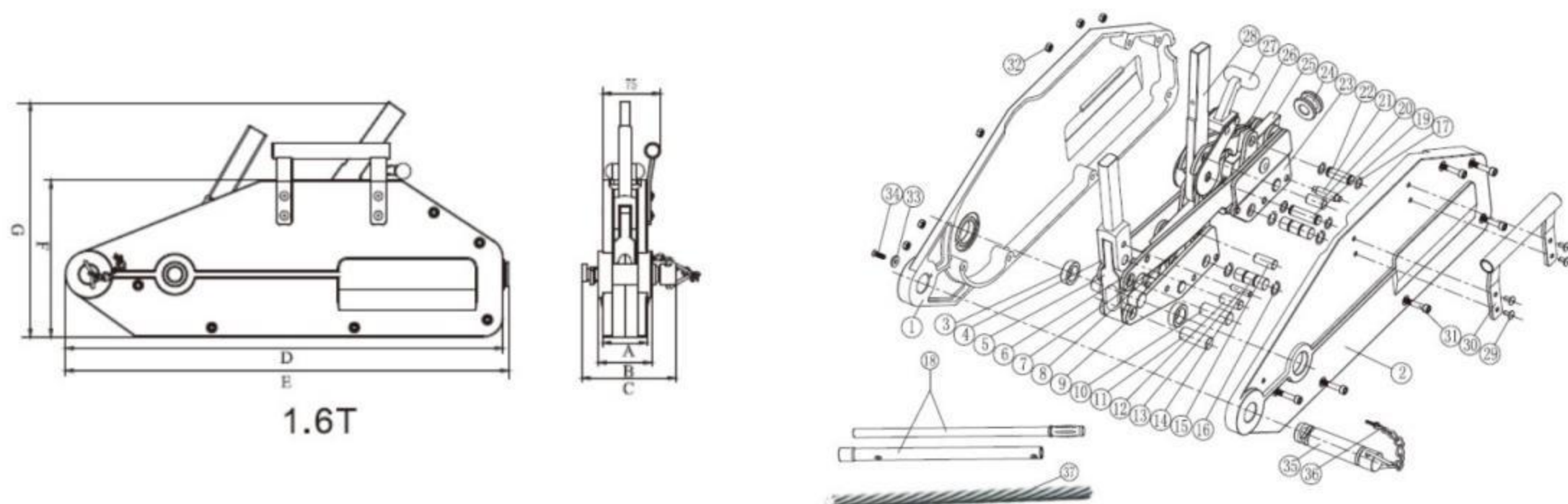


6x19W+IWR φ11mm

机壳Chassis	高强度104铝合金铸造 High strength 104 aluminum alloy
外壳表面处理 Shell surface treatment	喷涂, 标准为沙灰色, 颜色可定制 Spray, standard for sand gray, color can be customized
内部钳口jaw blocks	采用40Cr 淬火后硬度合适, 即不损坏钢丝绳又能保障安全 Using 40Cr, Suitable hardness after quenching, That does not damage the wire rope and can ensure safety
钢丝绳Wire rope	热镀锌, 结构 6x19W+IWR-11MM, 标配20米, 强度1770Mpa, 长度可定制 Hot dip galvanized, Structure 6x19W+IWR-11MM, The standard 20 meters, Strength 1770Mpa, length can be customized
钢丝绳吊钩Wire rope hook	标配美式环眼吊钩, 材质35CrMo, 抗拉强度高。可按要求使用旋转吊钩或欧式吊钩 Standard American eye hook, material 35CrMo, high tensile strength. Swivel hook or European hook can be used as required

型号 Model No.	额定载荷 Lifting Capacity (Rated Load)	正向手扳力 Lever Pull at rated Load	额定前进行程 Forward Travel	钢丝绳直径 Wire Rope Diameter	安全系数 safety factor	最大移动载荷 Pulling Capacity	整机净重 Net Weight (Body)	20米钢丝绳净重 Net Weight (20m Wire Rope)	扳杆净重 Net Weight (Lever Handle)
SM-1.6T	1600kg	445N	≥55mm	11mm	5	2400kg	12.4kg	11.5kg	2.5kg

整机尺寸 Max overall size (mm)	A	B	C	D	E	F	G		
	56	68	120	545	556	200	270		



1.6T

• SM-3.2T

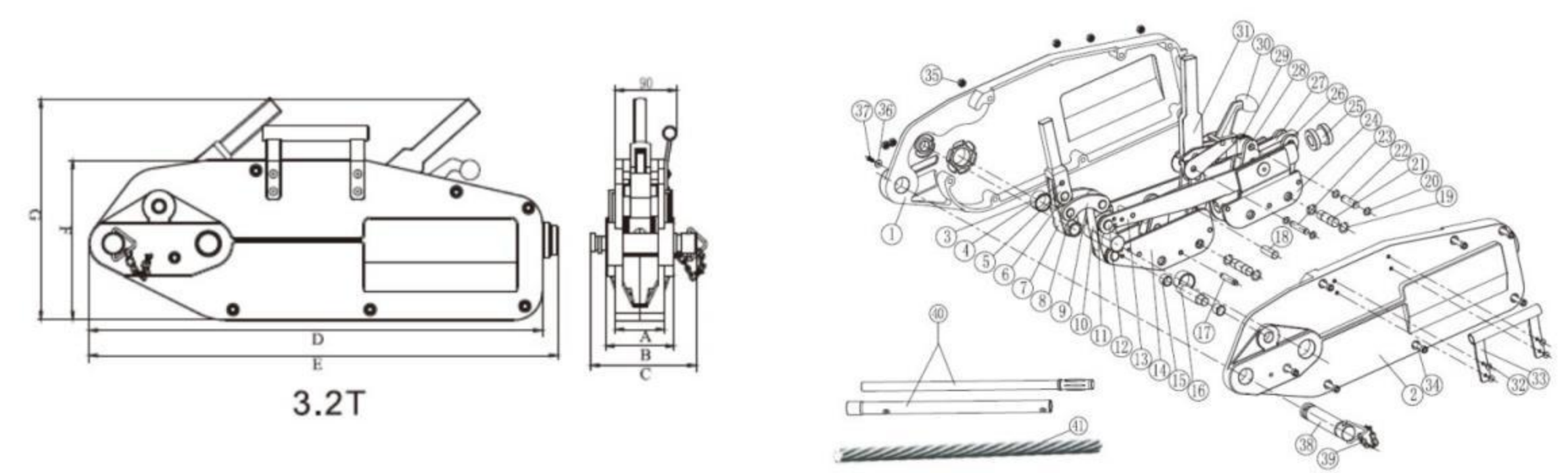


6x19W+IWR φ16mm

机壳Chassis	高强度104铝合金铸造 High strength 104 aluminum alloy
外壳表面处理 Shell surface treatment	喷涂, 标准为沙灰色, 颜色可定制 Spray, standard for sand gray, color can be customized
内部钳口jaw blocks	采用40Cr 淬火后硬度合适, 即不损坏钢丝绳又能保障安全 Using 40Cr, Suitable hardness after quenching, That does not damage the wire rope and can ensure safety
钢丝绳Wire rope	热镀锌, 结构 6x19W+IWR-16MM, 标配20米, 强度1770Mpa, 长度可定制 Hot dip galvanized, Structure 6x19W+IWR-16MM, The standard 20 meters, Strength 1770Mpa, length can be customized
钢丝绳吊钩Wire rope hook	标配美式环眼吊钩, 材质35CrMo, 抗拉强度高。可按要求使用旋转吊钩或欧式吊钩 Standard American eye hook, material 35CrMo, high tensile strength. Swivel hook or European hook can be used as required

型号 Model No.	额定载荷 Lifting Capacity (Rated Load)	正向手扳力 Lever Pull at rated Load	额定前进行程 Forward Travel	钢丝绳直径 Wire Rope Diameter	安全系数 safety factor	最大移动载荷 Pulling Capacity	整机净重 Net Weight (Body)	20米钢丝绳净重 Net Weight (20m Wire Rope)	扳杆净重 Net Weight (Lever Handle)
SM-3.2T	3200kg	441N	≥28mm	16mm	5	4800kg	21.2kg	22.5kg	2.5kg

整机尺寸 Max overall size (mm)	A	B	C	D	E	F	G		
	70	98	150	645	666	227	320		



3.2T

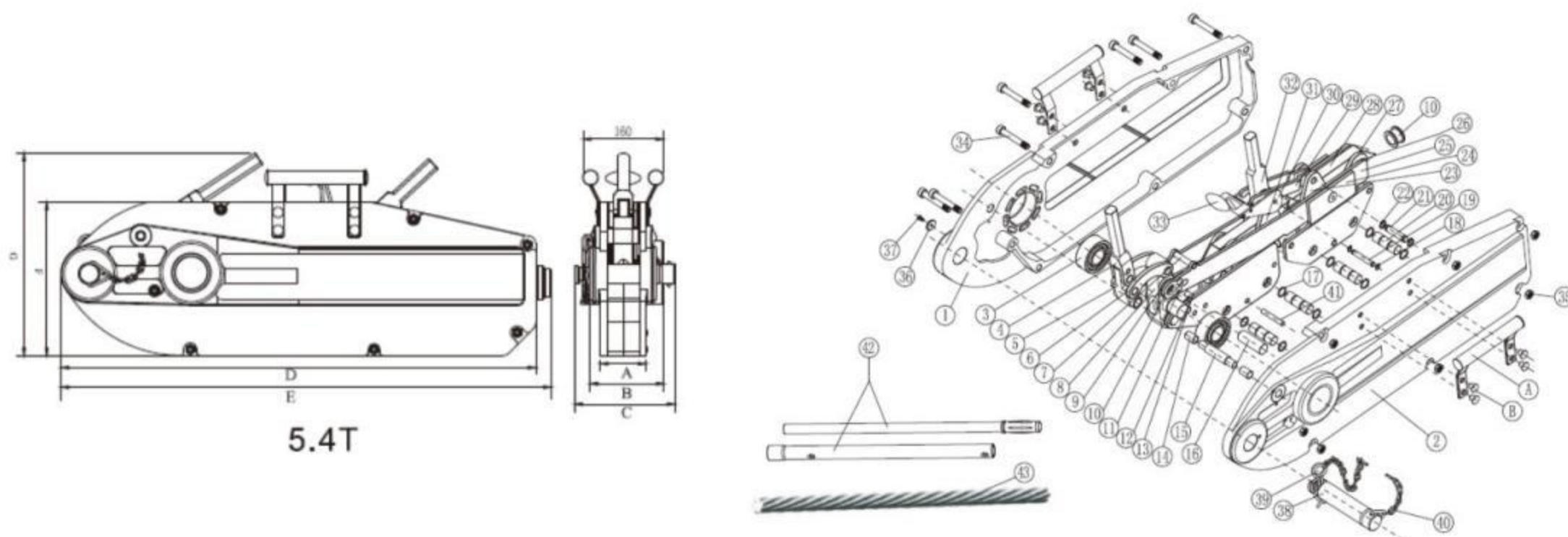
• SM-5.4T



6x19W+IWR φ20mm

机壳Chassis	高强度104铝合金铸造 High strength 104 aluminum alloy
外壳表面处理 Shell surface treatment	喷涂, 标准为沙灰色, 颜色可定制 Spray, standard for sand gray, color can be customized
内部钳口jaw blocks	采用40Cr 淬火后硬度合适, 即不损坏钢丝绳又能保障安全 Using 40Cr, Suitable hardness after quenching, That does not damage the wire rope and can ensure safety
钢丝绳Wire rope	热镀锌, 结构 6x19W+IWR-20MM, 标配20米, 强度1770Mpa, 长度可定制 Hot dip galvanized, Structure 6x19W+IWR-20MM, The standard 20 meters, Strength 1770Mpa, length can be customized
钢丝绳吊钩Wire rope hook	标配美式环眼吊钩, 材质35CrMo, 抗拉强度高。可按要求使用旋转吊钩或欧式吊钩 Standard American eye hook, material 35CrMo, high tensile strength. Swivel hook or European hook can be used as required

型号 Model No.	额定载荷 Lifting Capacity (Rated Load)	正向手扳力 Lever Pull at rated Load	额定前进行程 Forward Travel	钢丝绳直径 Wire Rope Diameter	安全系数 safety factor	最大移动载荷 Pulling Capacity	整机净重 Net Weight (Body)	20米钢丝绳净重 Net Weight (20m Wire Rope)	扳杆净重 Net Weight (Lever Handle)
SM-5.4T	5400kg	745N	≥30mm	20mm	5	8000kg	58kg	32.6kg	3.7kg
整机尺寸 Max overall size (mm)	A	B	C	D	E	F	G		
	90	160	200	935	940	300	410		



5.4T



HSS-0.8T

HSS-1.6T

HSS-3.2T

机壳Chassis	冷轧钢板中压做成, 强度高。Cold rolled steel sheet made of stamping, high strength.		
外壳表面处理 Shell surface treatment	喷涂, 镀铬。标准为沙灰色, 颜色可定制 Spray, Chrome plated. standard for sand gray, color can be customized		
内部钳口jaw blocks	采用40Cr 淬火后硬度合适, 即不损坏钢丝绳又能保障安全 Using 40 cr, Suitable hardness after quenching, That does not damage the wire rope and can ensure safety		
钢丝绳Wire rope	热镀锌, 结构6x19W+IWR 标配20米, 强度1770Mpa 长度可定制 Hot dip galvanized structure 6x19W+IWR The standard 20 meters Strength 1770Mpa length can be customized		
钢丝绳吊钩Wire rope hook	标配美式环眼吊钩, 材质35CrMo, 抗拉强度高。可按要求使用旋转吊钩或欧式吊钩 Standard American eye hook, material 35CrMo, high tensile strength. Swivel hook or European hook can be used as required		

型号 Model No.		HSS-0.8T	HSS-1.6T	HSS-3.2T
额定起重量 Lifting Capacity (Rated Load)	(tonnes)	0.8	1.6	3.2
最大起重量 Pulling Capacity	(tonnes)	1.2	2.4	4
正向前手扳力 Lever Pull at rated Load	(N)	284	412	441
额定前进行程 Forward Travel	(mm)	≥52	≥55	≥28
钢丝绳直径 Wire Rope Diameter	(mm)	8.3	11	16
机体净重 Net Weight (Body)	(kg)	6.8	12.8	23.4
20米钢丝绳净重 Net Weight (20 m Wire Rope)	(kg)	6.5	10.5	22
加力杆 Net Weight (Lever Handle)	(kg)	1.3	2.3	2.3
机器外尺寸 Dimensions (Body) L x W x H	(mm)	440 x 70 x 255	560 x 100 x 295	675 x 120 x 350

The wire rope winch, the right tool for the job.
Here is a selection of the many applications.

钢丝绳牵引机, 在您的生活, 工作中的便利工具。

建筑, 公共工程, 土木工程 Construction, public works, civil engineering

水平或垂直固定重物 moving and positioning formwork horizontally or vertically
浇灌混凝土梁的定位工作 positioning sections of precast concrete beams
做升降台使用 lifting work platforms or suspended working platforms
凡是一些需要拖曳、一般升降、拉钩、张紧的地方都可以被使用 dragging, general lifting, guying, tensioning, etc

铺设管道和焊接工作中 Pipelaying and jointing

焊接和连接管的定位工作 positioning of pipes for welding and jointing
将混凝土管道连接在一起 laying concrete pipes and pulling them together

架设桥梁 Bridges

固定重物 positioning formwork
牵索调位 guying
牵引连接桥梁 pulling pre-cast concrete beams

工业中 Industry

机床冲床的安装和拆卸 installation and removal of machine tools and presses
在维护或操作中的起重或牵引 lifting and pulling during maintenance operations
重型设备的装卸 loading and unloading of heavy equipment
牵引连接桥梁 pulling pre-cast concrete beams

扶梯电梯 Escalators, elevators

安装自动扶梯和配套的索具 loading, unloading and rigging of prefabricated escalators
吊装和定位电梯或扶梯 lifting and positioning the cabins and drawing mechanisms

电力电信工程中 Electricity and telecommunications

定位变压器 positioning transformers
起重拉紧地上或地下电缆 tensioning underground and over head cable
安装和移动电线或天线 erection of mobile aerials and antennas
调整操作位置 guying operations

矿山采石厂 Mines and quarries

装卸和定位井下设备 handling and positioning equipment and underground machinery
运输物资石材等 tensioning conveyors

只有是在任何需要牵引搬抬重物的地方都需要他的帮助 and wherever there is a need for lifting, or pulling heavy load



**WIRE ROPE WINCH
LIFTING AND PULLING MACHINES**

可靠的质量确保您的安全和使用

The better quality guarantee you the safety, reliability and durability.

