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IMPROVING EFFICIENCY

NASA TOOLS

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Your work
effectiveness
Always be
Our values

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NASA®

NASA Tools Co., Ltd. was founded in 1992 after years of development, has developed from a small factory into a reliable global business company. NASA TOOLS always insist on providing professional support and services for building demolition and renovation and stone mining and processing industry, as well as a full range of equipment, diamond tools and accessories.

WE SUPPLY

safety

we always put product safety in the first place, our rope saw with their own research development of high quality rubber reinforcement, and has a strict quality control system and testing methods. Improve the safety of the rope saw and minimize the risk.

efficiency

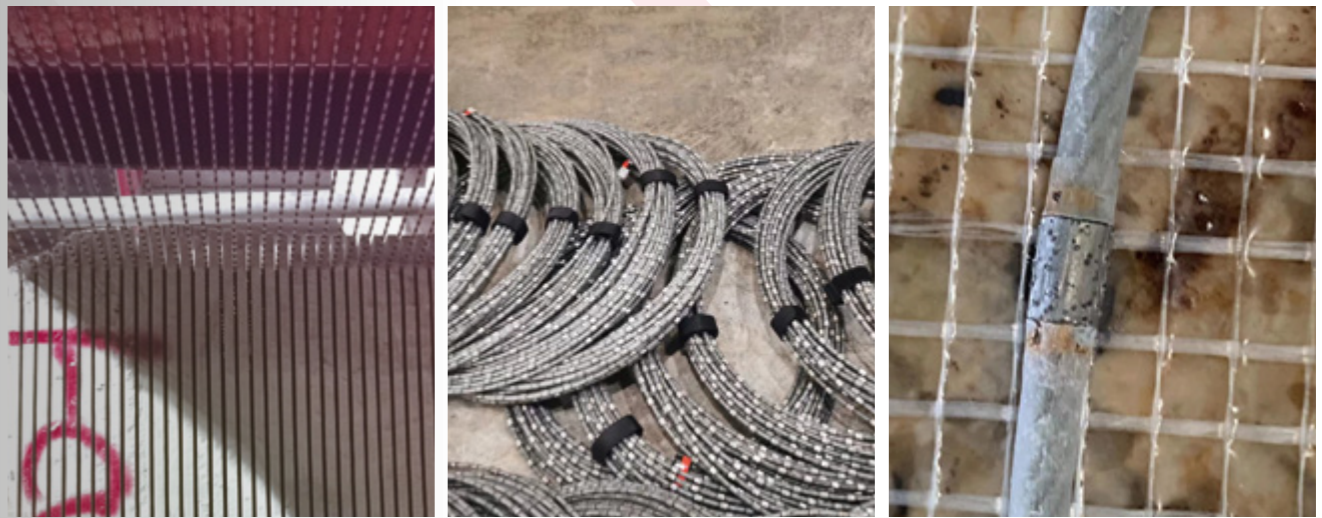
Our products have excellent formula design, intimate customized service and high quality manufacturing process and equipment, thus ensuring the efficient and stable cutting of rope saw.

stability

NASA TOOLS has many years of experience, strong product design level and excellent quality control system, which makes the products have stable quality assurance and are recognized by customers.

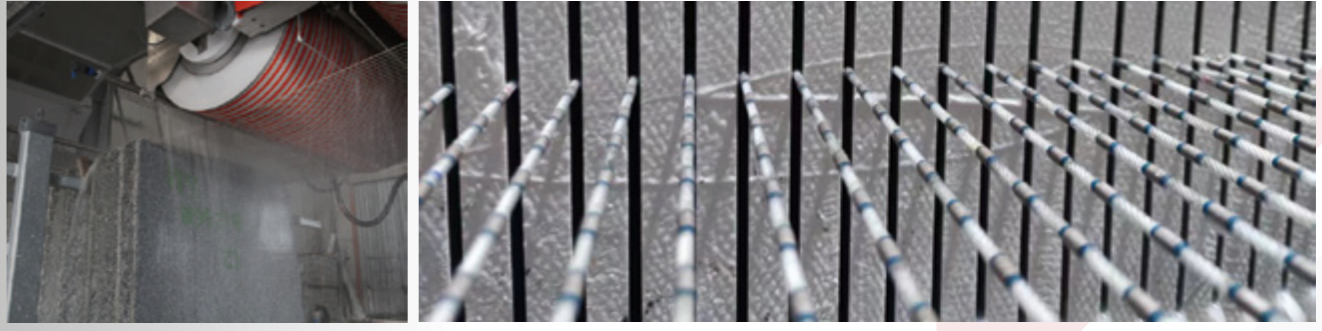
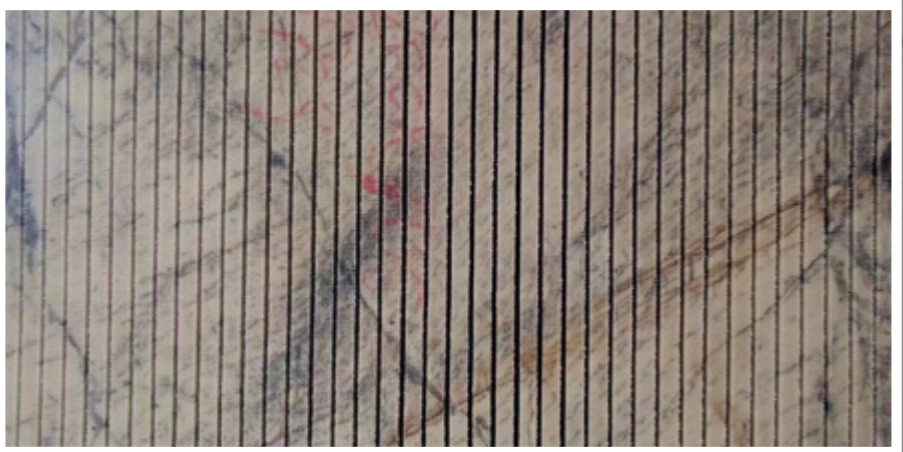
工具类

Stone saw rope



stone plate group saw brings stable and efficient working effect to the plate cutting work.

GRADE	Bead diameter/mm	Number of beads per meter	connection type
B	5.3/6.3/7.3	37	injection molding
A	5.3/6.3/7.3	37	injection molding



feature

- ☆ High cutting efficiency
- ☆ High plate yield
- ☆ Stone layout flatness is good
- ☆ The cutting speed is fast, and the group saw rope life is long

Granite mine rope saw

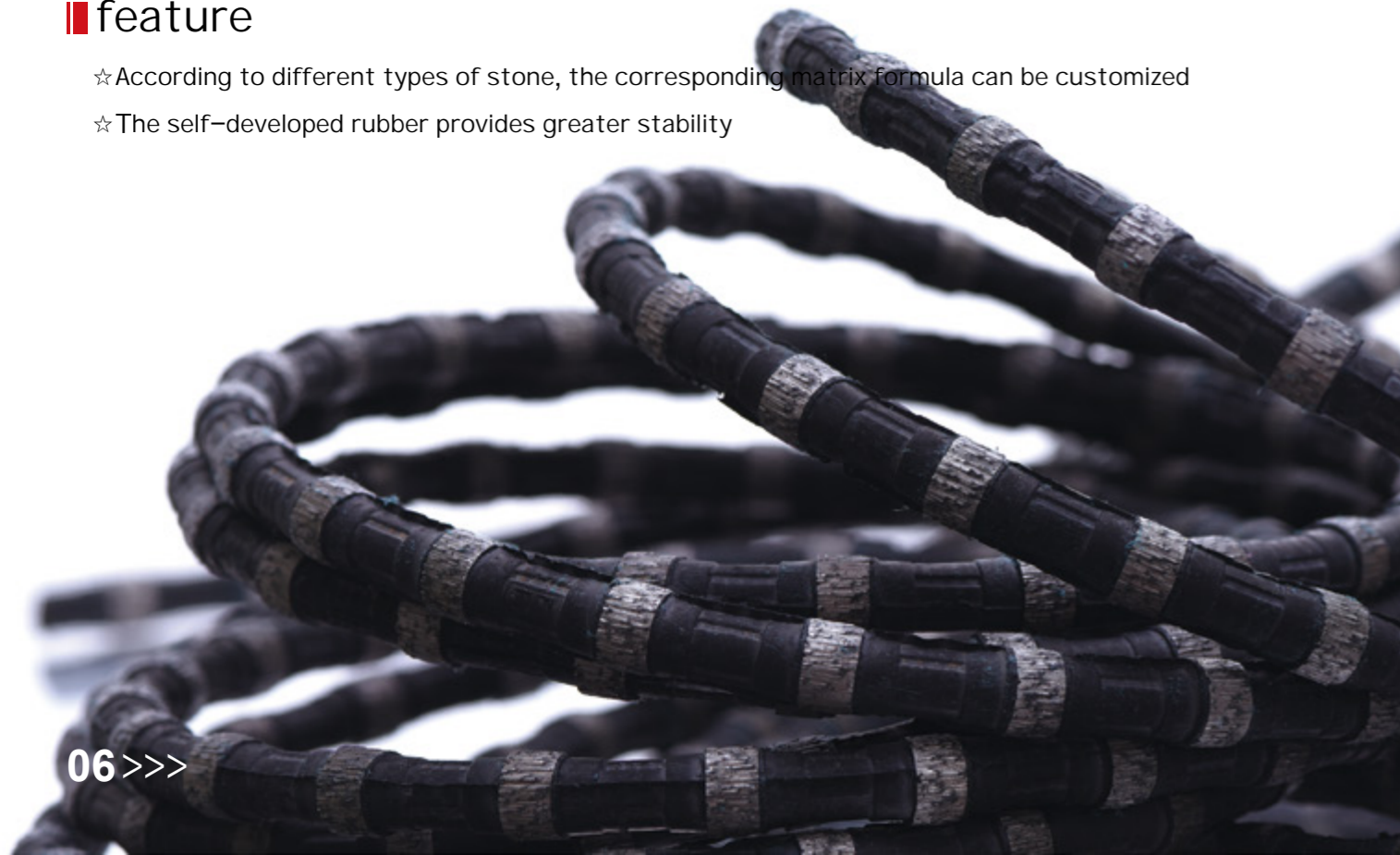


Rope saw granite mine makes granite mining work safe, efficient, and has a good cost performance

Grade	Bead diameter (mm)	Number of beads per meter	on-link mode	cutting speed m ² /h	working life m ² /m
high hardness granite	11.8	40	Rubber + spring/rubber	6-10	8-11
medium-hard granite	11.8	40	Rubber + spring/rubber	9-13	10-14
low hardness granite	11.8	40	Rubber + spring/Injection molding + spring/rubber	10-20	10-16

feature

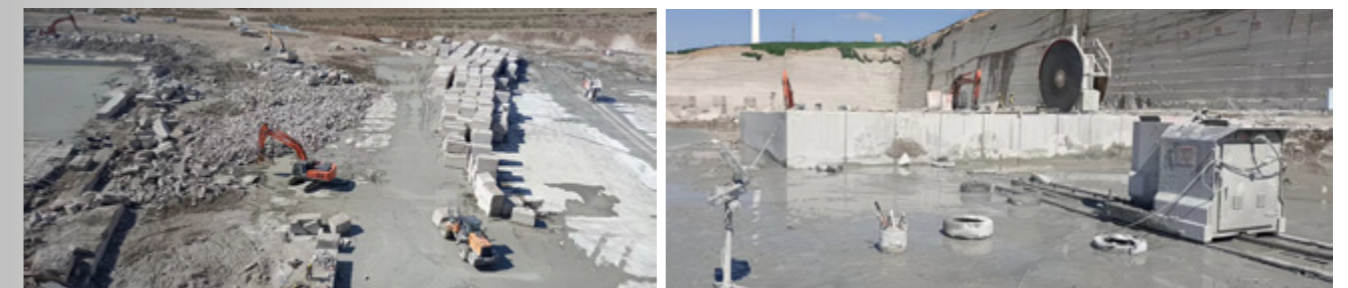
- ☆ According to different types of stone, the corresponding matrix formula can be customized
- ☆ The self-developed rubber provides greater stability



Marble mine rope saw

Rope saw in NASA marble mine makes marble mining work safe, efficient, and has a good cost performance

GRADE	Bead diameter (mm)	Number of beads per meter	on-link mode	cutting speed m ² /h	working life m ² /m
B	11.5	40	Rubber + spring/spring/injection/rubber	11-16	20-50
A	11.5	40	Rubber + spring/spring/injection/rubber	13-25	20-30



features

- ☆ According to different types of stone, the corresponding matrix formula can be customized
- ☆ The self-developed rubber provide more powerful versatility, fast cutting speed and high efficiency

Stone profiled rope saw



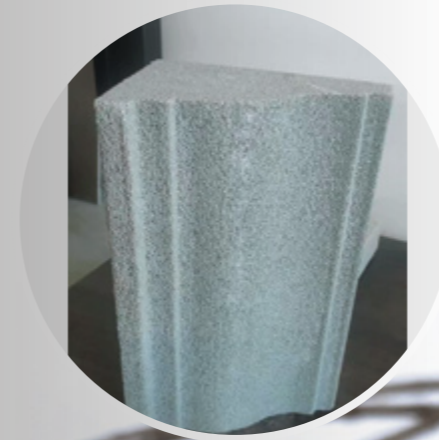
our stone profiled rope saw brings stable and efficient working effect to stone profiled processing

GRADE	Bead diameter (mm)	Number of beads per meter	on-link mode
Granite canonical form	8.8	37	injection molding
Granite sharp type	8.8	37	injection molding



feature

- ☆ The cutting quality is stable and efficient
- ☆ The cutting surface is smooth and the stone loss is small
- ☆ Machining surface profile is accurate



Ultra-fine rope saw for special cutting

type	Bead diameter (mm)	Number of beads per meter	on-link mode	cutting object
TS-01	5.0/4.0	45	injection molding	玉石、泡沫陶瓷、石墨等材料

Rope saw for engineering purposes



NASA construction sintered rope saw is widely used in building demolition, subway engineering and bridge cutting and so on. The self-developed rubber ensures the good working condition of the rope saw in various environments.

GRADE	Bead diameter (mm)	Number of beads per meter	on-link mode	cutting object	Recommended equipment
C	11.8	40	Rubber + spring	Reinforced concrete (steel diameter 50mm)	hydraumatic: 22kw-30kw electric: 15kw-20kw
B	11.8	40	Rubber + spring	Reinforced concrete (Steel diameter 32mm)	hydraumatic: 22kw-30kw electric: 15kw-20kw
A	11.8	40	Rubber + spring	Reinforced concrete (Steel bar diameter 32mm)	hydraumatic: 22kw-30kw electric: 15kw-20kw



feature

- ☆ Ideal for cutting all kinds of reinforced concrete and concrete
- ☆ Perfect balance of performance and cost





Special rope saw for engineering

Rope saws are suitable for cutting a variety of high-strength reinforced concrete, reinforced concrete and metal structures. The self-developed rubber provides stronger wear resistance. The 44 beads per meter guarantee faster cutting speed and longer service life.

grade	Bead diameter (mm)	Number of beads per meter	on-link mode	cutting object	Recommended equipment
A	10.5	44	Rubber + spring	Pure metal high strength reinforced concrete	ALL
B	10.5	40	Rubber + spring	Metal, high strength concrete, high rebar content Concrete, ladle concrete	ALL



feature

- ☆ Suitable for cutting pure metal, high strength reinforced concrete, ladle column concrete
- ☆ Perfect balance of cutting speed and service life
- ☆ Suitable for all kinds of harsh environments



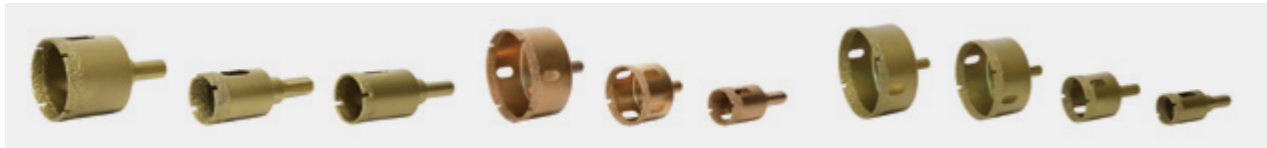
Wall saw blade

grade	welding manner	diameter (mm)	bore (mm)	length (mm)	width (mm)	height (mm)	tooth number
WS0700A01	laser welding	700	35/50/60	40	4.6	12	42
WS0800A01	laser welding	800	35/50/60	40	4.6	12	46
WS0900A01	laser welding	900	35/50/60	40	4.6	12	56
WS1000A01	laser welding	1000	35/50/60	40	4.6	12	64
WS1200A01	laser welding	1200	35/50/60	40	4.6	12	80
WS1400A01	laser welding	1400	35/50/60	40	4.6	12	88



type	laser welding	diameter (mm)	bore (mm)	length (mm)	width (mm)	height (mm)	tooth number
WS0600A01	high-frequency welding	600	35/50/60	40	5.2	12	32
WS0700A01	high-frequency welding	700	35/50/60	40	5.2	12	40
WS0800A01	high-frequency welding	800	35/50/60	40	5.2	12	42
WS1000A01	high-frequency welding	1000	35/50/60	40	5.2	12	44
WS1200A01	high-frequency welding	1200	35/50/60	40	5.2	12	54
WS1400A01	high-frequency welding	1400	35/50/60	40	5.2	12	96

Shank drill



Uses: Ceramic tile, vitrified brick, marble, granite, artificial stone, glass, microcrystalline stone, quartz stone, ceramic, and other materials drilling.

size	Hole depth	total length	Tool shank type
Φ6mm / Φ8mm / Φ10mm / Φ12mm / Φ14mm / Φ16mm / Φ18mm	≤ 35mm	66mm	8mm Round handles
Φ20mm / Φ22mm / Φ25mm / Φ28mm / Φ30mm / Φ32mm / Φ35mm / Φ38mm / Φ40mm / Φ42mm / Φ45mm / Φ50mm / Φ55mm / Φ60mm / Φ65mm / Φ70mm / Φ75mm / Φ80mm / Φ85mm / Φ90mm / Φ100mm	≤ 35mm	66mm	10mm Triangular pattern

钎焊开孔钻



用途：瓷砖，玻化砖，大理石，花岗岩，人造石，玻璃，微晶石，石英石，陶瓷，墙壁等材质钻孔。

规格	砂层高度	螺纹孔尺寸	开孔深度	总长度
Φ6mm / Φ8mm / Φ10mm / Φ12mm / Φ14mm	10mm	M10/M14	28mm	50-60mm
Φ16mm / Φ18mm / Φ20mm / Φ22mm / Φ25mm / Φ28mm / Φ30mm / Φ32mm / Φ35mm / Φ38mm / Φ40mm / Φ42mm / Φ45mm / Φ50mm / Φ55mm / Φ60mm / Φ65mm	10mm	M10/M14	40mm	50-60mm
Φ68mm / Φ70mm / Φ75mm / Φ80mm	10mm	M14	40mm	60mm

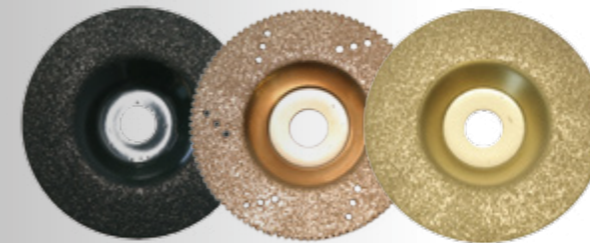
stone saw blade

Uses: Microcrystalline stone, granite, marble, quartz stone, tile, glass and so on.

size (mm)	bore (mm)
Φ80	20
Φ100	20
Φ110	20
Φ115	20
Φ125	22.23
Φ150	22.23
Φ180	22.23/25.4
Φ200	22.23/25.4
Φ230	22.23/25.4
Φ250	22.23/25.4



cup wheel

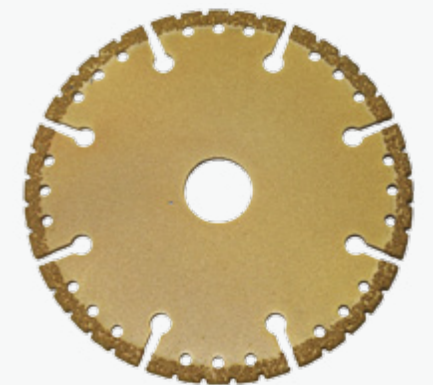


size (mm)	bore (mm)
Φ100	16
Φ100	16

Brazed iron saw blade

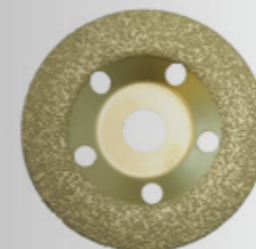
Uses: Cutting cast iron, Angle iron, square pipe, steel bar, steel pipe, and carbide, stainless steel, etc. (not recommended to cut aluminum alloy, copper, low hardness materials.)

Φ115	20/22.23
Φ125	22.23
Φ150	22.23/25.4
Φ180	22.23/25.4
Φ250	22.23/25.4



Brazing metal bowl mill

Application: Grinding of various iron and steel materials.



size (mm)	bore (mm)
Φ100	16
Φ125	22.23
Φ150	22.23
Φ180	22.23

设备类

Special electric rope saw for steel mixing



parameter

type	Tiger-A / Tiger-B
Rope saw drive mode	electric
Rope saw tightening	electric
Main motor power	18.5-22Kw
movable motor power	0.4Kw
Main motor speed	970r/min
maximum line velocity	25m/s
movement speed	104m/h
Main wheel diameter	500mm
Auxiliary wheel diameter	200mm
nominal voltage	380V / 415V
size/mm	2200mm × 880mm × 800mm
total weight	320Kg

feature

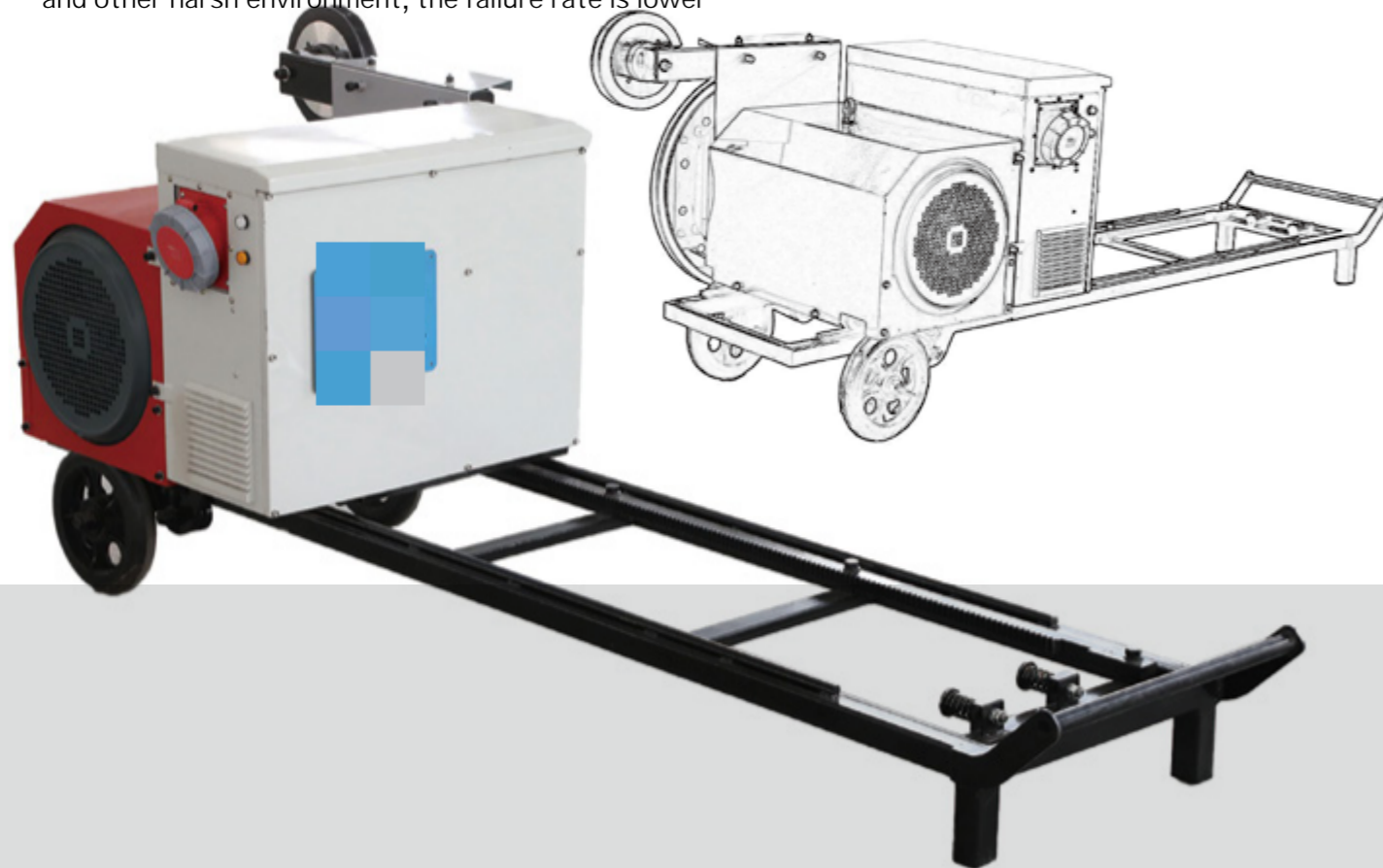
- ☆ Reasonable power and weight ratio
- ☆ Mechanical limit, overload protection, overheat protection, phase loss protection
- ☆ The use of thickened steel plate, fuselage strength is higher, fully adapt to water, mud, dust, impact and other harsh environment, the failure rate is lower.



Special electric rope saw for steel mixing Permanent magnet model

feature

- ☆ Permanent magnet motors can provide continuous and stable power and torque;
- ☆ Using double frequency conversion, PLC control mode, according to the change of cutting force to adjust the walking speed, so that the rope saw is always in the best working state;
- ☆ Reasonable power and weight ratio;
- ☆ Mechanical limit, overload protection, overheat protection, phase loss protection;
- ☆ The use of thickened steel plate, fuselage strength is higher, fully adapt to water, mud, dust, impact and other harsh environment, the failure rate is lower



parameter of apparatus

type	GHY-37-5C
drive mode	electric
Rope saw tightening	electric
Main motor power	37Kw
movable motor power	0.2Kw
Main motor speed	850r/min
maximum line velocity	24m/s
movement speed	0-104m/h
Main wheel diameter	500mm
Auxiliary wheel diameter	200mm
nominal voltage	380V ± 10% - 50Hz
Mains signalling requirements	3 + 1
size /mm	2200 × 800 × 880
weight	340Kg



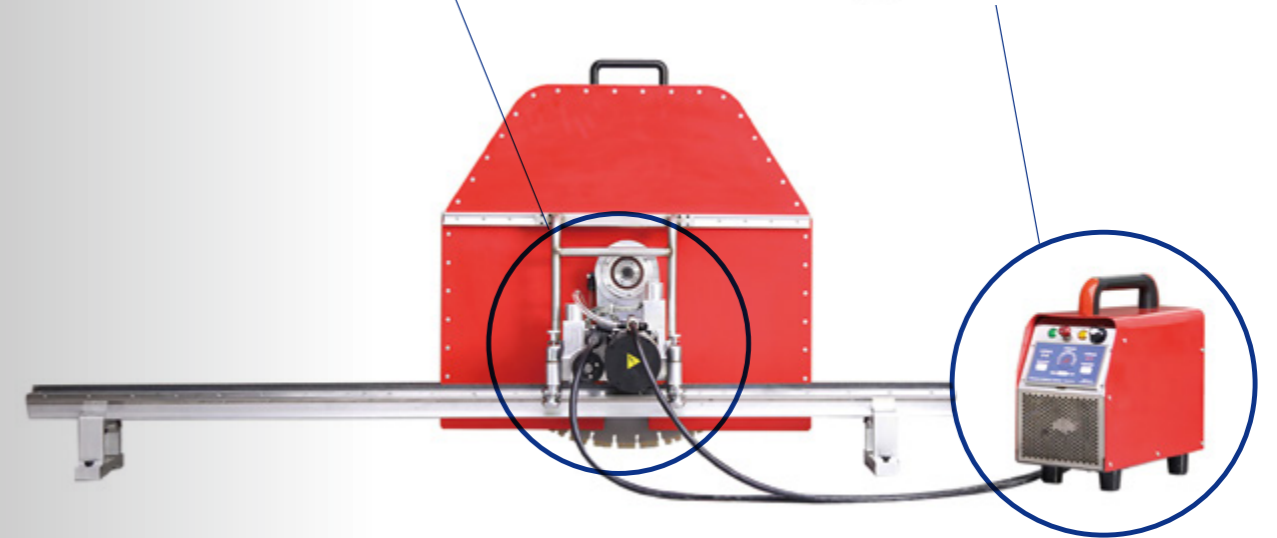
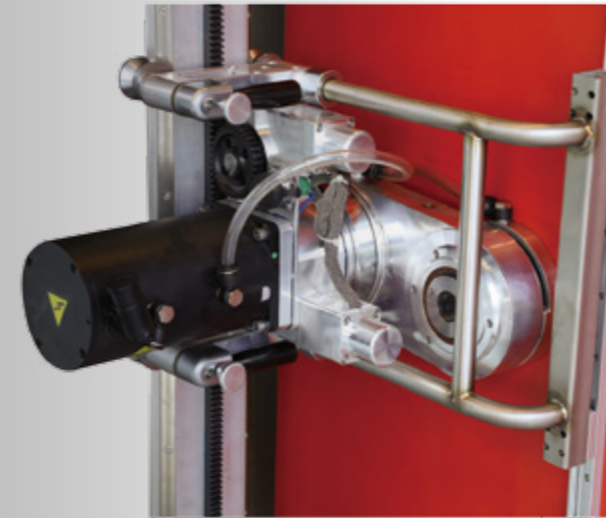
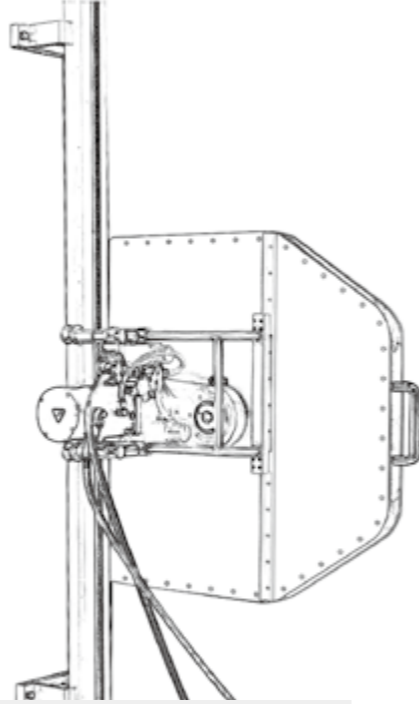
High frequency wall saw High frequency saw machine

parameters

power	11KW	15KW
nominal voltage	380V / 220V	380V / 220V
rated output current	20A	32A
Rated installed saw blade	1000mm	1200mm
Rated cutting depth	420mm	550mm
Net weight of controller	16.5KG	16.5KG
Net weight of head	31.5KG	34KG
size	460mm*430mm*220mm	460mm*430mm*220mm
Control Method	wireless remote control	wireless remote control
advantage	handy wall sawing machine	general application

feature

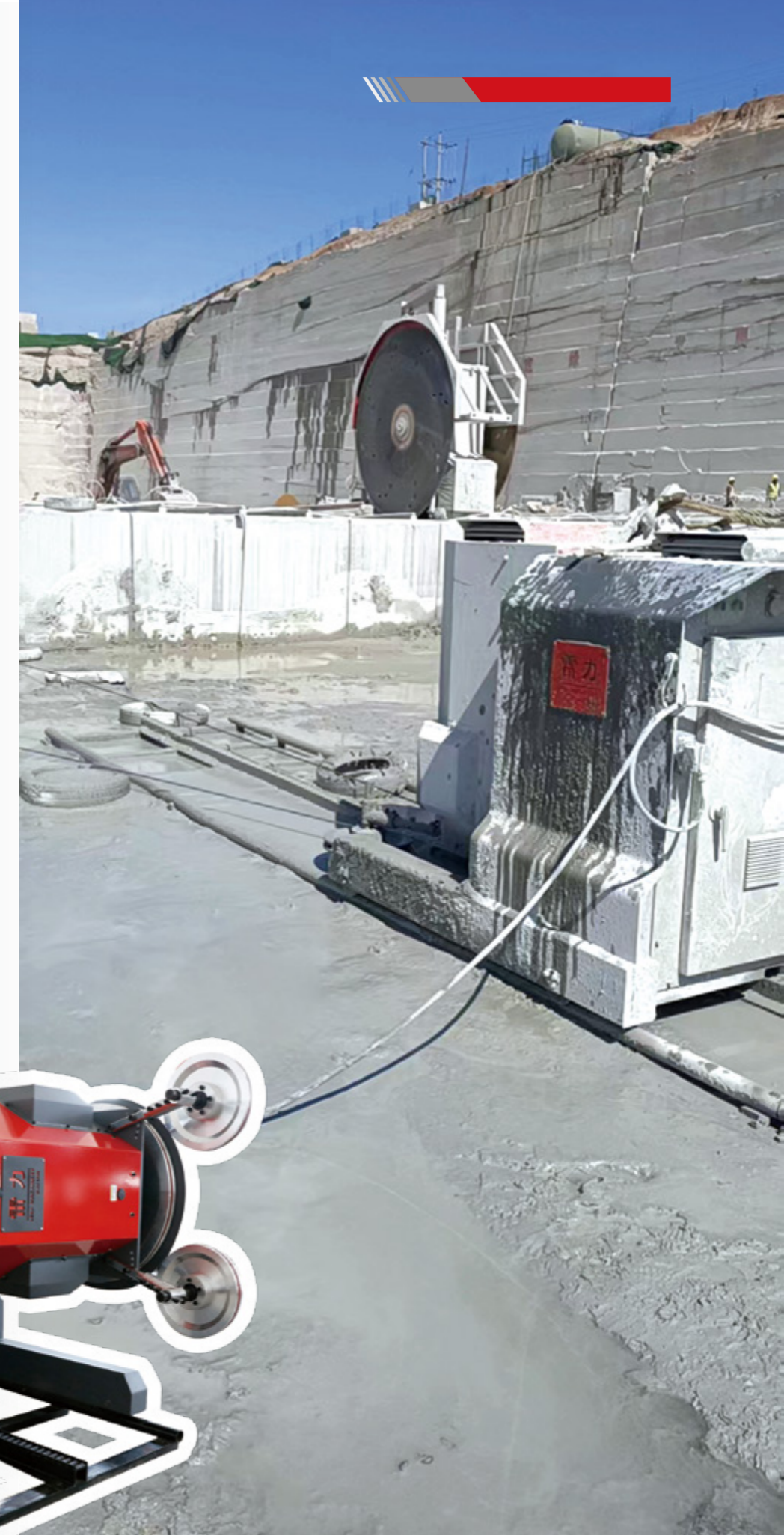
- ☆ The equipment design is compact and reasonable, and can be quickly disassembled
- ☆ High power, low weight, strong track and safety guard and light weight
- ☆ Adopt wireless remote control controller, and equipped with overheat, overload safety protection device



Mining rope saw machine -- Permanent magnet

parameters

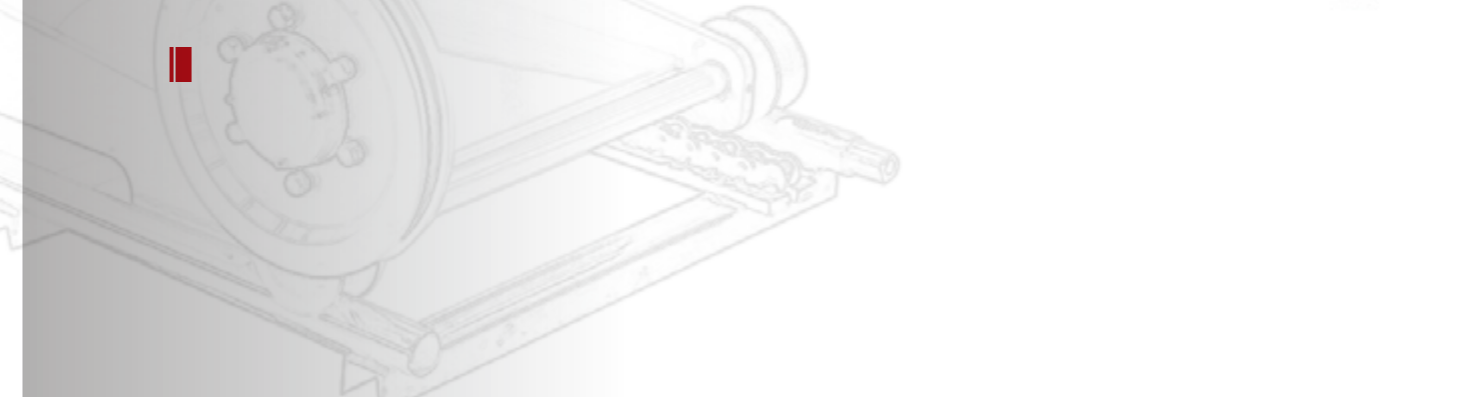
type	LLKS-4-65
Voltage	AC380V ± 10%~50Hz customized
gross power	65Kw
wire saw speed	0-37 m/s
Main wheel diameter	800mm
Auxiliary wheel diameter	380mm
movable speed	0-80m/h
rotation angle	360°
Allowed working temperature	- 10-40℃
track geometry tolerances/mm	2000 × 1280
size/mm	1870 × 1400 × 1400
weight	2.8T



Stone trimming rope saw

parameters

type	LLK-22/LLK-37
Rated voltage	AC380V±10%~50Hz customized
power	22KW/37KW
Saw speed	0-27m/s
Main wheel diameter	550mm
Auxiliary wheel diameter	300mm
movable speed	0-45m/h
rotation angle	180° ±7°
environment temperature	-10-40℃
track geometry tolerances/mm	2000×640
size/mm	1400×817×916
weight	0.7T



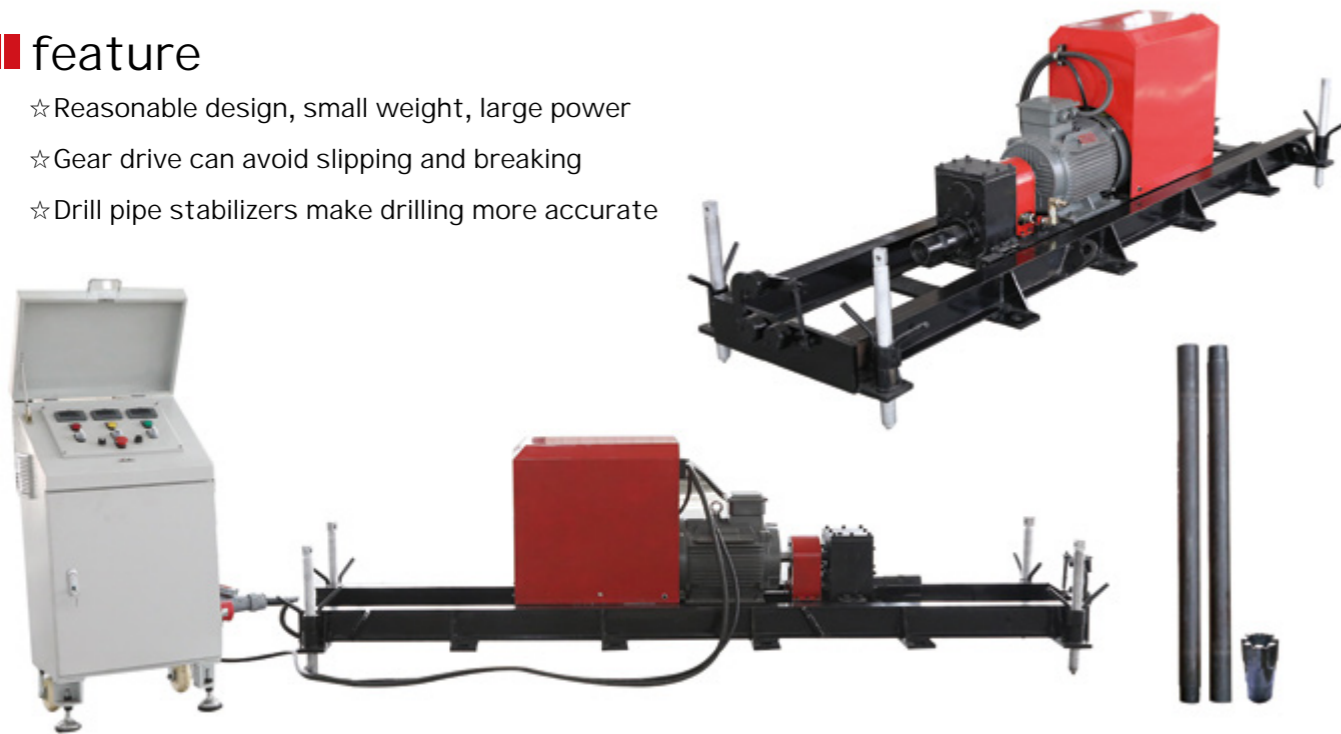
Horizontal drilling rig for stone mine

parameters

type	LLZJ-15-B
drilling diameter	≤ 100mm
maximum drilling depth	40m
Minimum Ground Clearance	170mm
Stroke	1.5m
movable speed	0-21m/h
power	15Kw
Walking speed of machine	1.5Kw
water pressure	0.1MPa
size/mm	3000mm × 750mm × 750mm
weight	550Kg

feature

- ☆ Reasonable design, small weight, large power
- ☆ Gear drive can avoid slipping and breaking
- ☆ Drill pipe stabilizers make drilling more accurate

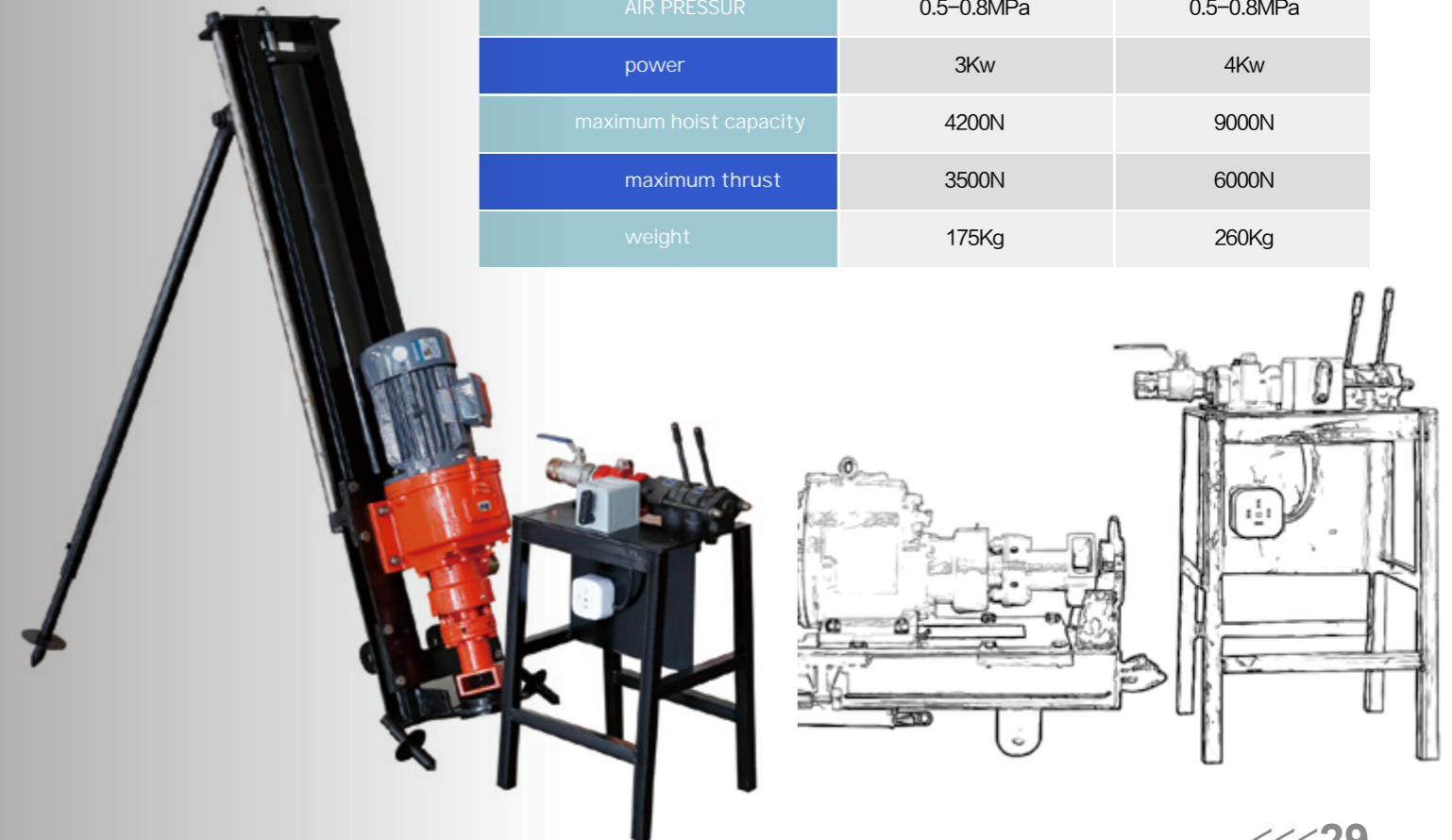


in-the-hole drill machine

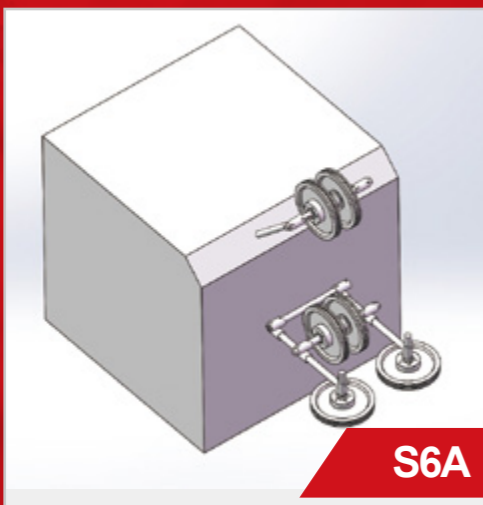


parameter

type	LLQK-70-2	LLQK-100-2
drilling diameter	50-80mm	80-130mm
drilling depth	15m	20m
Single advance length	1000mm	1400mm
rotating speed	90r/min	90r/min
gas consumption	3.5-5m³/min	<7m³/min
AIR PRESSUR	0.5-0.8MPa	0.5-0.8MPa
power	3Kw	4Kw
maximum hoist capacity	4200N	9000N
maximum thrust	3500N	6000N
weight	175Kg	260Kg



spareparts



S6A



S6B



S2



S1



P4



P2



P1



backstop



drill pipe



Stones Drilling Bit



rubber ring 200



Rubber ring 500



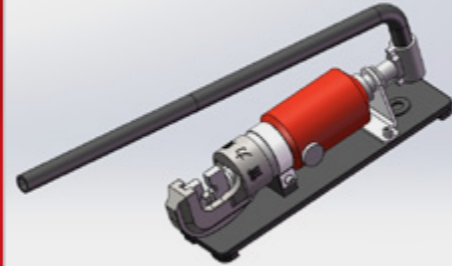
remote control
R1000



Remote control R2000



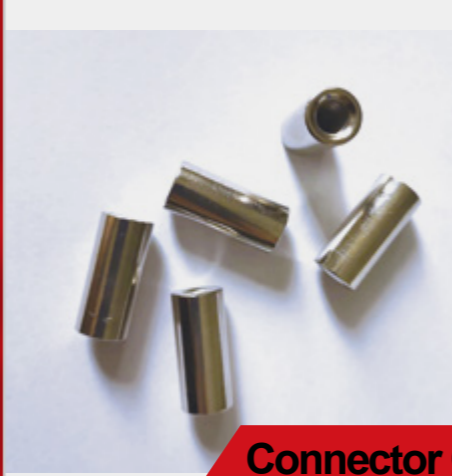
adhesive tape



adhesive tape



Loose connector
C01



Connector C02

