STON AG

MACHINERIES & TOOLS FOR CONSTRUCTION INDUSTRY









Commitment to excellence in cutting tools

STONE AGE

Welcome to Stone Age International!!

We make the tools for the concrete and construction industry and supply the machinery for this vast industry. We specialize in the Reinforced as well as Green Concrete, Asphalt & Brick Cutting Tools & all types of Concrete Machines. We make Concrete Cutting Blades from diameter 105mm up to diameter 2000mm. These blades can also be tailor-made as per the specifications of the customer and based on the strength of the concrete, which they wish to cut. We manufactured Diamond Core Drill and also manufacture loose segments for the core drills. Our Diamond Wire Rope for Reinforced Concrete is manufactured depending upon the strength of the concrete.

We also manufacture Wall Cutter, Concrete Polishing Pads, Concrete Floor Polishing Pads, Concrete Grinding Head, Concrete PCD's and Concrete Cup Wheels. Our latest state of art technology Machines for the Concrete & Construction Industry, are amongst the best in the industry. The Machines which we mainly focus on include, Wire Saw Machines both Hydraulic & Electrical, Core Drill Machine, Concrete Floor / Road Cutting Machines, Crawler Wire Saw Machine, Road Cutting Machine, Electric Road Cutting Machine, Crawler Road Saw Machine, Concrete Chain Saw, Electric Wall Saw Machine, Core Drill Machine, Ring Saw Machine, Electric High-Frequency Wall Saw Machine and Slab Cutting Machine.

We have earned the trust of our clients through our dedication to providing value-based products globally. Our efficient and technically trained staff deliver a fine quality of Cutting Machines, these are backed by our trained After Sales Service Engineers.







CERTIFICATE OF REGISTRATION

This is to Certify that the Quality Management System of

STONE AGE INTERNATIONAL

G- 24, RIICO INDUSTRIAL AREA, PHASE- II, BAGRU (EXT.),
JAIPUR -303007, RAJASTHAN, INDIA

has been assessed and found to be in accordance with the requirements of

ISO 9001:2015

This Certificate is valid for the following scope

"MANUFACTURING & EXPORT OF DIAMOND TOOLS FOR STONE- CUTTING, SAWING & QUARRYING, CONCRETE, MASONRY, BRICKS, CERAMICS, PORCELAIN & WOOD"

Certificate Number: SCPL2551
Date of initial registration : 29.08.2020

Next Surveillance Due : 28.07.2027
Recertification Due : 28.07.2028

Date of Issue : 14.08.2026
Certificate Expiry : 28.07.2027
Recertification Due : 28.07.2029

Authorized Signatory

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SIGMA CERTIFICATION PTY. LTD., ACCREDITED BY: UNITED STATES ACCREDITATION BOARD, 600 N BROAD STREET, MIDDLETOWN, DELAWARE 19709, USA

This Certificate is property of SIGMA CERTIFICATION PTY. LTD and remains valid subject to satisfactory surveillance audits. Certificate can be verified on www.sigma-au.com

Reinforced Concrete &Asphalt Blades



Asphalt Blade



Green Concrete Blade



Reinforced Concrete Blade

We design these blades keeping in mind the needs of the customer and ensure the following:-

- Easy and smooth cutting-
- Good cutting and high-efficiency-
- Long life span and stable performance-
- Fine finish without chipping

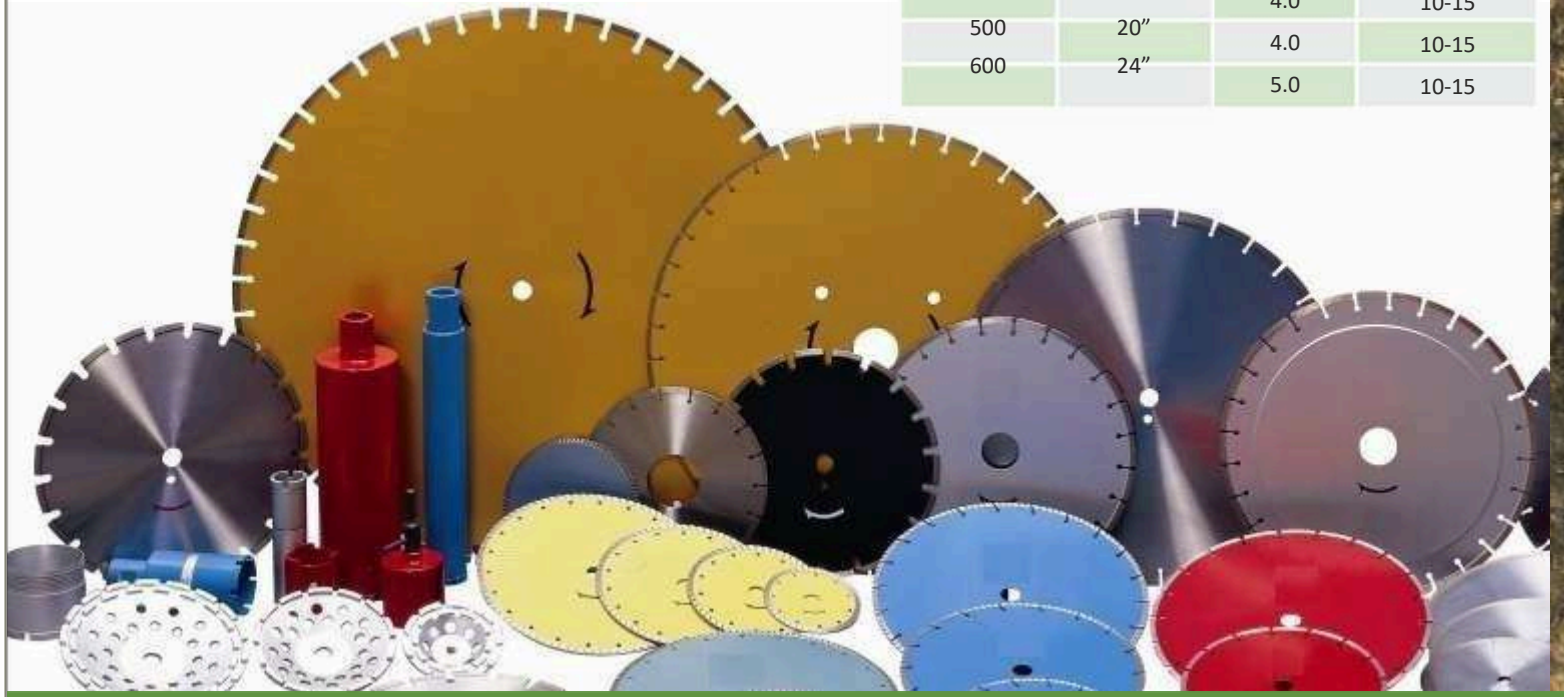
Our blades can cut all kinds of Concrete and Asphalt. We can further tailor-make the blade, as per the specifications of the customer. We also supply loose segments for these blades for re-tipping.

We use special steel Blanks for all Concrete and applications, so as to avoid any cracks in the steel blanks while in use. We also supply special thickness blades and desired sizes of a center bore, as per the requirements of the customer.

Standard Dimensions

Diameter		Segment Thick. (mm)	Segment Height (mm)
(mm)	(inch)		
300	12”	3.2	10-15
350	14”	3.2	10-15
400	16”	3.5	10-15
450	18”	4.0	10-15
500	20”	4.0	10-15
600	24”	5.0	10-15

Our range of products





VacuumBrazed / SinteredWire For Concrete

Wire sawing is a technique that has proven to be the ideal choice for the removal of thick sections of concrete. A wire cable with diamond segments is threaded through a series of pulleys and is continuously pulled through the concrete. Circular Saw Blades cannot operate on concrete structures where other cutting methods are impractical. The only restriction is the lifting and removal specifications of the job. Wire sawing is ideal for forming large sections of heavily reinforced concrete, such as piers, towers, and bridge sections, and cutting concrete in areas where work space is restricted. The combination of the spinning wire and constant pulling force cuts a path through the concrete and steel reinforcement. Wire saws can cut in any orientation, vertical or horizontal, because the length of wire is flexible and can be made to virtually any length besides the cutting depth which is unlimited. Thus the Wire Saw is the most sorted technique in the concrete Industry. We assemble 40 Beads per meter or 37 beads per meter as per the Quality of concrete to be sawn.



Diamond Wire Saw for Concrete Cutting is the most effective and effective way for sawing large concrete construction and thick concrete walls, especially when extremely thick or awkward sizes need to be cut. Concrete Wire Saw assist in sawing deep depth in heavy reinforced concrete. These Wires are made up to rubber and they almost cut any structure of large concrete where other methods are not feasible. The Wire Saw is also used for cutting and removing reinforced concrete such as big sections, columns, or beams. The diamond wire requires free- flowing water as coolant, to maintain free cutting and minimize overheating when in operations.







Application

Concrete Strength : ≤ 70 Mpa

Diameter of Rebars : ≤ 70 mm

Process	Specification	Spacer
Sintered	OD10.5/11.5mm, 40 Beads/meter	Spring + Rubber

Characteristic :

For fast cutting, super highly reinforced concrete.

Recommended Equipment :

Hydraulic Wire Saw : 22kw-30kw

Electric Wire Saw: 15kw - 20kw



Wire Saw Type - SA - 35-32





Application

Concrete Strength : ≤ 35 - 40 Mpa

Diameter of Rebars : ≤ 32 mm

Process	Specification	Spacer
Sintered	OD10.5/11.5mm, 40 Beads/meter	Spring + Rubber

Characteristic : Good cutting sharpness

Recommended Equipment : Hydraulic Wire Saw : 22kw-30kw
Electric Wire Saw: 15kw - 20kw

Wire Saw Type - SA - 50-50





Application

Concrete Strength : ≤ 50 Mpa

Diameter of Rebars : ≤ 50 mm

Process	Specification	Spacer
Sintered	OD10.5/11.5mm, 40 Beads/meter	Spring + Rubber

Characteristic : Good sharpness, can be used for most of the job conditions in reinforced concrete cutting.

Recommended Equipment : Hydraulic Wire Saw : 22kw-30kw
Electric Wire Saw: 15kw - 20kw

Core Drill Segments

Core Drilling techniques are used when people in trade precise, drilled circular holes. Any hole, from 12mm to 500mm diameter, can be achieved to make openings for plumbing, electrical, telecommunications etc.

Concrete Cutting Advantage

Knowledgeable contractors recommend and use diamond-cutting systems because they can provide significant cost advantages over conventional concrete removal methods. These advantages vary depending on the project but include reduced downtime, precision cutting, maintenance of structural integrity, reduced noise, dust, and debris, limited-access cutting, and the ability to cut heavily reinforced concrete. These advantages have revolutionized the concrete-cutting industry.







We can supply the complete concrete drill bits from diameter 12mm up to 320 mm. The length of the shank is 450 mm and the thickness of the shank varies between 2-3mm.







SA-CMB 01



SA-CMB 02



SA-CMB 03



SA-CMB 04



SA-CMB 05



SA-CMB 06

Concrete Metal Bond

For coarse grinding of concrete and to remove the old surface of the bumps to get a smooth surface. The smoothness of the surface finish of the floor is determined by the quality of the diamond used. The life of the segments is controlled by the hardness of the bond. Removes thin coating materials with ease. Designed to work aggressively. Smoothens and levels high spots. If the concrete is hard use a soft bond segment and if the concrete is soft then use the hard bond segment.

Technical Specification

Segments	Size Diamond Grit	Concrete	Bond	Application
10*10*40 12*12*40	Coarse 16/25# Medium 40/60# Fine 80/120#	Soft Medium Hard	Hard Bond Medium Bond Hard	Wet / Dry

Application : Concrete of different hardness
Bond : Soft, Medium, Hard
Features : High Quality for long

Electrical Wire Saw Machine

25HP Wire Saw Machines are used to cut through hard materials in the construction and concrete industry. These machines are valued for their ability to make clean cuts with minimal vibrations, noise, and dust compared to traditional cutting methods.

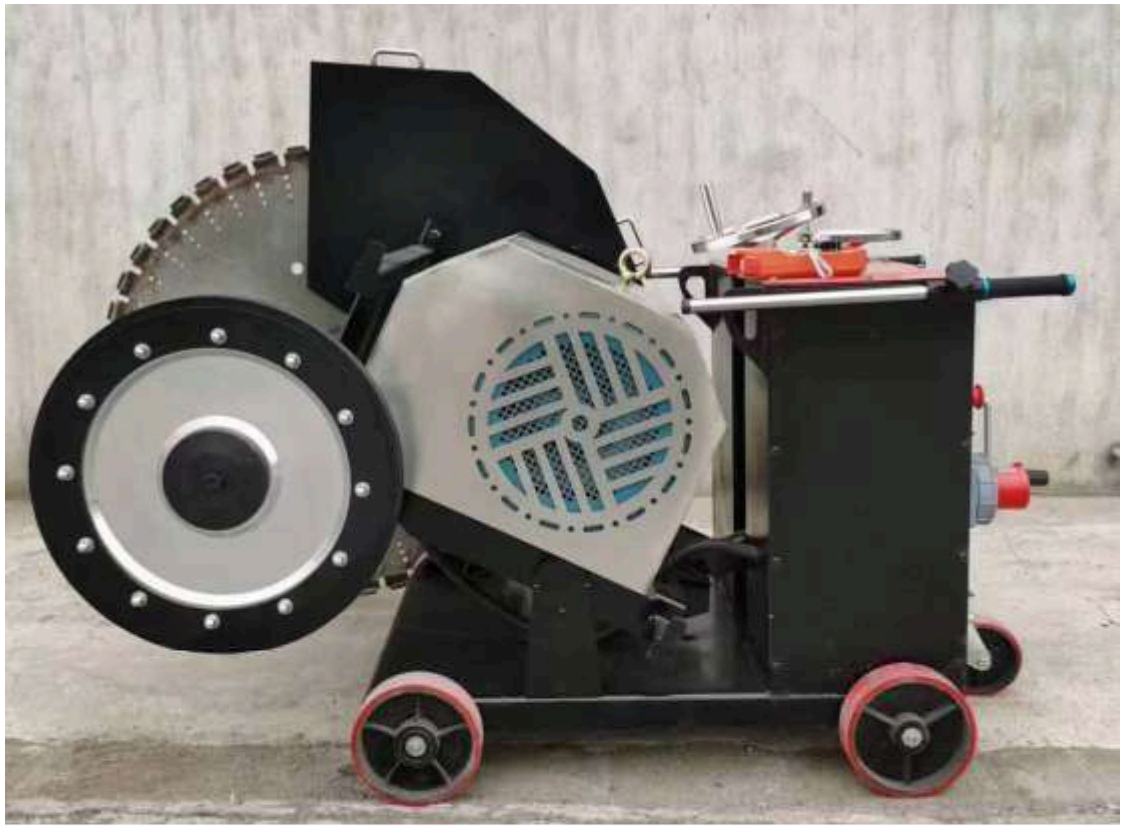


Technical Specification

Driving	Electric
Tensioning	18.5 KW
Voltage	AC380+-10%-50Hz / Customized
Speed	26m/s
Max Tension	230Kg
OD of Driving Pulley	500mm
Dimension	2200(L), 800(W), 880(H)
Weight	420Kg
Temperature	-15° c-45°c

Concrete Combo Machine
(Floor Cutter Cum Wire Saw)

The “CONCRETE COMBO MACHINE" is a versatile machine that integrates the functionalities of both, a floor cutter and a wire saw into a single unit. A Concrete Combo Machine, which combines a floor cutter and a wire saw, is a versatile machine that offers even greater flexibility and efficiency on construction sites.



Advantage

- It handles a broad spectrum of cutting tasks, from horizontal surfaces such as floors to vertical cuts on walls.
- Combining two machines into one not only saves space but also enhances operational efficiency.
- Whether it’s straight cuts on floors or angled cuts on various structures, the Concrete Combo Machine ensures precision.

Technical Specification

Driving Motor	22KW
Max Blade	600-1200mm
Max Cutting Depth	520mm
Rotation	Full Speed
Speed	26m/s
OD of Driving Pulley	500mm
Dimension	1200(L), 900(W), 800(H)
Weight	500Kg
Voltage	380V
Frequency	50Hz
Speed	960rpm

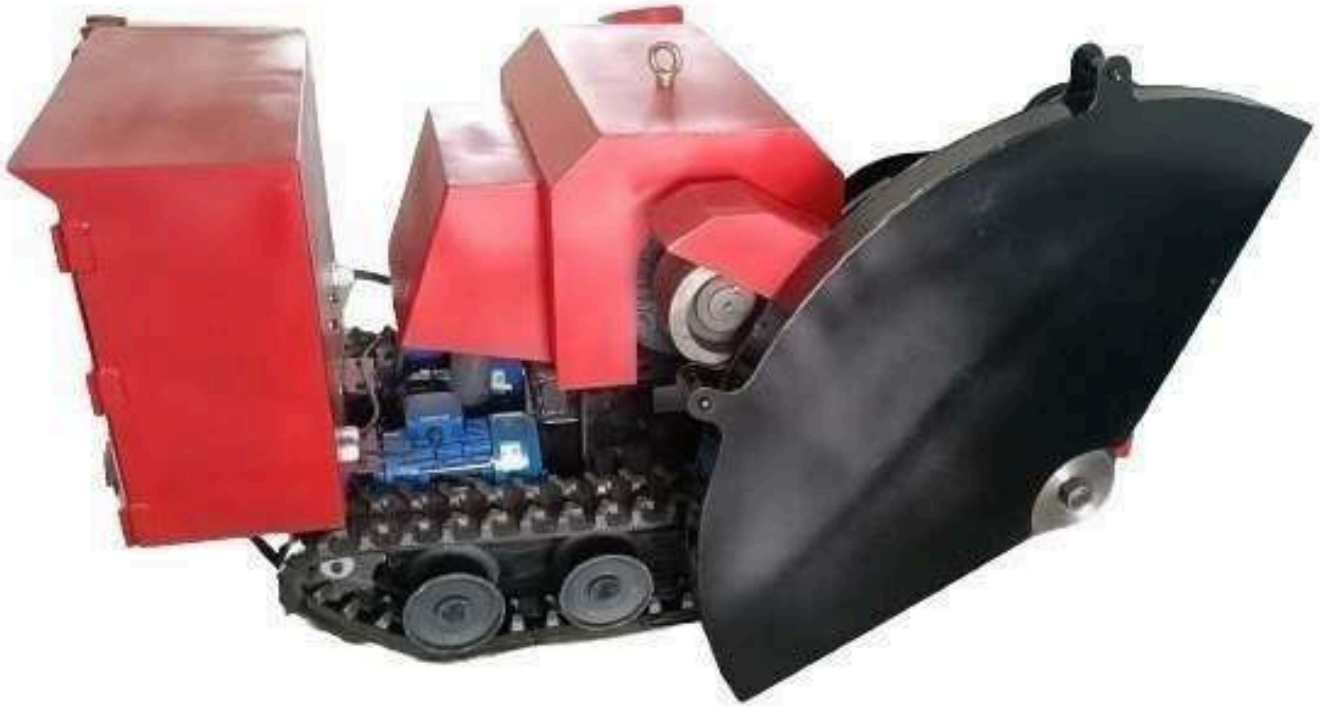




Crawler Concrete Combo Machine
(Floor Cutter Cum Wire Saw)



The **"CRAWLER CONCRETE COMBO MACHINE"** is a versatile machine that integrates the functionalities of both, a floor cutter and a wire saw into a single unit. A Concrete Combo Machine, which combines a floor cutter and a wire saw, is a versatile machine that offers even greater flexibility and efficiency on construction sites. Further, it can cut reinforced concrete, rock, asphalt, and steel plate with no vibration, low noise, accurate positioning, no dust, and high efficiency. It can also cut complex sections, widely used in reinforcement and construction, road, slab, house, floor, column and other cutting and demolition industries.



Technical Specification

Design	
Driving Motor Max	22KW / 30HP
Blade Max Cutting	600-1200mm
Depth Rotation	500mm Full
Speed	Speed
Dimension & Weight	
Length	1200mm
Width	900mm
Height	800mm
Weight	500kg
Control Unit and Motor	
Voltage	380V
Frequency	50Hz
Control	Manual/Remote
Fan-cooled 3-Phase motor	

The Crawler Wire Saw Machine

The Crawler Wire Saw Machines' main application is for bridges, bridge piers, bridge decks, walls of construction sites, beams and columns, tunnels, and underwater reinforced concrete and rock cutting.



22 KW Technical Specification

Design	
Driving Motor	22KW / 30HP
Moving	Battery
1 Driving Pulley	ϕ500mm
1 Storage Pulley	ϕ200mm
Wire tension kept by moving on the track	
Dimension& Weight	
Length	1200mm
Width	700mm
Height	950mm
Weight	450kg
Control Unit and Motor	
Voltage	380-415V
Frequency	50/60Hz
Rotation	0-960rpm
Control	Radio Remote Control
Fan-cooled 3-Phase motor	
Moving speed control via frequency converter, soft start, the rotation speedis variable from 0-960rpm	

37KW Technical Specification

Design	
Driving Motor	37KW
Moving	Battery
1 Driving Pulley	ϕ500mm
1 Storage Pulley	ϕ200mm
Wire tension kept by moving on the track	
Dimension & Weight	
Length	1450mm
Width	950mm
Height	950mm
Weight	830kg
Control Unit and Motor	
Voltage	380-415V
Frequency	50/60Hz
Control	Radio Remote Control
Fan-cooled 3-Phase motor	
Moving speed control via frequency converter	

Electric Road Cutting Machine

Electric Road Cutting Machine is ideal for small road repair projects in highways, municipal construction, and other departments slit or damaged pavement repair, cutting pavement joints. It is suitable for concrete and asphalt road surface, and pothole repair works. It is often used on reinforced roads and asphalt roads. This machine is also used for grooving purposes, whereby thicker segmented blades are used for grooving the concrete.

Application

In cement pavement construction cross joints and longitudinal joints. When the road surface hollow patching is damaged, the surface or basic unit is partially cut.



Technical Specification

Usage	Road Cutting
Power	15hp
Driving Method	Elecric
Max. Cutting Depth	10 inch
Max. Blade Size	28 inch
RPM	1440

Road Cutting Machine- Diesel

The Road Cutting Machine is used for road cutting and road maintenance. Its main function is to cut seams on the road surface. Generally, it is used on reinforced roads and asphalt roads. Road Cut means a surface or sub-surface cut in any part of on highway made by any means, including ramps on the airport, excavation, reconstruction, cutting, overlaying, crack sealing, or breaking operations.

This machine is also used for grooving purposes, whereby thicker segmented blades are used for grooving the concrete.

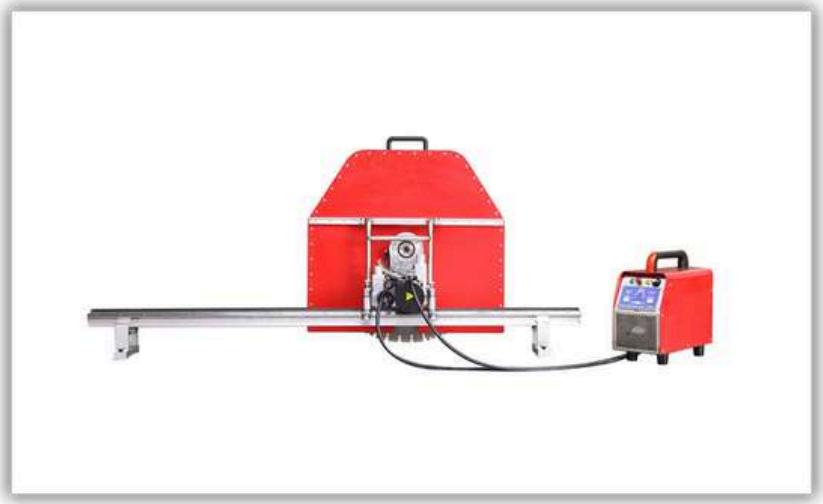


Technical Specification

Power	13HP
Max. Cutting Depth	8inch
Blade Size	12-24 inch
Water Tank	35-40 Litre
Cutting Material	Concrete
Engine Type	Diesel Engine-Handle Start

Electric High-Frequency Wall Saw Machine

The Electric High-Frequency Wall Saw Machine is easy to handle and operate, and offers very good power. This concrete wall-cutting machine is powered by a hydraulic power pack and easily cut through heavily reinforced concrete or brick. Concrete wall saws are good for all kinds of concrete cutting. high-frequency wall saw is very cost-effective.







Technical Specification

		SAI LL1770	SAI LL2070	SAI LL2570
Model				
Maximum total power		20Kw	22Kw	28Kw
Main motor power	**Maximum power**	18Kw	20Kw	25Kw
	Rated power	15Kw	17Kw	22Kw
Rated current of the main motor		30A	27.8A	38A
Power supply	Single-phase	Single-phase 220V	Single-phase	Single-phase
	Three-phase	Three-phase 380V	Three-phase	Three-phase
Recommended circuit breaker model	380V	63A	63A	≥63A
	220V	100A	150A	150A
Saw blade mounting hole diameter		φ35\φ50\φ60	φ35\φ50\φ60	φ35\φ50\φ60
Recommended saw blade diameter		≤1200mm	≤1200mm	≤1400mm
Installed saw blade diameter		840mm	840mm	840mm
Saw blade rotation speed	800mm saw blade	0--960rpm	0--960rpm	0--960rpm
	1000mm saw blade	0--770rpm	0--770rpm	0--770rpm
	1200mm saw blade	0--640rpm	0--640rpm	0--640rpm
Traveling speed		1.3m/min	1.3m/min	1.3m/min
Weight of the cutting head		35Kg	35.5Kg	36.5Kg
Dimensions of the cutting head		425×310×360	425×310×360	480×320×350
Cooling method of the cutting head		Water cooling	Water cooling	Water cooling
Cooling water volume (at 10°C)		>5L/min	>5L/min	>5L/min
Weight of the control box		17.5Kg	17.5Kg	17.5Kg
Dimensions of the control box		466×241×446	466×241×446	466×241×446
Cooling method of the control box		Forced air cooling	Forced air	Forced air
Standard length of the host cable		12 meters	12 meters	12 meters
Requirements for power cable	380V	5-core 10-square	5-core	5-core
	220V	3-core 16-square rubber-sheathed cable	3-core 16-square	3-core 16-square
Track weight		8.4Kg/m	8.4Kg/m	8.4Kg/m
Track size specifications		1m/2.1m	1m/2.1m	1m/2.1m
Distance between cutting seam and		190±20mm	190±20mm	190±20mm
Standard specification of saw blade		φ900	φ900	φ900
Minimum ground clearance of the		6mm	6mm	6mm
Weight of the saw blade cover		13Kg	13Kg	13Kg
Cutting efficiency		2-6m²/h	2-6m²/h	2-6m²/h

Double Armature Electric Wall Saw Machine

Double Armature Electric Wall Saw Machine are mainly used for the cutting of reinforced concrete walls, brick walls, and other stone materials, as well as the renovation and reinforcement of old buildings. It can also cut large-area walls, such as door holes, windows, or elevator holes. Double Armature Electric Wall Saw Machines can also be called wall cutting saw, concrete wall saw, or wall cutting saw machine.



Technical Specification

Model Number	JL-1200
Application	Brick Saw
Weight	140KG
Frequency	50Hz
Rated Voltage	220V
Max. Cutting Depth	50cm
Rated Input Power	8500W
No-Load Speed	600r/min
Max. Cutting Width	5mm
Blade Diameter	1200mm
Power Source	Electricity
Saw Type	Circular Saw

Electric Wall Saw Machine

Electric Wall Saw Machine is used for concrete cutting and reinforced concrete walls and brick walls, and for building or renovating old buildings, reinforcing structures, and changing designs. These machines are a special cutting machine that reduces labor intensity and ensures safe and reliable operation with an overload protection function. With their strong power, concrete wall saw machines improve cutting capacity and labor productivity, making them widely used in demolition construction projects.



Technical Specification

Motor	9800W
Power Source	Electric
Max Blade	Φ1200mm
Max Cutting Depth	Φ500mm
Dimension	450(L), 450(W), 1300(H)
Weight	142KG
Voltage	220V
Rated Output Current	10Amp
Control	Wire Remote

Concrete Chain Saw Machine

We are the supplier and exporter of Concrete Chain Saw Machine. We have been the top choice for construction, concrete cutting, reinforced concrete, conduit, brick, and other masonry, rock, and stone applications. Capable of cutting deeper, neater and more accurately in less time. Our concrete chain saw can cut square corners in thicker material without over-cutting.



Technical Specification

Voltage	220V 50/60Hz/120V 60Hz
Rated Power	3200W
No. Load Speed	6300r/min
Chain Specifications	3/8 (18.6mm) 78
Max Cutting Size	480mm
Packing Qty.	1pc
G.W./N.W.	15/16.6kg
Meas.	64*34*36.5cm

Concrete Core Drill Machine

Core Drill Machines are used for concrete drilling. These drills are used for core drilling in building construction, airport, runway construction, engineering as well as railways and bridge construction



Model-BJ
205/255/355E

Technical Specification

Drilling range	15-205/15-255/15-355mm
Rated input power	3650/3950/4680W
Rated voltage	220V
Rated Frequency	50-60Hz
No-load speed	700/580/0-600r/min
Packing Dimensions	355*240*900/355*240*1000mm
N.W./G.W.	20/22.5,23/25.8, 26/28Kg
Power Cord	≈3.3m

Ring Saw Machine

High-Frequency Ring Saw Machine are used to quickly and effectively cut walls and bricks made up of concrete. This machine is a high-frequency machine that along with the cutting blade cuts through various materials quickly and effectively.



Technical Specification

Voltage	220V
Frequency	50Hz
Max. Depth	270mm
Rotation Speed	full speed
Power	8800W
Rpm	3000rpm

Brushless Ring Saw Machine

This ring saw cutting machine, the maximum cutting depth is 29 cm, comfortable handle design, the machine is equipped with water pump can do dust-free cutting, equipped with European plug, you can customize a variety of plugs, this machine can cut concrete wall floor, brick wall, steel bar and so on.



Technical Specification

Voltage	220V
Frequency	50/60Hz
Max. Depth	290mm
Rotation Speed	full speed
Power	6000W
Rpm	3000rpm

Slab Cutting Machine

The Slab Cutting Machine is a powerful machine designed for the precise cutting of concrete slabs on roads, highways, and other construction sites.

- Easy to use while hand cutting.
- Cuts concrete and masonry work areas. this is used for renovation and new construction work.
- Cuts Smaller holes.
- Asphalt cutting on road work.
- Concrete Cutting Work.



Technical Specification

Voltage Rated	220-240V
Rated Power	3500W
No Load Diameter	16"/410mm *φ25.4
Blade Size	16"
Cutting Depth	6"
Packing Qty.	1 Pc
No Load speed	4800r/min

Slab Cutting Machine With Track

The Slab Cutting Machine is a powerful and reliable solution designed for precise cutting of concrete, masonry, and asphalt on roads, highways, and construction sites.

APPLICATIONS

Road Construction | Highway Work | Renovation | New Construction | Concrete Cutting | Asphalt Cutting | Masonry Cutting



Technical Specification

Voltage	220V
Rated Power	7500W
No Load Diameter	618mm *$50
Max Cutting Size	275mm
Packing Qty.	1pc
G.W./N.W.	85*30*68CM
No Load speed	3200r/min

Note:-

(A) Product color and Product Image may slightly vary due to photographic lighting sources or your monitor settings.

(B) All the consumables shown in the photographs are on Extra Cost.

(C) Kindly discuss with our Sales Team for more clarification

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