



MACHINERIES & TOOLS FOR CONSTRUCTION INDUSTRY



Commitment to excellence in cutting tools



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

Sigcert
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"**

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Authorized Signatory

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satisfactory surveillance audits. Certificate can be verified on www.sigma-au.com

Reinforced Concrete & Asphalt Blades

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.



Asphalt Blade



Green Concrete Blade



Reinforced Concrete Blade

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



Vacuum Brazed / Sintered Wire 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

Sintered

Specification

OD10.5/11.5mm,
40 Beads/meter

Spacer

Spring + Rubber

Characteristic :

For fast cutting, super highly reinforced concrete.

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.

Wire Saw Type - SA - 35-32



Application		
Concrete Strength : $\leq 35 - 40$ 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		



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



SA-CMB 01



SA-CMB 02



SA-CMB 03



SA-CMB 04



SA-CMB 05



SA-CMB 06

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)

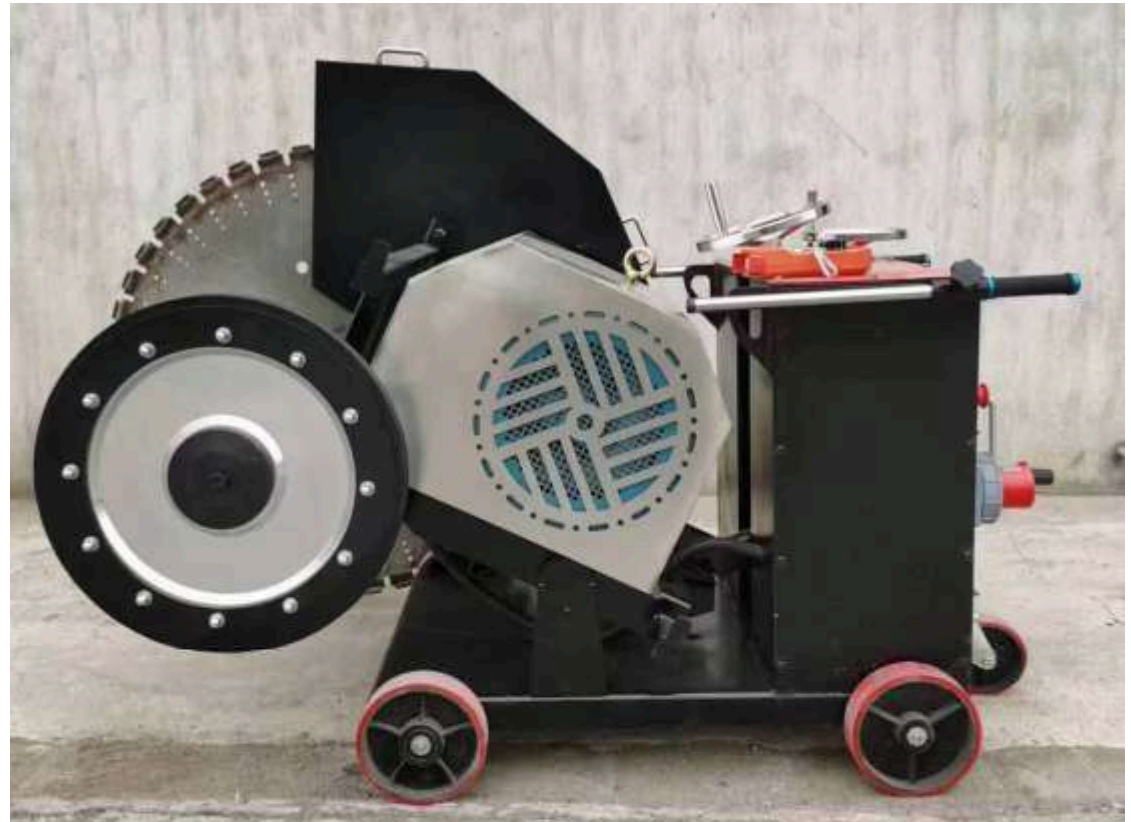
The "CONCRETE COMBO MACHINE" is a versatile machine that integrates the functionalities of both, a floor cutter and a wire saw into a single unit. A Concrete Combo Machine, which combines a floor cutter and a wire saw, is a versatile machine that offers even greater flexibility and efficiency on construction 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	22KW / 30HP
Max Blade	600-1200mm
Max Cutting Depth	500mm
Rotation Speed	Full 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.



22KW 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 speed is 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	Electric
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



The Electric High-Frequency Wall Saw Machine

The Electric High-Frequency Wall Saw Machine is an extremely strong high-frequency wall saw machine for cutting concrete, brick, and other building materials. High-frequency wall saws are good for all kinds of concrete cutting. Compared to a normal electric wall saw the high-frequency wall saw is very cost-effective.

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

Technical Specification

High frequency wall sawing machine VE-5(22KW)

Name	Parameter Details	Remarks Note
Device power supply	Three-phase 380V/two-phase 220V/Extendable DC power supply	All three modes of power supply are feasible
Three-Phase 380V Rated Power	3.7-22KW	Clutch adjustable load limit
Single-Phase 220V Rated Power	2.1-14KW	Clutch adjustable load limit
Three-Phase 380V Motor Speed	0.7500 RPM	-
Single-Phase 220V Motor Speed	0-4300 RPM	-
Main Motor Frequency	500Hz	-
Feed Motor	DC24V	-
Saw Blade Output torque	288nm	-
WALL Saw Head Weight	29.5kg	-
22KW High-Frequency Motor Weight	22kg	-
22KW Driver Weight	17.5kg	-
Wireless Remote Control Weight	1.5Kg	-
220V External Waterproof Mobile Socket	2kg	-
1.4m Track Weight	12.6kg	Track to track Connectable Extensions
2m Track Weight	17.5kg	
800 Wall Saw Blade Weight	14kg	Track to track Connectable Extensions
1000 Wall Saw Blade Weight	22kg	
1200 Wall Saw Blade Weight	31kg	Full feed cutting Depth:32cm
1600 Wall Saw Blade Weight	55kg	Full feed cutting Depth:42cm
1600 Wall Saw Blade Weight	7Kg	Full feed cutting Depth:52cm
Type 800 1000 Protective water cover Weight		Full feed cutting Depth:72cm
		-

Technical Specification

High frequency wall sawing machine VE-7(37KW)

Name	Parameter Details	Remarks Note
Device power supply	Three-phase 380V/two-phase 220V	Both modes of power supply are feasible
Three-Phase 380V Rated Power	3.7-37KW	Clutch adjustable load limit
Single-Phase 220V Rated Power	2.1-14KW	Clutch adjustable load limit
Three-Phase 380V Motor Speed	0.7500 RPM	-
Single-Phase 220V Motor Speed	0-4300 RPM	-
Main Motor Frequency	500Hz	-
Feed Motor	DC24V	-
Saw Blade Output torque	387Nm	-
WALL Saw Head Weight	29.5kg	-
37KW High-Frequency Motor Weight	22kg	-
37KW Driver Weight	17.5kg	-
Wireless Remote Control Weight	1.5Kg	-
220V External Waterproof Mobile Socket	2kg	-
1.4m Track Weight	12.6kg	Track to Orbit Connectable Extensions
2m Track Weight	17.5kg	Track to track Connectable Extensions
800 Wall Saw Blade Weight	14kg	Full feed cutting Depth:32cm
1000 Wall Saw Blade Weight	22kg	Full feed cutting Depth:42cm
1200 Wall Saw Blade Weight	31kg	Full feed cutting Depth:52cm
1600 Wall Saw Blade Weight	55kg	Full feed cutting Depth:72cm
2200 Wall Saw Blade Weight	105kg	Full feed cutting Depth:102cm

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

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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

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

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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