



ARPRAN

ARPRAN INDUSTRIES PVT LTD

Greetings, Fraternity!

We are thrilled to share that Arpran Industries Pvt Ltd and VOPEN Engineering Equipments Pvt Ltd have joined forces to take the Indian construction industry to the next level with the latest visionary technology of VOPEN Engineering Equipments Co Ltd.

VOPEN's **HIGH FREQUENCY WALL SAW MACHINE**, crafted with the latest technology, innovative processes, and cutting-edge equipment, have a bold market-recognized edge over other manufacturers.

Our machines are exported globally, meeting desires and satisfying customers worldwide.

Arpran Industries Pvt Ltd is thrilled to announce our exclusive partnership with VOPEN Engineering Equipments Co Ltd.

This collaboration, along with the innovative Wall Saw machine technology, is set to revolutionize the cutting and sawing game for all.

IT WILL BE A GAME CHANGER FOR YOU.

Please stay tuned via our LinkedIn, Facebook, or visit diamondtoolsindia.co.in for more information.

About Arpran Industries Pvt Ltd

Arpran Industries Pvt Ltd is a leading manufacturer and worldwide supplier of premium-quality diamond tools for stones and construction machines within the construction industry.

We have built lasting relationships based on trust and satisfaction with our clients, providing dedicated value-based products and tailored customer care and solutions around the globe, and we are eager to work with you.

Our R&D team is dedicated to providing you with the latest tools and machinery through our comprehensive market knowledge, continuous creativity, and rigorous hard work to ensure we always offer the most innovative and high-quality products.

Our service engineers are always available to resolve all your queries and train your team to work efficiently with the industry's latest tools and machines. For more information, visit www.diamondtoolsindia.co.in

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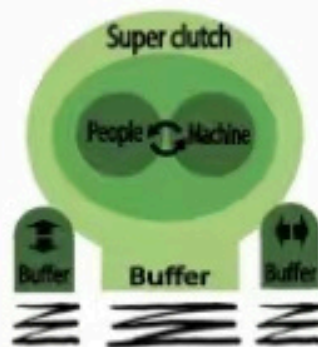
www.diamondtoolsindia.co.in

**Plot No. 143, Paschim Vihar, Vaishali Nagar-302021 Jaipur, Rajasthan,
India**



SECURITY CLUTCH, SMART VOPEN

Swing arm system protection
Elastic saw blade swing arm
Absorbing damage shock



Cutting system protection

Built-in external adjustment water-cooled
super-multi-disc wet friction clutch
0 Delay slip protection
5 to 10 seconds of skid time
Active shutdown in 1 second

Tool travel system protection

Roller and track adaptive elastic-
clamping
Shock clearance

- man-controlled**
The location of the rebar is unknown,
and only humans can make empirical predictions
- Machine execution**
Auxiliary cutting system, millisecond level control,
to achieve smooth and efficient cutting



Human-machine interaction, people-oriented

People can change the cutting progress at any time
through the knob of the remote control according to experience.
The auxiliary cutting system will realize the human idea with the reaction speed of millisecond.
Man controls, machine executes.



Perfect synergy between super clutch and human-machine interaction

1. Three buffer systems provide racing level safety and ultra-low failure rate
2. The super clutch slippage of 5 to 10 seconds gives sufficient safety time for the person's prediction and auxiliary cutting system.
3. Because the program control is millisecond level, it can quickly alleviate the clutch slip phenomenon, and 1 second (1000 milliseconds) is enough. At the same time, in order to protect the clutch and the whole system, in the case of extreme clipping, set the clutch slip time within 1 second of the active program shutdown. This can ensure that the whole cutting process is not loaded, and further reduce the failure rate.

A new human-machine experience

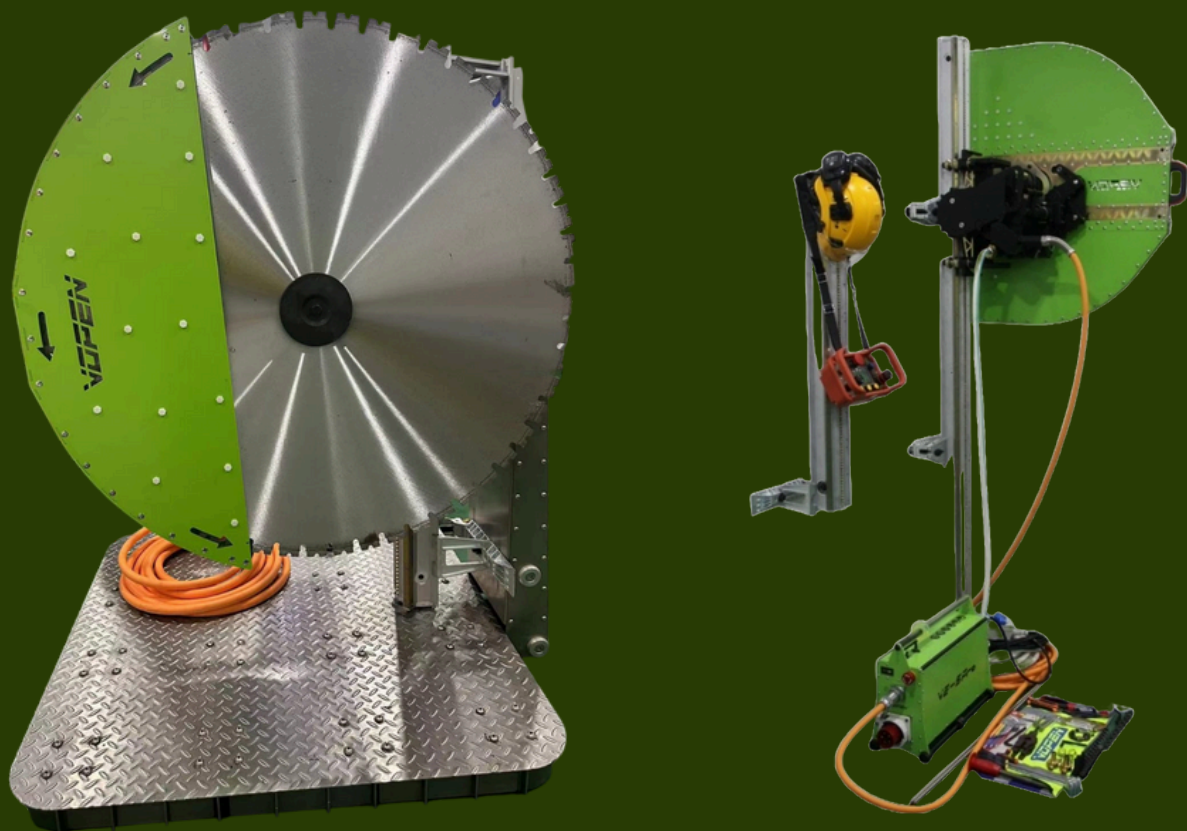
1. The three major buffers led by the super clutch make people feel the safety guarantee of racing class
2. Human-oriented auxiliary cutting system allows people to control freely
3. Make cutting an industry enjoyment and fun

SCIENCE & TECHNOLOGY DEFEND LIFE

High Frequency Wall Saw Machine

The Electric High-Frequency Wall Saw Machine
VOPEN

has developed an extremely strong high-frequency wall saw machine for cutting concrete, brick, and other building materials.



High Frequency Wall Saw Machine

The high-frequency wall saw machine is easy to operate and delivers excellent power. This concrete wall-cutting machine is powered by a hydraulic power pack, and it effortlessly cuts through heavily reinforced concrete.



The **electric high-frequency wall saw machine** VOPEN has been developed to efficiently and precisely cut concrete, brick, and other building materials.

Power Supply: Three-phase 380V / two-phase 220V / expandable DC power supply (All three ways of power supply are feasible)

Three-phase 380V Rated power: 3.7-22KW (clutch adjustable load limit)

Two-phase 220V Rated power: 2.1-7KW (clutch adjustable load limit)

The VOPEN's clutch is a standout feature, allowing you to adjust the torque range from 10% to 100%. This precise control ensures safety and accuracy in your cutting tasks.

Three-phase 380V motor speed: 0-6000RPM;

Two-phase 220V motor speed: 0-3440RPM:

Max power of High Frequency motor: 22KW

High-Frequency motor: 400Hz



FEED MOTOR: DC24V

OUTPUT TORQUE: 288NM

MAX CUTTING DEPTH: 720MM

WEIGHT OF WALL SAW HEAD: 25KG

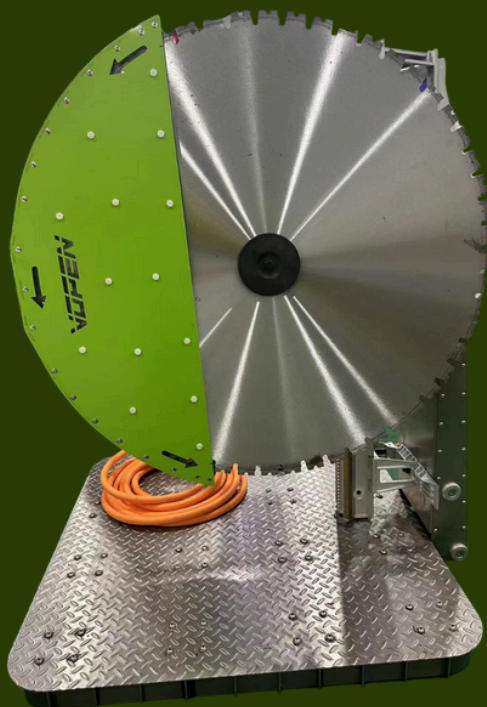
**WEIGHT OF 22KW HIGH FREQUENCY MOTOR:
22KG**

WEIGHT OF 22KW POWER CONVERTOR: 19KG

WEIGHT OF 1.4METER TRACK: 12.6KG

WEIGHT OF 2METER TRACK: 17.5KG

WEIGHT OF 1000MM BLADE GUARD: 10KG



High Frequency Wall Saw Machine (22KW)



Technical details

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	500 Hz	
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	2 KG	
1.4m track weight	12.6KG	Track to track Connectable Extensions
2 m track Weight	17.5 KG	Track and orbit 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
Type 800-1000 Protective water cover Weight	7KG	

High Frequency Wall Saw Machine (37KW)



Technical details

Name	Parameter Details	Remarks Note
Device Power Supply	Three-Phase 380V/ two-phase 220V/ Extendable DC Power Supply	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	500 Hz	
Feed Motor	DC24V	
Saw Blade Output torque	387Nm	
Wall saw head Weight	29.5KG	
37KW High Frequency Motor Weight	22KG	
37KW Driver Weight	22KG	
wireless remote control weight	1.5KG	
220v External Waterproof mobile Socket	1.5 KG	
1.4m track weight	12.6KG	Track to track Connectable Extensions
2 m track Weight	17.5 KG	Track and orbit 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

High Frequency Wall Saw Machine

V5V1

V7V1

V5W1









V7W1

V5V2

V7V2

V5W2

V7W2

  22kw pro 5	  half cover V	 wireless remote control 1
37kw 7  	full cover W  	wired/wireless remote control 2 

SELECTION CHART



For inquiries

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