

**Manufacturer,  
Exporter And  
Supplier of Machinery  
And Spare Parts**



**VARDHMAN**  
MACHINERY EQUIPMENTS PVT. LTD.



9001:2015

[www.vardhmanmachinery.com](http://www.vardhmanmachinery.com)

## About us

Vardhman Machinery is one of the salient manufacturer , exporter , supplier and trader of all kinds of rock cutting and drilling machinery. Our advance technology to work by creating high-quality products and solutions for stone mining and Slope Drilling Anchor rock bolting .

We are proud of boasting our most refined range of Mining Machinery , SDA Drilling drifter and drills & their spare parts which are used in Quarry of marble & granite and Slope/Rock protection . We use most advanced and state of art tools and system and delivering the best results to our client.

Our most refined range of machinery includes :

1. Diamond Wire Saw Machine
2. Rock Drilling DTH And Top Hammer Drill
3. Stone Cutting Diamond Wire Rope
4. Reinforced Concrete Cutting Wire Saw Machine and Rope

With a customer-centric mindset Vardhman exporting and supplying the machinery to our customers worldwide in countries Oman , Ethiopia , Portugal , Vietnam , Egypt , Uganda , Tanzania , Zambia , Nepal , Sri Lanka etc. Apart from that, we are also serving domestic customers efficiently in India.

## Our Mission

To focus on our customer's need by providing High Quality Products and services in order to meet customer requirement to enhance their competitiveness and profitability.

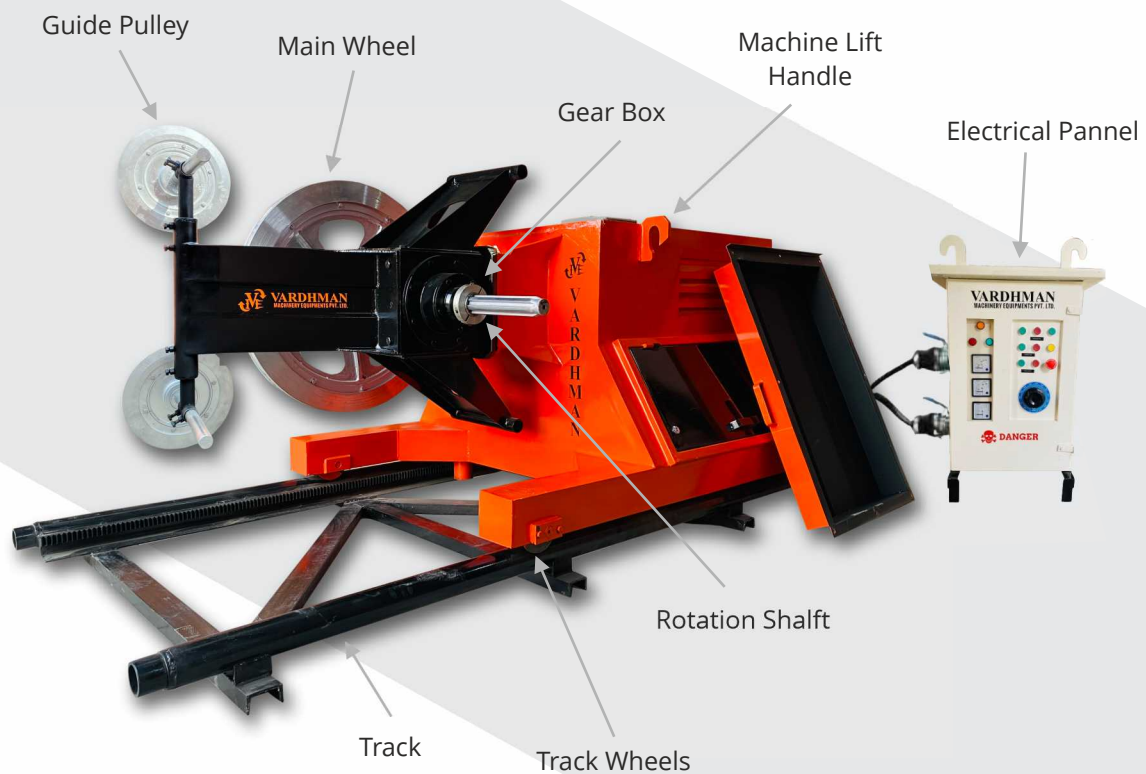
## Our Vision

To Provide Complete range of best quality of Marble/granite Mining Machinery, Equipments, spare Parts and tools to the industry.

## Strength

- Technical excellence matching all set of standards
- Strong marketing and distribution network
- Complete customer satisfaction
- Excellent customization facilities
- Cost effectiveness and Timely Delivery.

# Wire Saw Machine



S.N.	WIRE SAW MACHINE	VME - 20 HP	VME - 40 HP	VME - 60 HP	VME - 75 HP
1.	TYPE OF MACHINE	DIRECT DRIVE	GEARBOX TYPE	GEARBOX TYPE	GEARBOX TYPE
2.	MAIN AC MOTOR	15 KW / 20 HP	30 KW / 40 HP	45 KW / 60 HP	56 KW / 75 HP
3.	FEED MOTOR	1 HP DC/AC	1 HP / 2HP DC/AC	1 HP / 2HP DC/AC	1 HP / 2HP DC/AC
4.	OUTPUT RPM	960	630	630	630
5.	REQUIRED POWER SUPPLY	415 VOLTS AC / 3 PHASE; 50HZ	415 VOLTS AC / 3 PHASE; 50HZ	415 VOLTS AC / 3 PHASE; 50HZ	415 VOLTS AC / 3 PHASE; 50HZ
6.	MAIN ALUMINUM WHEEL WITH RUBBER RING	625 MM	790 MM	790 MM	790 / 800 MM
7.	HEAVY DUTY TRAVELLING TRACK	14 / 20 FT	20 FT (10FT : 2 NOS)	20 FT (10FT : 2 NOS)	20 FT (10FT : 2 NOS)

- Better Stability and Accuracy
- Heavy Duty Electric Panel
- Heavy Body Frame and Door
- Heavy Duty Gear Box Turns 360°
- Fully Coloured Body to Prevent it from Rusting

# RCC Cutting Wire Saw Machine

We manufacture RCC cutting wire saws in 15 HP, 20 HP, 25 HP, & 30 HP variants. Machine is designed to be lightweight yet rigid, making it optimal for Reinforced concrete cutting.



## TECHNICAL DETAILS

DESCRIPTION	15 HP	20 HP	25 HP	30 HP
Type of machine	Direct drive	Direct drive	Direct drive	Direct drive
Output RPM	Variable 0-1440 RPM	Variable 0-1440 RPM	Variable 0-1440 RPM	Variable 0-1440 RPM
Required Water Flow	10-15 LTS/Min	10-15 LTS/Min	10-15 LTS/Min	10-15 LTS/Min
Required Power supply	415 Volts AC/ 3 Phase: 50 HZ	415 Volts AC/ 3 Phase: 50 HZ	415 Volts AC/ 3 Phase: 50 HZ	415 Volts AC/ 3 Phase: 50 HZ
Main Motor	15 HP 960 RPM	20 HP 1440 RPM	25 HP 1440 RPM	30 HP 1440 RPM
Feed Motor	1 HP AC	1 HP AC	1 HP AC	1 / 2 HP AC
Total Track (Railing) Length	2.5 meter	2.5 meter	2.5 meter	2.5 meter
Alluminium Flywheel With Ring	625 MM	625MM	625MM	625MM



## RCC Cutting Diamond Rope (Rubber / PU Coated)

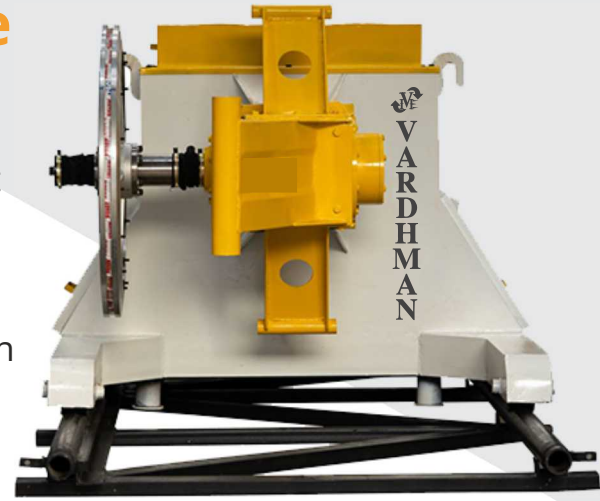
Because of extreme strength and adaptability, the concrete wire saw has become an unmatched tool for any company that is engaged in **Reinforced Concrete Cutting**.

<b>Diameter</b>	10.5 mm to 12 mm
<b>Number of Beads</b>	36 - 55 BPM For RCC / Metal
<b>Coating Type</b>	Rubber / PU Coated



# Single Shaft Wire Saw Machine

- More rigid gearbox than Conventional wire saw
- Maintenance-free as the spindle & shaft is a single unit
- The Flywheel is easily be changeable on site
- Easy movement to the flywheel on the shaft
- Complete movement of the wheel and the gearbox can be operational using a single spanner



## Wire Saw Machine spare parts



Halo Shaft / Main Shaft



Guide Pulley



D.C Gear



Track Wheel



Crown Pinion



Wire Saw Wheel



Rubber Rings



Universal Joint



D.C Motor

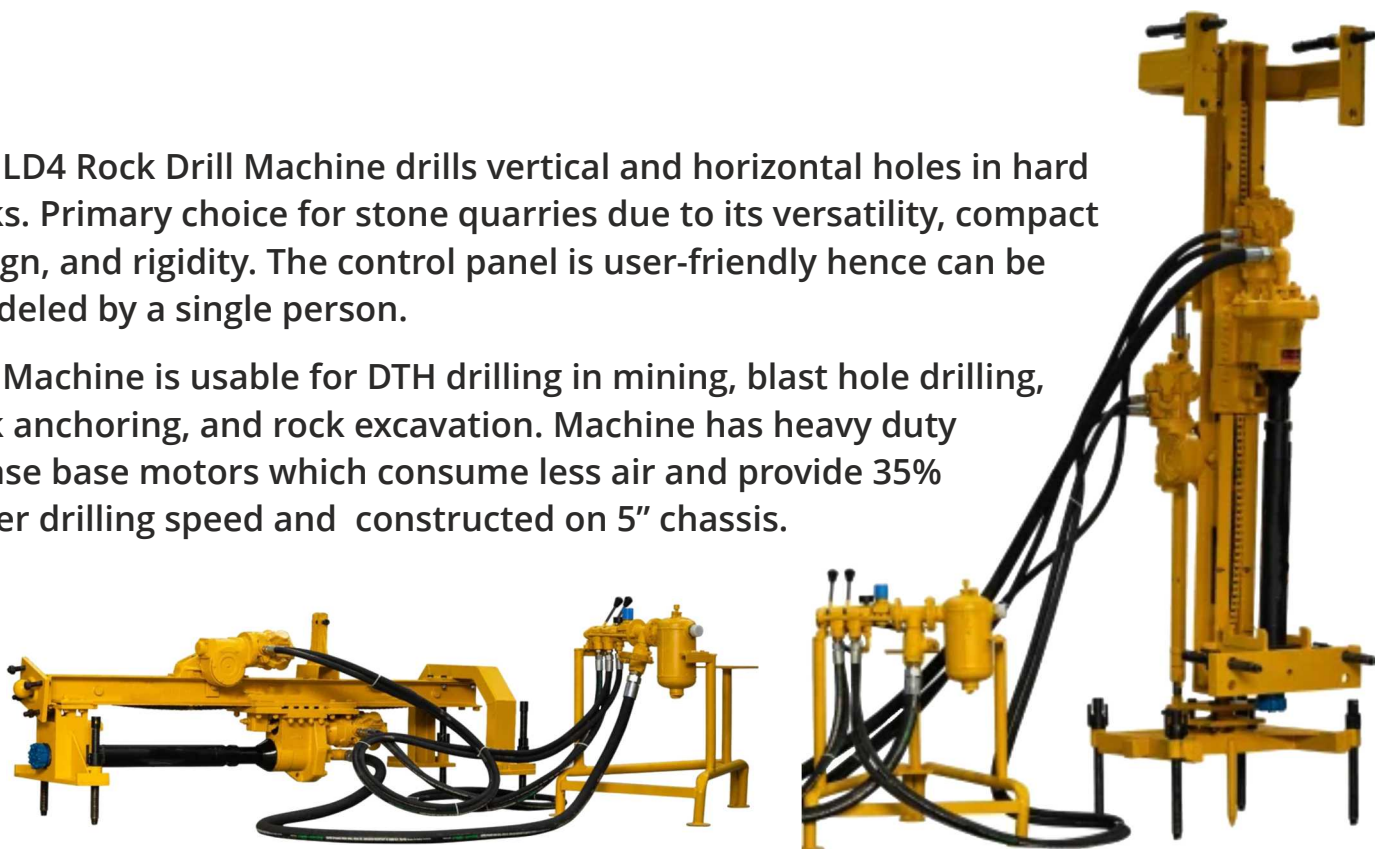
# Line Drill Machine

## Grease Type

TECHNICAL DETAILS	
HOLE DIAMETER	3 Inches-7 Inches (75MM-177MM)
VERTICAL DRILLING DEPTH	30 METERS
HORIZONTAL DRILLING DEPTH	20 METERS
DRILL PIPE DIAMETER	76 MM / 62 MM
DRILL PIPE LENGTH	1.5 METERS (4FT) (Can Be Customised Upto 2 Meters {10FT})
PNEUMATIC MOTOR POWER	4.5 HP
MINIMUM REQUIRED PRESSURE	7 BAR
APPROX WEIGHT	700 KG
CHASSIS	5 INCH

The LD4 Rock Drill Machine drills vertical and horizontal holes in hard rocks. Primary choice for stone quarries due to its versatility, compact design, and rigidity. The control panel is user-friendly hence can be handled by a single person.

The Machine is usable for DTH drilling in mining, blast hole drilling, rock anchoring, and rock excavation. Machine has heavy duty grease base motors which consume less air and provide 35% faster drilling speed and constructed on 5" chassis.



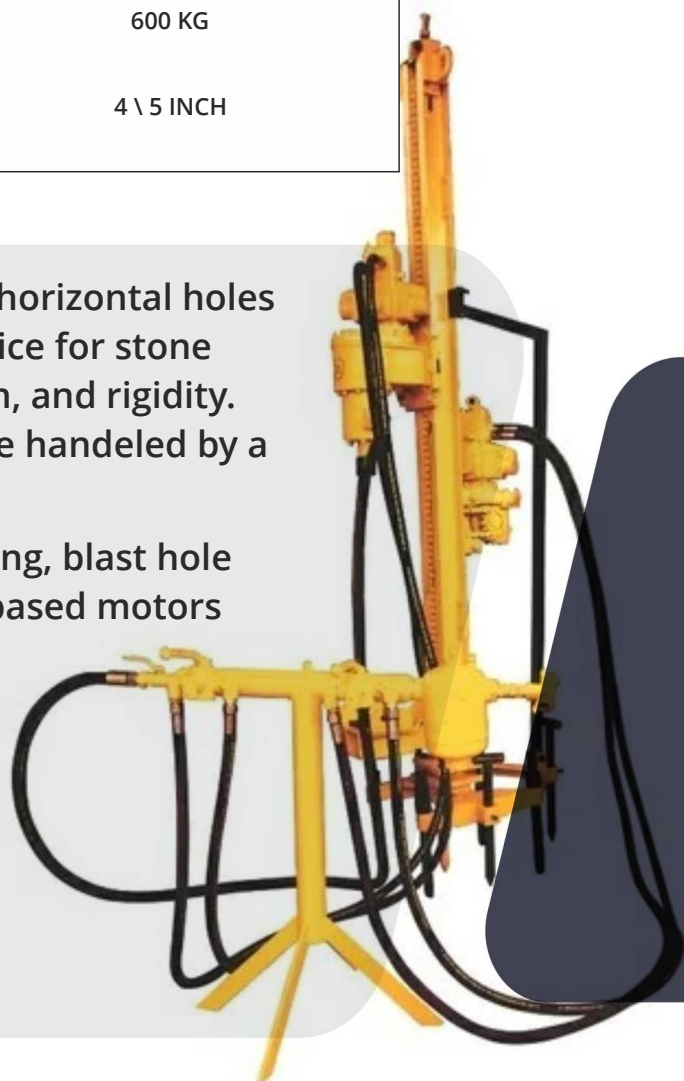
# Line Drill Machine

## Oil Type

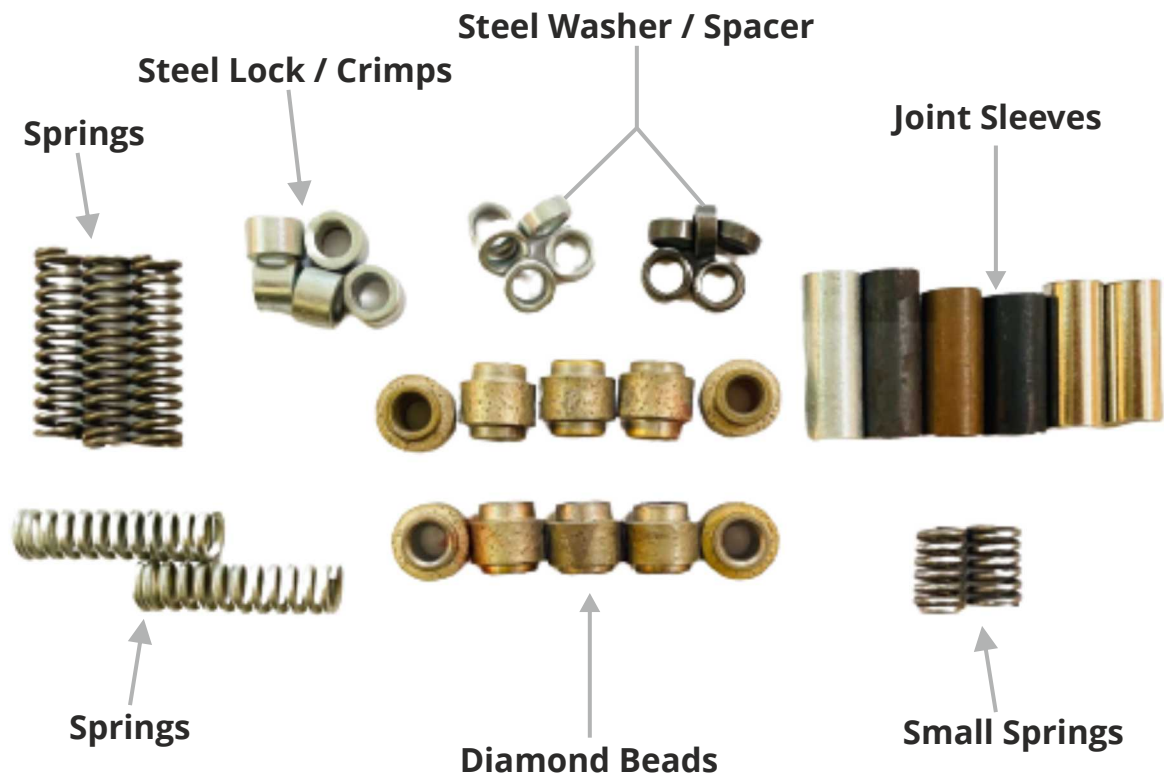
TECHNICAL DETAILS	
HOLE DIAMETER	3 INCHES-7 INCHES (75 MM- 177 MM)
VERTICAL DRILLING DEPTH	30 METERS
HORIZONTAL DRILLING DEPTH	20 METERS
DRILL PIPE DIAMETER	76 MM / 62 MM
DRILL PIPE LENGTH	1.5 METERS (4FT) (CAN BE CUSTOMISED UPTO 3 METERS {10FT})
PNEUMATIC MOTOR POWER	4.5 - 6 HP
MINIMUM REQUIRED PRESSURE	7 - 10 BAR
APPROX WEIGHT	600 KG
CHASSIS	4 \ 5 INCH

The LD4 Rock Drill Machine drills vertical and horizontal holes in hard rocks. The machine is the primary choice for stone quarries due to its versatility, compact design, and rigidity. The control panel is user-friendly hence can be handled by a single person.

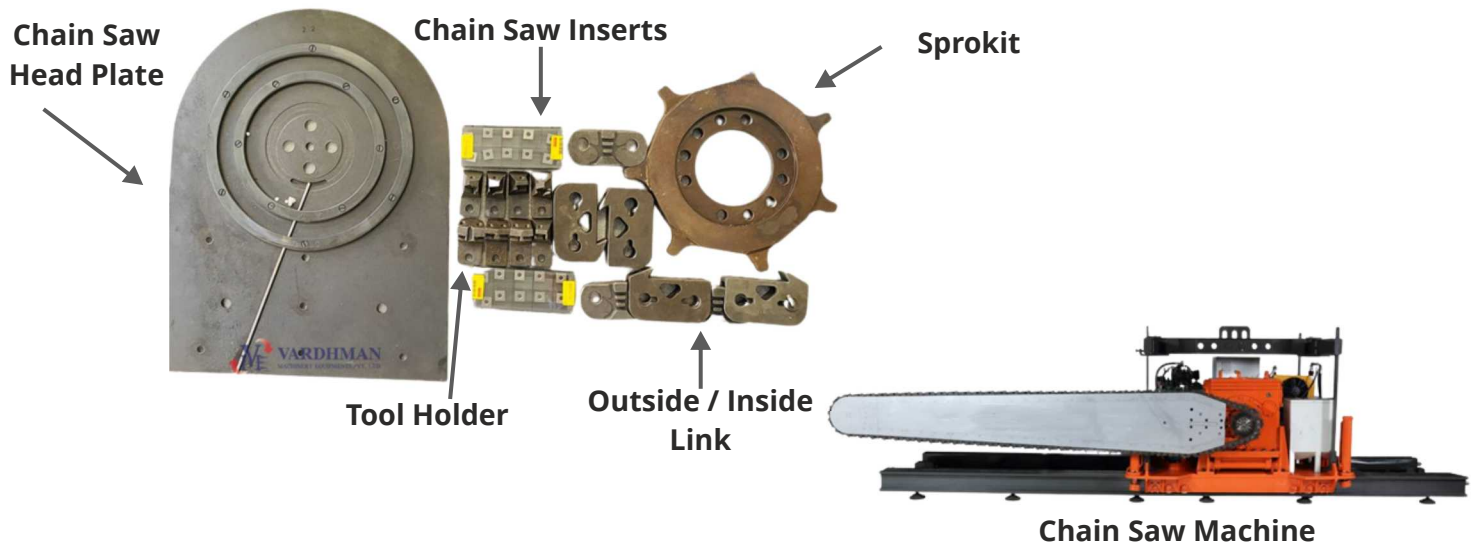
Also, the machine is fit for DTH drilling in mining, blast hole drilling, and rock excavation. Machine has oil based motors and is constructed on 4" chassis.



## Wire Saw Accessories



## Chain Saw Accessories



- High quality parts designed specifically for chain saws.
- Durable construction and material, ensuring long lasting performance.
- Quick and straightforward installation, saving time and effort.
- Provides great value.



# Diamond Wire Rope



## Marble Cutting Wiresaw Rope

Wire rope is used with traditional assembly with spring and washer. We offer a different types of chains for abrasive-hard and soft-medium hard marble at very ease cutting speed with a good life. We normally cater to its product to the export market.

<b>Diameter</b>	11.5 mm & 11 mm
<b>Number of Beads</b>	28 - 30 (for marble)
<b>Assembly</b>	Spring, Washer & lock joint

## Granite Cutting Wiresaw Rope

Our wires can get you the optimum performance at quarry operation which saves fuel or electricity by giving free cutting with maximum life.



<b>Diameter</b>	11.5 mm & 11 mm
<b>Number of Beads</b>	36 - 40 (for granites / marble)
<b>Assembly</b>	Plastic Coated with Spring

## INNER WIRE ROPE 4.8 / 4.9 MM



## BOLT CUTTER



## CRIMPING MACHINE



# Block Pusher Air bag

## Air Bag/ Block Pusher Specification

- Rubber Coated Fabric.
- Large & Medium Air Bag Constructed By Multi layer material.
- Small & Extra small Air Bag Constructed By Single Layer/ High Tensile Imported material.
- All bags are repairable & reusable.



### Sizes Available in Air Bags:

PARTICULARS	SIZE (MTRS.)
Air Bag -Large	1.75 m x 3 m
Air Bag -Medium	1.75 m x 2 m
Air Bag -Small	1.2 m x 1.2 m
Air Bag - Extra Small	5ft x 2.25 Ft
Colour	Black



## Hydro Steel Water Bag

Hydro bags are dilatation hydraulic cushion that consist of two high tensile steel sheets coupled together. These expand under water pressure, permitting a dilatation of 6 inches - 10 inches. These come under two sizes -:

- Total elimination of explosives
- Less noise and dust
- Increased safety

Available Sizes :

1000 MM	1000 MM
X	X
1000 MM	500 MM

## Hydraulic Jack

This machine is used in marble and granite quarry. It is used to push the stone. Hard chrome is applied to on piston. Machine is equipped with 2 HP.A.C. Motor. Hydraulic jack pushing capacity is 6 Inches. Hydraulic jack and power pack capacity 500-1000 tons.





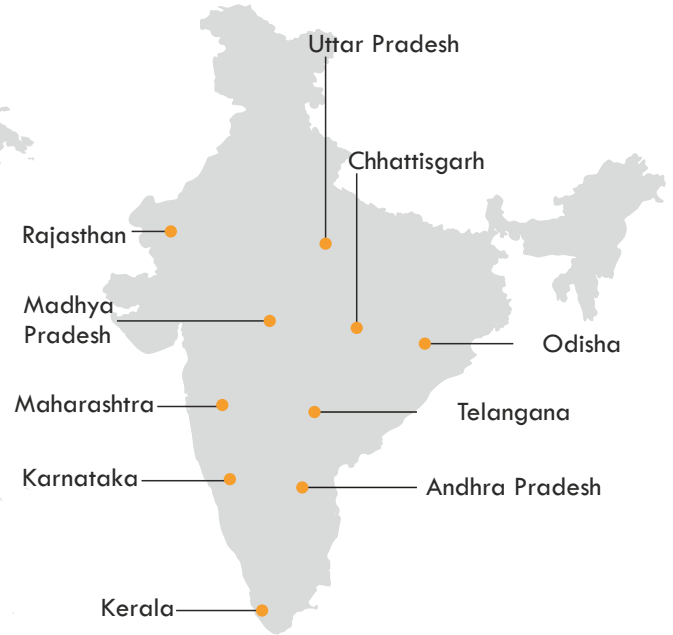
# DISPATCHING AND WORKING PHOTOS



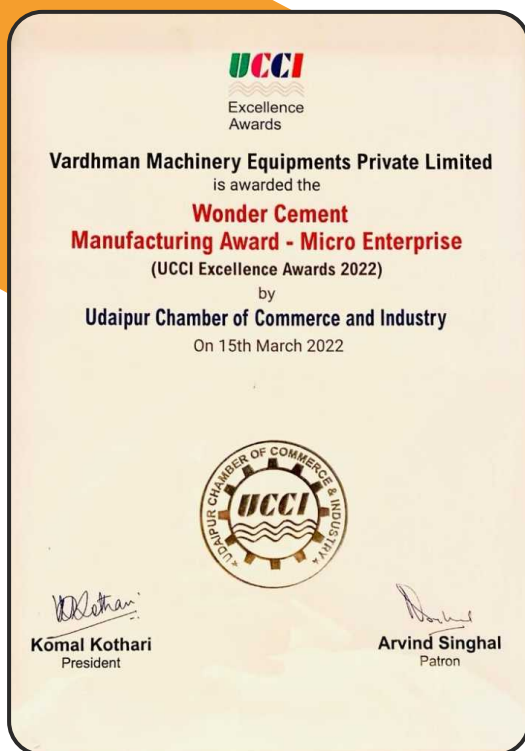
## SUPPLY IN WORLDWIDE



## SUPPLY IN INDIA



## Our Certification



## Contact Us

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