

LEELANJALI ROCK DRILL

Work Experience: Since 2013

This company has been in the market since 2016

About us...

LEELANJALI ROCK DRILL

Leelanjali Rock Drill is a trusted name in rock drilling, stone quarrying and cutting solutions, serving the demanding requirements of the marble, granite and construction industries. With field experience dating back to 2013, we have built our reputation around dependable products, practical solutions and heavy-duty performance.

Our focus is simple — to provide reliable, efficient and durable drilling and stone-cutting equipment that helps our customers improve productivity while reducing operational challenges. From drilling and quarrying to precision cutting and block sizing, our range is designed to perform in demanding working conditions.

Our Products & Solutions
We offer a comprehensive range of equipment and accessories for rock drilling and stone quarrying applications, including:

LD-4 & LD-6 Drilling Machines
Wire Saw Machines
Wagon Drill Machines
Diamond Wire Rope
Hydro Bags
Wire Saw Accessories
Jack Hammers & Spares
Drill Rods
Steel Wire Rope
Air Hose Pipes & Fittings

Our Diamond Wire Rope and wire-saw solutions are designed particularly for marble and granite cutting, block sizing and efficient quarrying operations, delivering precision, durability and high-speed cutting performance.

Our Commitment to Quality
At Leelanjali Rock Drill, we understand that quarrying and drilling equipment must with stand some of the toughest working environments. That is why we emphasize **durability, performance and quality control** across our product range.

Our products are developed with a practical understanding of field requirements, helping operators achieve dependable performance, longer service life and efficient operations.

Technology & Innovation
The stone industry continues to evolve, and so do we. We continuously focus on modern drilling and cutting technologies to provide solutions that keep our customers productive and competitive.

Our integrated range of drilling machines, wire saw systems, diamond wire and accessories enables us to support multiple stages of stone extraction and processing with dependable equipment.

Why Choose Leelanjali Rock Drill?
Experience - Years of practical field experience in rock drilling and stone quarrying. Reliable Performance - Heavy-duty products designed for demanding industrial applications. Complete Solutions - A wide range of machines, cutting tools, drilling accessories and related products. Quality Focus - Products selected and developed with emphasis on durability and consistent performance. Industry Understanding - Solutions designed around the real requirements of marble, granite and quarrying operations.

Our Vision
To become a leading and trusted provider of **rock drilling and stone-cutting solutions,** recognized for quality, innovation, reliability and customer satisfaction.

Our Mission
Our mission is to empower quarrying and construction professionals with high-performance drilling and cutting equipment that makes their work more efficient, productive and reliable.

WAIRE SAW MACHINE & SPARES PARTS

LEELANJALI ROCK DRILL develops top-quality wire saw machines. this is powerful and modern cutting tool. that enable precise cutting of marble and granite efficiently. wire was machine using a diamond wire cutting easily and perfect accuracy Our cutting-edge machine designs help the stone sector work more productively while staying easy to maintain Leelanjali Rock Drill manufacturing and supplying of high performing range of Wire Saw Machine that is manufactured from high quality materials, thus ensure high durability.

WIRE SAW MACHINE SPARES PARTS


WHEEL


THALI PINIAN


SPINDLE


AC /DC GEAR


CROSS HOLDER



R. RING 790

Feature	Typical Specification
Power	20 HP, 40 HP, 60 HP, or 75 HP
Power	3-Phase A.C.& D.C Electric Motor
Main Pulley	600 mm to 800 mm diameter
Control	1 HP DC motor with gearbox for traveling on tracks
Control	Independent electrical control panel (often with a 10m cable)

Without Spendle

A Single-Shaft Wire Saw Machine without spindle generally refers to a design where the main flywheel is mounted directly on the motor shaft, rather than through a separate spindle housing and belt-pulley system. Available in 40 HP, 60 HP, and 75 HP variants, catering to various cutting requirements





Spendle with Main Saft

When we talk about “Spindle with Shaft Wire Saw Machine”, it is a traditional design . its has been used many long time. All most people used this machine because powerful and simple machine available in 40 HP, 60 HP, and 75 HP variants, catering to various cutting requirements.

Direct Motor System

The Direct Motor Wire Saw (also known as the Direct Drive Wire Saw) is considered the most modern and efficient stone cutting machine. The main difference is that it does not have a separate spindle housing or belt-pulley system. Available in only 20Hp variants.



HAMMER & DRILL SPARES PARTS

Down-the-hole (DTH) hammers are pneumatic percussion tools that act as a jackhammer at the bottom of a drill string, using compressed air to drive a piston for high-speed rock drilling. offering fast penetration rates and straight hole stability.

DTH hammer bits include various types such as button bits, which are essential for down-the-hole drilling. Applications: DTH hammer bits are used in construction, mining, and water well drilling, providing cost-effective solutions for various drilling needs.

Specifications

Sizes: Ranging from 3 inches to 24 inches in diameter.
Powered by compressed air to drive a piston, which impacts the drill bit,
specialized tools are available to browse and select different hammer models.
Applications: Widely used in mining (blast holes)

Advantages

Efficient Energy Transfer: Direct, high-impact force provides fast drilling speeds.
Low Operating Cost: Reduced air and fuel consumption compared to other methods.



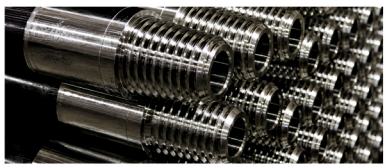
DTH HAMMER



DTH BUTTON BIT



HAMMER SAPRES



DRILL ROD



DRILL MACHINE



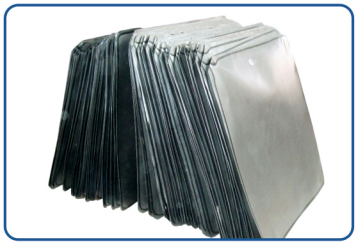
DRILL MACHINE SPARE

HAND DRILL MACHINE

We are engaged in manufacturing, supplying and exporting a broad array of Hydraulic Hand Drill Machine. This product is manufactured using optimum-grade material so that these are in compliance with international quality standards.
Acknowledged for their durability, toughness, energy efficiency and high productivity; these products can be availed with motor with rotation and winch units that provide additional power for faster drilling.

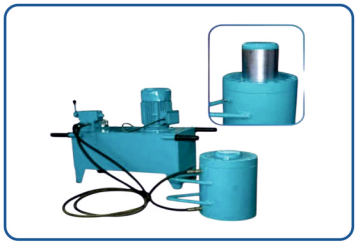






HYDRO BAG

We are involved in manufacturing and supplying a top quality range of Hydro Bag / Water Bag with Pump Set in Rajsamand, Rajasthan, India. Steel Cashion hydro-bag/hydro-bag is widely used in marble and stone quarrying industry, specifically for stripping blocks from the mountain, the revolutionary aspect of the HYDRO-BAG equipment lies basically in the possibility of stripping blocks up to 1000 tons or more. Hydro bag is operated with Water pump. It is use and throw type bag. It's usable for one time only.



JACK PATTI

Our Hydraulic Jack is a robust, high-performance lifting solution designed for heavy-duty industrial applications. Manufactured using premium-grade materials and advanced engineering, this jack ensures maximum strength, durability, and safety while handling heavy loads with ease.



WATER PUMP

Our High-Pressure Water Pump is a powerful and efficient solution designed for agriculture, industrial cleaning, and spraying applications. Built with precision engineering and durable materials, this pump delivers consistent pressure, smooth performance, and long service life, even in demanding conditions. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut elit tellus, luctus nec ullamcorper mattis, pulvinar dapibus leo.

LD4 AND LD6 MACHINE

The LD-4 Machine is a drilling machine designed for the stone industry with a focus on drilling holes in the horizontal and vertical planes of marble and granite. The LD-4 making it suitable for various application such as line drilling, blast hole drilling. The machine is known for its specially in task like splitting large stone, blocks and for its user-friendly design. also control panel, often designed for single user operator. Versatility **oil based LD-4, Grease based LD-4 machine** and newly **ld-6 machine.**

OIL TYPE LD4 : LIGHTWEIGHT AND AGILE

Specifications:

- The Oil Type LD4 model is built on a sturdy 4" chassis, combining lightweight design with agile performance for various quarrying applications.
- Capable of drilling 4.5" diameter holes to a depth of 25 meters, both vertically and horizontally, this model offers versatility and manoeuverability to tackle a wide range of drilling tasks with ease.



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 (4 feet) (can be customized)
Pneumatic motor power	4.5 hp / 6 hp
Minimum required pressure	7 bar – 10 bar
Approx weight	600 kg
Chassis	4 inch / 5 inch

GREASE TYPE LD4 : RIGID AND EFFICIENT

Specifications:

- The Grease Type LD4 model is constructed on a robust 5" chassis, renowned for its rigidity and drilling efficiency, designed to excel in demanding quarry operations.
- With the ability to drill 4.5" diameter holes to a depth of 25 meters, both vertically and horizontally, this model delivers superior stability, precision, and drilling speed, ensuring maximum productivity and performance
- It provides up to 30% faster drilling than the Oil Type LD4 and has far less lubricating oil consumption compared to oil type LD4 saving significant time and money.





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 (4 feet) (can be customized)
Pneumatic motor power	4.5 hp
Minimum required pressure	7 bar
Approx weight	700 kg
Chassis	5 inch

LD-6 FAST DRILLING MACHINE

This machine Is used for drilling In quarry. Its a heavy duty machine. it can drill both vertical and horizontal hole. the ld-6 machine is designed as an alternative to crawler machine, both perform the same work, but ld-6 machine is budget friendly.

TECHNICAL DETAILS:

ld-6 lenght	9 fit
vetical drilling depth	150 fit (max.)
Horizontal drilling depth	90 fit (max.)
Drill rod lenght	1.5 meter (4 fit)
Approx weight	1000-1200kg
Chassis	4.5 HP





LD-6 LUBARY PENAL

This is the control panel especially designed for operate the ld-6 machine with its help, even a single person can easily manage the machine.

Highlighting Construction Excellence

Both models are not just distinguished by their drilling capabilities but are also engineered on robust chassis meticulously designed to ensure optimal performance and durability. What sets our machines apart is that they are manufactured entirely in-house using state-of-the-art automated CNC machines.

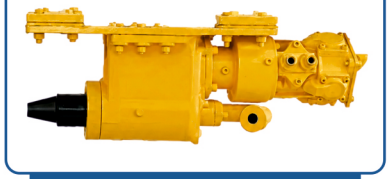
Choosing the Right Model for Your Needs

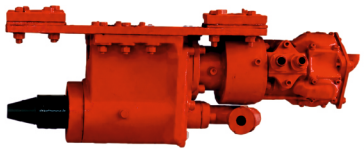
Whether you prioritize agility and versatility or require maximum rigidity and efficiency, Somani Industries offers the perfect rock drill machine to meet your specific requirements. Both the Oil Type LD4 and Grease Type LD4 models are engineered to deliver exceptional performance and reliability, ensuring optimal results in your quarrying operations.

Experience Unrivaled Performance with Somani Industries Rock Drill Machines

With our commitment to excellence and innovation, Somani Industries continues to be a trusted partner for quarry operators seeking superior rock drilling solutions. Our Oil Type LD4 and Grease Type LD4 models redefine industry standards, delivering unmatched performance, versatility, and efficiency to drive success in stone quarrying operations worldwide.

LD-4 & LD-6 MACHINES SPARE PARTS


LD-4 ROTATION MOTOR

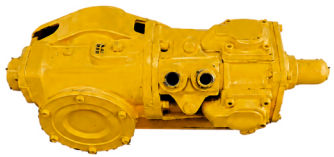

LD-6 ROTATION MOTOR

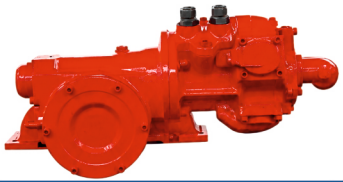

WINCH BODY


PLANETARY HOUSING


ROTATION BODY


CYLINDER


LD-4 WINCH MOTOR

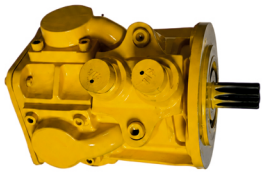

LD-6 WINCH MOTOR

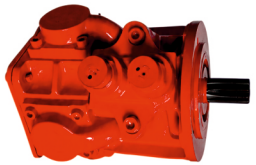

LINER BUSH


PLANETARY SHAFT


DOUBLE PISTON


ADAPTOR


LD-4 AIR MOTOR


LD-6 AIR MOTOR


WARM SHAFT


WARM WHEEL


PLANETARY GEAR

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