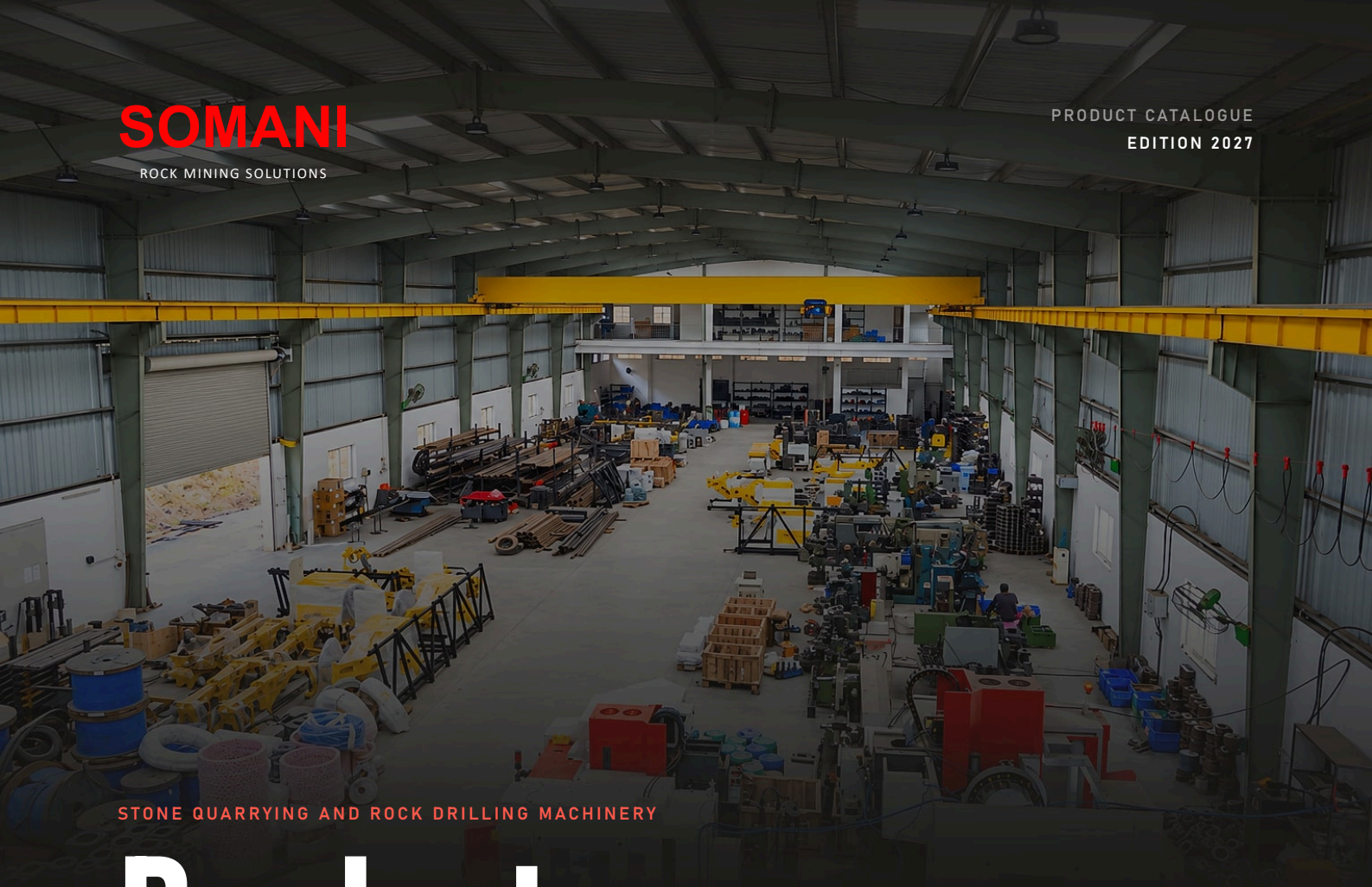
SOMANI

ROCK MINING SOLUTIONS

PRODUCT CATALOGUE
EDITION 2027



STONE QUARRYING AND ROCK DRILLING MACHINERY

Product Catalogue 2027

Wire saws, rock drills and quarry equipment, designed and built in Udaipur since 1990.

01 Wire saw machines 03

02 Rock drill machines 05

03 Quarry equipment and spares 10

MADE IN INDIA

COVER: INSIDE OUR PLANT, UDAIPUR

The range at a glance

Find the job, then turn to the page. Every machine is designed and built in our own plant in Udaipur.

NO.	MACHINE	USED FOR	KEY FIGURES	PAGE
01	**Wire saw machines**			
1.1	**Quarry Wire Saw Machine**	Cutting and dressing stone blocks in the quarry	20-75 HP, Standard and Single Shaft models	03
1.2	**RCC Cutting Wire Saw**	Cutting reinforced concrete	Track Type 20-30 HP, Crawler Type 35 HP	04
02	**Rock drill machines**			
2.1	**LD4 Slotter Rock Drill**	Vertical and horizontal holes in hard rock quarries	75-177 mm holes, 30 m, Grease or Oil Type	05
2.2	**LD7 / LD9 Slotter Rock Drill**	The same work, with more power	6 HP, requires 10-12 bar, 30 m both ways	05
2.3	**MR2 Rock Drill**	Light, portable drilling in any direction	52-125 mm holes, 25 m	06
2.4	**Wagon Drill Machine**	Self-propelled Top Hammer and DTH drilling	52-125 mm holes, 25 m	06
2.5	**Railway Tunnel Drilling Machine**	Drilling and anchoring in railway tunnels	Runs on rail, drills in any direction	07
2.6	**Excavator Mounted Drilling Machine**	Drilling from an excavator or loader	DTH and Top Hammer	07
2.7	**Borewell and Inwell Drilling Machines**	Water wells where truck rigs cannot reach	4 or 6 inch holes, up to 100 m	08
2.8	**Tractor Mounted Drilling Rig**	Vertical holes over rough ground	4 inch holes, 20-30 m	08
2.9	**Rock Anchoring and SDA Drilling Machines**	Slope protection and rock anchoring	BBC120 drifter, R25 / R32 rods	09
2.10	**Custom Rock Drill Machines**	Jobs a standard machine cannot do	Designed and built to order	09
03	**Quarry equipment and spares**			
3.1-3.10	**Equipment and spares**	DTH hammers and button bits, diamond wire rope, crimping tool, jack hammer, half set, SE 15 wedge hammering machine, stands, hydro bags		10

Since 1990

In the stone and rock drilling business for over three decades

CNC

Components made in-house on CNC machines

5+ years

Spare parts guaranteed after sale, with support across India

Quarry Wire Saw Machine

For cutting and dressing stone blocks in the quarry, on the widest machine body among wire saws in India.



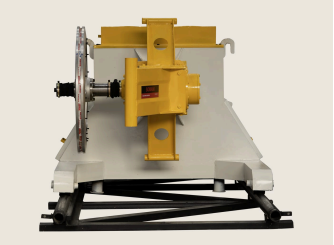
STANDARD MODEL	SINGLE SHAFT MODEL
20-75 HP	40-75 HP
WIRE SPEED	**TRACK LENGTH**
27-30 m/s	20 ft

- Wide, stable body for heavy cutting
- Timken or SKF main spindle bearings
- Hard chrome-plated spindle
- Heavy-duty track and main gearbox
- Control panel with MCCB, digital meters and BCH fittings
- Through-bolts that turn 360 degrees for easy replacement

Standard Model

20 / 40 / 60 / 75 HP

SIZE	20 HP	40 HP	60 HP	75 HP
Drive	Direct drive	Gearbox	Gearbox	Gearbox
Output speed	960 RPM	630 RPM	630 RPM	630 RPM
Main motor	20 HP, 960 RPM	40 HP, 1440 RPM	60 HP, 1440 RPM	75 HP, 1440 RPM
Wire speed	30 m/s	27 m/s	27 m/s	27 m/s
Flywheel diameter	625 mm	790 mm	790 mm	790 mm
Feed (track) motor	1 HP or 2 HP, AC or DC ALL SIZES			
Track length	20 ft ALL SIZES			
Power supply	415 V AC, 3-phase, 50 Hz ALL SIZES			



Single Shaft Model

40 / 60 / 75 HP

- More rigid gearbox than a conventional wire saw
- Spindle and shaft in one unit, maintenance-free
- Flywheel changeable on site

Full specifications on request.

ONLINE PRODUCT PAGE ›

RCC Cutting Wire Saw

For cutting reinforced concrete: on a rail track, or on crawler tracks with a wireless remote.





Track Type

20 / 25 / 30 HP

MAIN MOTOR	VARIABLE OUTPUT SPEED	FLYWHEEL DIAMETER
20-30 HP	0-1440 RPM	500 mm

Drive	Direct drive
Output speed	Variable 0-1440 RPM
Motor power	20 / 25 / 30 HP, 1440 RPM
Feed motor	1 HP AC
Flywheel diameter	500 mm
Power supply	415 V AC, 3-phase, 50 Hz

- Variable speed for different concrete
- Lightweight, rigid frame

Crawler Type

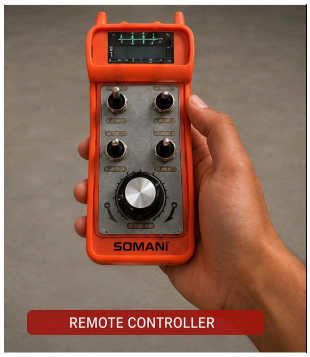
35 HP, remote operated

MOTOR POWER	TORQUE	WEIGHT
35 HP	260 Nm	500 kg

Motor power	35 HP, 960 RPM
Operation	Wireless remote
Travel	Battery power / plug-in
Torque	260 Nm
Weight	500 kg



Track Type on its rails, with guide pulley stands



Crawler Type, wireless remote

ONLINE PRODUCT PAGE › VIDEO ›

LD4 and LD7 / LD9 Slotter Rock Drills

Pneumatic slotter rock drills for vertical and horizontal holes in hard rock quarries.



LD4 Grease Type



LD4 Oil Type



LD7 / LD9

MODEL	LD4 Grease Type	LD4 Oil Type	LD7 / LD9
Hole diameter		3-7 inch (75-177 mm) ALL THREE	
Horizontal drilling depth		30 m ALL THREE	
Vertical drilling depth	25 m	25 m	30 m
Drill pipe		76 / 62 mm, 1.5 m long ALL THREE	
Motor power	4 HP	4 HP / 6 HP	6 HP
Air pressure required	7-10 bar	7-10 bar	10-12 bar
Chassis	5 inch	4 inch	5 inch
Weight	700 kg	600 kg	740 kg

Which one

LD4 Grease Type

- Drills up to 30% faster
- No constant oil top-ups in its motors
- 4 HP motor, requires 7-10 bar air pressure

LD4 Oil Type

- 4 HP or 6 HP motor
- Lightest of the three, 600 kg
- 4 inch chassis

LD7 / LD9

- 6 HP motors, requires 10-12 bar air pressure
- Drills faster than the LD4 at 12 bar
- 30 m vertical depth

ALL THREE DTH and Top Hammer (Drifter) drilling. Easy to anchor, dismantle and move.

ONLINE LD4 › LD7 / LD9 ›

2.3

MR2 Rock Drill

Light, portable drilling in any direction: tunnels, mountains and construction sites.



KEY FACTS

Drilling depth	25 m
Drilling diameter	52-125 mm
Drilling	Top Hammer or DTH
Direction	Any

GOOD TO KNOW

- Our lightest tyre-mounted rig
- One operator can move it
- Angle set with a simple screw mechanism

ONLINE PRODUCT PAGE ›

2.4

Wagon Drill Machine

Self-propelled pneumatic drilling, Top Hammer and DTH.



KEY FACTS

Hole diameter	52-125 mm
Drilling depth	25 m
Rods	DTH: 62 mm / 75 mm. Top Hammer (Drifter): R25 / R32
Motor power	4 HP / 6 HP
Air pressure required	7-12 bar
Weight	1,100 kg
Drilling	Top Hammer and DTH

GOOD TO KNOW

- Self-propelled, rigid and energy efficient
- Optional extra differential and motor to drive the tyres on rough ground
- Easy to operate, low maintenance

ONLINE PRODUCT PAGE ›

2.5

Railway Tunnel Drilling Machine

Drilling and anchoring in railway tunnels.



KEY FACTS

Drilling	DTH and Top Hammer
Runs on	Steel wheels for railway track
Direction	360 degrees

GOOD TO KNOW

- For tunnel drilling and anchoring work

ONLINE PRODUCT PAGE › VIDEO ›

2.6

Excavator Mounted Drilling Machine

A drilling rig that mounts on an excavator or loader.



KEY FACTS

Drilling	DTH and Top Hammer
Mounts on	Excavators and loaders

GOOD TO KNOW

- Adapted to suit your excavator model
- Reaches places conventional drills struggle to
- Moves quickly between drilling locations

ONLINE PRODUCT PAGE › VIDEO ›

2.7

Borewell and Inwell Drilling Machines

Portable water well and in-well drilling, where truck rigs cannot reach.



KEY FACTS

Hole diameter	4 inch / 6 inch
Drilling depth	Up to 100 m

GOOD TO KNOW

- Portable
- Can be built for other diameters and depths

ONLINE PRODUCT PAGE ›

2.8

Tractor Mounted Drilling Rig

Vertical drilling from a tractor, over rough ground.





KEY FACTS

Hole diameter	4 inch
Drilling depth	20-30 m
Drilling	DTH and Top Hammer, vertical

GOOD TO KNOW

- Moves easily over rough terrain and between holes

ONLINE PRODUCT PAGE ›

2.9

Rock Anchoring and SDA Drilling Machines

Slope protection and rock anchoring in mountains: self-drilling anchors (SDA) and rock bolts.



KEY FACTS

Top Hammer	BBC120 drifter
Suitable rods	R25 / R32
Winch mechanism	Grease Type or Oil Type motor

GOOD TO KNOW

- Among the lightest Top Hammer machines for this work
- Dismantles into parts that can be carried by hand

ONLINE PRODUCT PAGE ›

2.10

Custom Rock Drill Machines

Rock drilling machines designed and built around your application.



KEY FACTS

Design	Our own design department
Built for	Jobs conventional machines cannot do, or not economically

GOOD TO KNOW

- Tell us the job and the ground; we design the machine

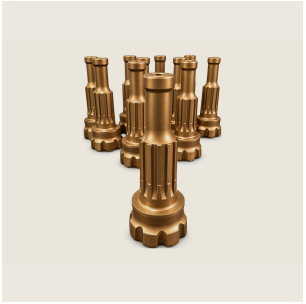
ONLINE PRODUCT PAGE ›

Equipment and spares

Tools, consumables and accessories for wire saw and rock drill work.



3.1 DTH Hammer



3.2 DTH Button Bits



3.3 Diamond Wire Rope



3.4 Crimping Tool and Wire Cutter



3.5 Jack Hammer



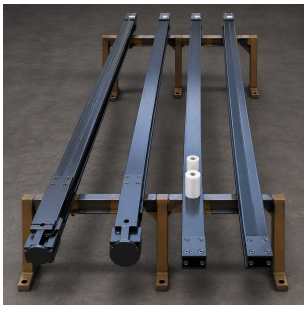
3.6 Half Set (Wedge and Feathers)



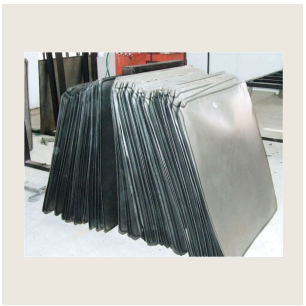
3.7 SE 15 Pneumatic Wedge Hammering Machine



3.8 Guide Pulley Stand



3.9 Box Cutting Stand



3.10 Hydro Bags (Water Bags)

5+
YEARS

Spare parts for every Somani machine

Guaranteed for more than 5 years after sale, with prompt support across India. Tell us the machine and the part.

About Somani Industries

We design and build stone quarrying and rock drilling machinery in Udaipur, Rajasthan, for marble, granite and sandstone quarries, tunnelling and construction work.



The Somani team outside our plant in Udaipur

1990

Somani & Company founded in Udaipur, with branches at Kelwa and Kesariyaji.

2008

Somani Industries set up to manufacture stone quarrying machinery.

2017

Somani Engitech adds capacity and automated production at RIICO Industrial Area, Kaladwas.

Why Somani

01	**Three decades in rock drilling**	In the rock mining and drilling equipment business for over three decades.
02	**CNC machining**	All our components are made in-house on CNC machines. That precision makes our machines more reliable and repairs simpler.
03	**Spare parts, guaranteed**	Spare parts guaranteed for more than 5 years after sale, with prompt support across India.
04	**Built for your application**	Our design department builds machines around the job, from tunnelling and forepoling to rock anchoring, slope protection and crown drilling.
05	**Trusted components**	Proven parts where they matter, such as Timken or SKF spindle bearings and genuine BCH electrical fittings.



SOMANI

ROCK MINING SOLUTIONS

Tell us about your requirements

Send us the job and the material, and we will recommend the right machine and quote.

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MADE IN INDIA

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