



**SMART**

# THE ONLY SUBSTITUTE WHERE BLASTING IS NOT ALLOWED.

**Smart Hydraulic Rock & Concrete Splitters**



**CUTTING EDGE  
TECHNOLOGY**



**BESPOKE  
SERVICE**



**DURABLE, HIGH  
QUALITY PRODUCTS**



**EXPERIENCED  
ADVISOR SERVICE**

We have evolved as an internationally successful manufacturer of Hydraulic Rock Splitter product as well as Hydraulic rescue tools & safety equipment.







Shrikrishna is a group of companies which started its operation in 1964 in Pune. Shrikrishna Agro Equipment Pvt. Ltd. is a part of Shrikrishna Group.

The Company is engaged in design and manufacturing of specialized Hydraulic Equipments like Hydraulic Rescue Equipment, Hydraulic Rock Splitter etc. which are import substitute.

These products are manufactured under the Government Policy of "MAKE IN INDIA".

We have in house design, R&D, Manufacturing and Testing Facilities.

We have wide range of Hydraulic equipment by the brand name "SMART



## OUR Smart Rescue Equipments

SMART HYDRAULIC  
ULTRA LARGE ROCK SPLITTER  
S-1200/ S-1800

THE HYDRAULIC  
ROCK SPLITTERS  
S-36s, S-36, S-90, S-240.

HYDRAULIC POWER PACK  
Diesel, Petrol  
and Electrical Motor.

HYDRAULIC  
CONCRETE CRUSHER

HYDRAULIC  
CUTTER

HYDRAULIC  
SPREADER

HYDRAULIC  
COMBI TOOL

AIR VENTILATOR

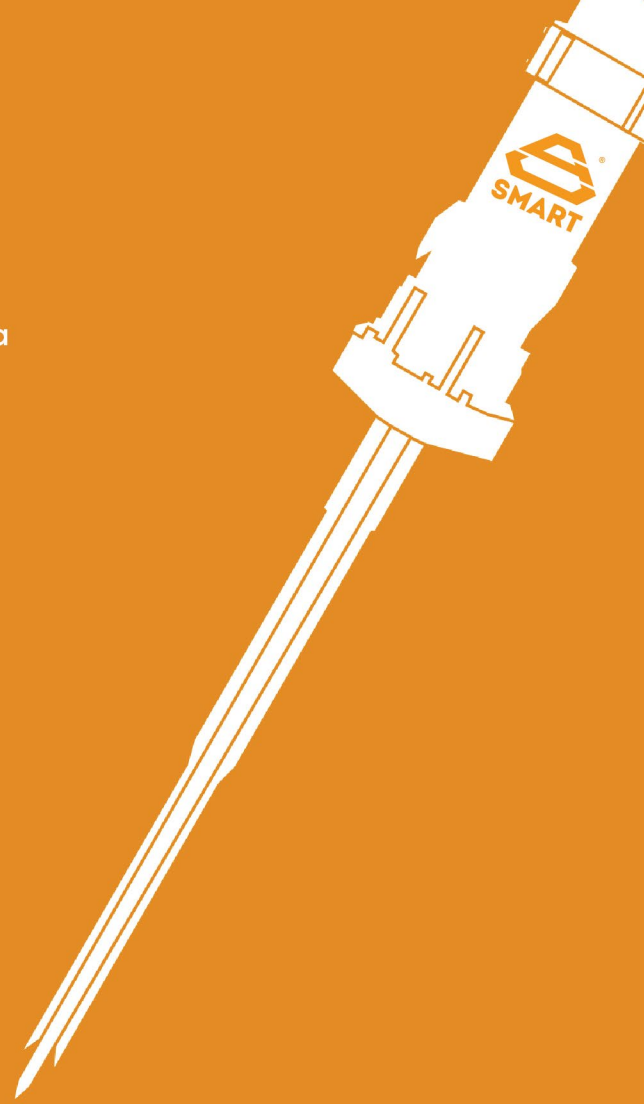
SMART  
HIGH PERFORMANCE FAN

HYDRAULIC  
DE-WATERING PUMP

RESCUE VAN

SMART RESCUE EQUIPMENTS

Shrikrishna is a group of companies which started its operations in 1964 in Pune, with established infrastructure spread over the area of 40,000 sq.ft. The group is an OEM and is operational with skilled engineers and technicians and in-house R&D center. Our expertise lies in manufacturing of diverse products with its clients worldwide. We have evolved as an internationally successful manufacturer of Hydraulic Rock Splitter product as well as Hydraulic rescue tools & safety equipment in India.





## Unleashing Efficiency with Hydraulic Rock Splitters S36S for Swift Rock and Concrete Splitting

Shrikrishna Equipment hydraulic rock splitter is one of the most popular rock splitter products in India. This rock splitter material of the splitting cylinder is high strength aluminum and special steel material. It is light weight easy to handle and creating high performance pressure. Hydraulic splitter splits much faster and gives greater output, it can be used for horizontal as well as vertical position for cracking or splitting concrete and rocks. The Hydraulic rock splitters are available in different models S-36s, S-36, S-90, S-240.



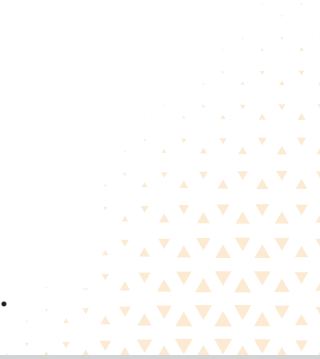
Mainly use for Slab breaking,  
Trenching works, for splitting the bolders



Model	Types of Wedge Set	Drill Hole Diameter (mm)	Drill Hole Depth (mm)	Splitting Distance (mm)	Splitting Force (kn/ton)	Length of Splitter (mm)	Weight (kg)
S36s	R	36-38	320	10-15	3190/319	800	18

### KEY SPECS OF S36S

- Single person can easily use to perform operation.
- Hydraulic Rock Splitter produces force of 415 Tons.
- Hydraulic Rock Splitter can work under water.
- Powerful on all types of ground strata.
- It can be used vertical and horizontal direction.
- Performs smooth splitting operation.
- Noiseless, environment – friendly and dust free operation.
- Operator can easily learn to operate the splitter within a short time.



## Breaking Boundaries: Shrikrishna's High-Performance Hydraulic Rock Splitter S36

Mainly use for Piles breaking, Slab breaking, Trenching works, for splitting the bolders

10DE Powerpack



Model	Types of Wedge Set	Drill Hole Diameter (mm)	Drill Hole Depth (mm)	Splitting Distance (mm)	Splitting Force (kn/ton)	Length of Splitter (mm)	Weight (kg)
S36	R	40 - 42	410	15-20	4525/460	995	22

### KEY SPECS OF S36

- Single person can easily use to perform operation.
- Hydraulic Rock Splitter produces force of 415 Tons.
- Hydraulic Rock Splitter can work under water.
- Powerful on all types of ground strata.
- It can be used vertical and horizontal direction.
- Performs smooth splitting operation.
- Noiseless, environment – friendly and dust free operation.
- Operator can easily learn to operate the splitter within a short time.

## Lightweight Powerhouse: Shrikrishna's S90 Hydraulic Rock Splitter Sets New Standards

The Shrikrishna Equipment hydraulic rock splitter stands out as a widely favored rock splitting solution in India. Crafted from robust aluminum and special steel, its splitting cylinder boasts high strength while remaining lightweight for effortless handling. This design facilitates exceptional performance pressure, enabling rapid and efficient splitting. Whether positioned horizontally or vertically, this hydraulic splitter outperforms by delivering swift results and increased output. The product line includes various models such as S-36s, S-36, S-90, and S-240, catering to diverse needs in concrete and rock cracking and splitting.



Mainly use for Trenching works, For splitting the bolders, surface breaking, Hard rock splitting

10DE Powerpack



Model	Types of Wedge Set	Drill Hole Diameter (mm)	Drill Hole Depth (mm)	Splitting Distance (mm)	Splitting Force (kn/ton)	Length of Splitter (mm)	Weight (kg)
S90	R	48-50	450	18-55	3500/358	1190	24

### KEY SPECS OF S90

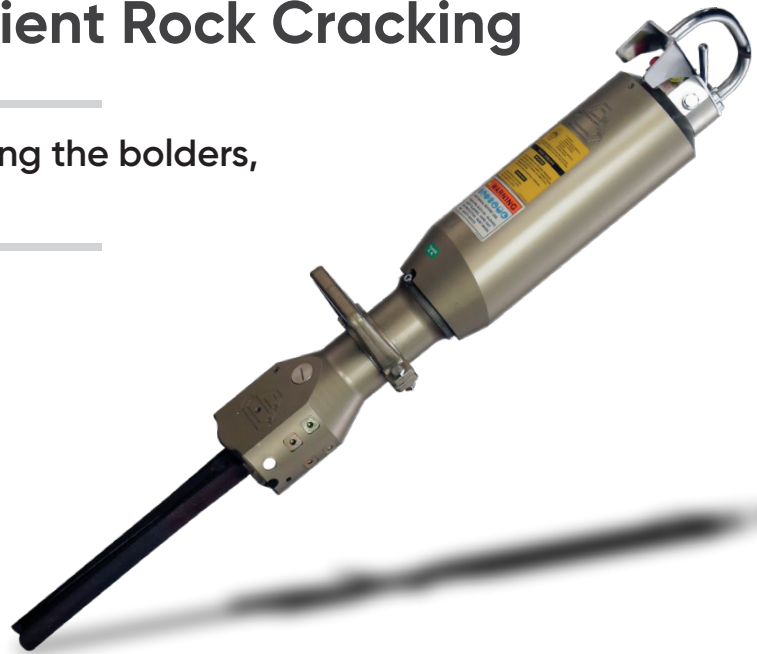
- Single person can easily use to perform operation.
- Hydraulic Rock Splitter produces force of 358 Tons.
- Hydraulic Rock Splitter can work under water.
- Powerful on all types of ground strata.
- It can be used vertical and horizontal direction.
- Performs smooth splitting operation.
- Noiseless, environment – friendly and dust free operation.
- Operator can easily learn to operate the splitter within a short time.



## Shrikrishna's S240 Hydraulic Rock Splitter: The Ultimate Solution for Efficient Rock Cracking

Mainly use for Trenching works, for splitting the bolders, surface breaking, Hard rock splitting

10DE  
Powerpack



Model	Types of Wedge Set	Drill Hole Diameter (mm)	Drill Hole Depth (mm)	Splitting Distance (mm)	Splitting Force (kn/ton)	Length of Splitter (mm)	Weight (kg)
S240	R	48-50	610	20-50	4950/505	1290	35

### KEY SPECS OF S240

- Single person can easily use to perform operation.
- Hydraulic Rock Splitter produces force of 505 Tons.
- Hydraulic Rock Splitter can work under water.
- Powerful on all types of ground strata.
- It can be used vertical and horizontal direction.
- Performs smooth splitting operation.
- Noiseless, environment – friendly and dust free operation.
- Operator can easily learn to operate the splitter within a short time.



## SOLID STRENGTH, SWIFT SPLITTING

### Experience the Excellence of Robust Aluminum and Special Steel

Wedge set inserted in pre-drilled hole of 108-118 mm diameter and 1800 mm deep. S-1200 cylinder pushes centre wedge between two counter wedges. Which applies a 2500 ton splitting force on side wall of rock hole, resulting in splitting of rock without any noise and vibration. The output of the S-1200 will be @ 250 to 300 m<sup>3</sup> per day.

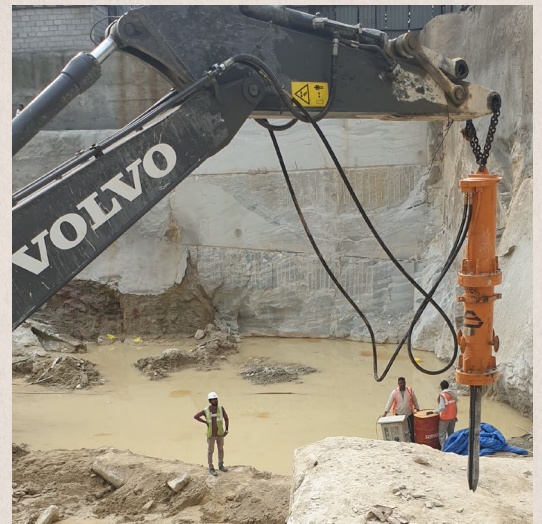


#### WORKING OF S-1200:

- Insert wedge set into a pre-drilled hole (108 - 118 mm diameter, 1800 mm deep).
- S-1200 cylinder pushes center wedge between two counter wedges.
- Applies a 2500 ton splitting force on the side wall of the rock hole.
- Results in rock splitting without noise or vibration.
- Splitting operation time for a single hole: 60 seconds.

#### Output:

- S-1200 delivers an output of 250 to 300 m<sup>3</sup> per day.



**Mounted on Excavator from 16 ton to 30 ton | Openface to distance 2ft & height 2 mtr**

Model	Drill Hole Diameter mm	Drill Hole Depth mm	Splitting Distance mm	Splitting Force kn\ton	Wedge Diameter Mm	Wedge Length mm	Length of Splitter mm	Cylinder Length mm	Hydraulic Pressure bar min/max	Weight Kg
S1200	115-120	1800-2000	20-25	24516/2500	112-115	1200	3000	1850	350/500	850

#### TO OBTAIN MAXIMUM OUTPUT FOLLOWING STEPS RECOMMENDED:

**Step 1 :** Insert half of the total length of wedge and operate the splitter.

**Step 2 :** Insert about 3/4th of the total length of wedge to split again.

**Step 3 :** Finally insert the total length of wedge and split to complete.

S-1200 can be used for open trenching, foundation blocks. Tunnel excavations.

The splitter can be mounted on crane & normal excavate open pits, shafts, micro tunneling etc.



## PRECISION ENGINEERING, UNMATCHED POWER Conquer Rocks with Shrikrishna's Hydraulic Splitters S1800



Model	Drill Hole Diameter mm	Drill Hole Depth mm	Splitting Distance mm	Splitting Force kn\ton	Wedge Diameter Mm	Wedge Length mm	Length of Splitter mm	Cylinder Length mm	Hydraulic Pressure bar min/max	Weight Kg
S1800	127-140	2700-3000	25	53936/5500	123-130	1958	4500	2550	300/500	1750

### WORKING OF S-1800:

- Insert wedge set into a pre-drilled hole (126 - 133 mm diameter, 2700 mm deep).
- S-1800 cylinder pushes center wedge between two counter wedges.
- Applies a massive 5500-ton splitting force on the side wall of the rock hole.
- Results in efficient rock splitting with no noise or vibration.
- Splitting operation time for a single hole: 60 seconds.

### Output:

S-1800 boasts an impressive output of 400 to 500 m<sup>3</sup> per day.



Mounted on Excavator from 20 ton to 40 ton | Openface to distance 2.5ft & height 2 mtr



We strive to exceed our clients expectations in terms of quality, delivery and value by tracking our performance continuously & focusing on improvement and consistency.



 Abba Developers Pvt. Ltd

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