



# THE ONLY SUBSTITUTE WHERE BLASTING IS NOT ALLOWED.

Smart Hydraulic Rock & Concrete Splitters



**Diesel  
Powerpack  
for splitter**



**Electric  
Powerpack  
for splitter**



**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.

## 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

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)
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 319 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 460 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.

## ABOUT SHRIKRISHNA AGRO EQUIPMENT PVT. LTD.

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.



Scan to know more  
About our products



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## 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 boulders, 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.

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## DIESEL POWERPACK FOR SPLITTER

Shrikrishna manufactures most powerful hydraulic power packs powered by petrol and diesel engines which are fuel efficient. High quality raw material is used which can withstand high hydraulic pressures for longer durations. This power packs generates operating pressure of 50 MPA (500 BAR). With this single power pack 5 tools can be operated at a time.

**Diesel Powerpack Mainly use for**  
All types of small hydraulic rock splitters  
(Hand Held)



Model	Type	Rating (Kw/Hp)	Maximum number of tools operated	Weight (kg)	Length (mm)	Height (mm)	Width (mm)	Pump Capacity (liters)
Diesel	10-DE	6.75 / 10.0	1-5	130	1200	780	830	5.4

## ELECTRIC POWERPACK FOR SPLITTER

We are manufacturing a wide range of custom model products according to customer specification. we use only the finest quality of raw materials to create a quality of Product.

**Electric Powerpack Mainly use for**  
All types of small hydraulic rock splitters  
(Hand Held)



Model	Type	Rating (Kw/hp)	Maximum Number Of Tools Operated	Weight (Kg)	Length (Mm)	Height (Mm)	Width (Mm)	Pump Capacity (Liters)
Electric	2-EM	1.8/2.5	1 No	60 Kg	540	670	530	2.5
Electric	5-EM	4.0/5.0	1-4 Nos	80 Kg	540	670	530	5.4

## 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

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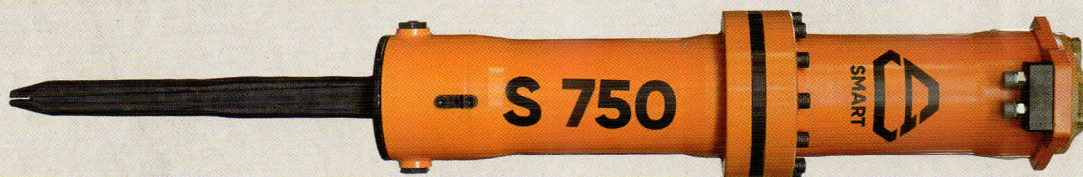


# BAKHOE LOADER (JCB) MOUNTED

## SMART ULTRA LARGE HYDRAULIC ROCK SPLITTER S-750

Launching new hydraulic rock splitter model **S750** larger than just S240 and little bit smaller than S950. Mainly for building constructions and trenching work.

**THE ONLY SUBSTITUTE  
WHERE BLASTING IS NOT ALLOWED**



Working of S-750: Wedge set inserted in pre-drilled hole of 76 mm diameter & 1200-1400 deep. S-750 cylinder pushes centre wedge between two counter wedges. Which applies a 2000-2500 ton splitting force on side wall of rock hole, resulting in splitting of rock without any noise and vibration. The splitting operation time for a single hole is 60 secs.



### Specification | Splitters

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 min/max bar	Weight Kg
S750	76	1200-1400	18-25	2000-2500 201-251	74-76	786	2100 - 2200	1320- 1450	350-500	400-470

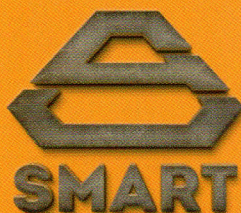
### TO OBTAIN MAXIMUM OUTPUT FOLLOWING STEPS RECOMMENDED:

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

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

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

S-750 can be used for open trenching, foundation blocks. Tunnel excavations. The splitter can be mounted on crane & normal excavate open pits, shafts, micro tunneling, building constructors, and mining where lesser open space is available.



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# BAKHOE LOADER (JCB) MOUNTED

## SMART ULTRA LARGE HYDRAULIC ROCK SPLITTER S-950

Launching new hydraulic rock splitter model S950 larger than just S750 and little bit smaller than S1200. Mainly for building constructions and trenching work.



Working of S-950: Wedge set inserted in pre-drilled hole of 76 mm diameter & 1400-1600mm deep. S-950 cylinder pushes centre wedge between two counter wedges. Which applies a 3000-3500 ton splitting force on side wall of rock hole, resulting in splitting of rock without any noise and vibration.

The splitting operation time for a single hole is 60 secs.

### Specification | Splitters

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 min/max bar	Weight Kg
S950	76	1400-1600	15-26	3000-3500 301-351	74-76	986	2320-2450	1320-2450	350-500	450-520

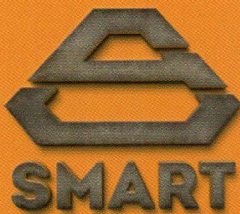
### TO OBTAIN MAXIMUM OUTPUT FOLLOWING STEPS RECOMMENDED:

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

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

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

S-950 can be used for open trenching, foundation blocks. Tunnel excavations. The splitter can be mounted on crane & normal excavate open pits, shafts, micro tunneling, building constructors, and mining where lesser open space is available.



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## HYDRAULIC COMBI TOOL

### Unstoppable Rescue Operations

The hydraulic Combi Tool is used for rescue operations in Road, railway, air, marine crash rescue, earthquake & other disaster rescue, building-collapse. This cutter and spreader tool can deform metal structures or shear metal of vehicles by spreading or cutting. The hydraulic cutter and spreader tool can move heavy object.



Model	Spreading force (Tons)	Cutting capacity (MM)	Max pulling length (mm)	Max Spreading Distance (mm)	Max pulling force (Tons)	Weight (kg)
SR3000	5.2	28	380	450	7.4	18.5

## HYDRAULIC HAND OPERATED COMBI TOOL

The hydraulic Combi Tool is used for rescue operations in Road, railway, air, marine crash rescue, earthquake & other disaster rescue, building-collapse. This cutter and spreader tool can deform metal structures or shear metal of vehicles by spreading or cutting. The hydraulic cutter and spreader tool can move heavy object.



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## HYDRAULIC CUTTER

Introducing straight type & C-Type Precision Blades

C - Type Blades can naturally cut the object to the position with the max cut force, it can concentrate the strength and make cutting more efficient. The cutting edge is designed for safe operations.

### CUTTER RS2000

#### Mainly Use For

- Rod Cutting
- Grill Cutting
- Sheet Metal Cutting
- Square Tube Cutting
- Rebranguler Tube Cutting
- Coloum Of Car Windows
- Bonet Of The Vehicle



### CUTTER RS1000

#### Mainly Use For

- Vehicle Hinges Cutting
- Rod Cutting • Grill Cutting
- Sheet Metal Cutting
- Square Tube Cutting
- Rebranguler Tube Cutting
- Coloum Of Car Windows
- Bonet Of The Vehicle



Model	Cutting Force (Tons)	Cutting Capacity (Mm)	Blade Opening (Mm)	Weight (Kg)
Cutter RS2000	48	28	240	17.5
C Cutter RS1000	45	22	170	17

## HYDRAULIC SPREADER

The function of spreading, tearing, clamping, Pulling etc. Without the need of changing working head. The working head with unique anti-skid design. The manual reversing valve equipped with neutral automatic retract after release of grip makes operation convenient and more safe.

### SHS-600 Mainly Use For

- Car Bonet opening in rescue opration
- Spreading a lift door
- Spreading the grills
- Spreading the MS Tubes



Model	Spreading Force (Kn)	Max Spreading Distance (Mm)	Max Pulling Length (Mm)	Max Pulling Force (Kn)	Weight (Kg)
SHS-600	840	740	600	71	17

## HYDRAULIC DEWATERING PUMP

The Hydraulic De-Watering pump is a lightweight, yet heavy duty pump capable of pumping high volumes of water, sand slurries, gravel, sludge and solids .

It features a "free flow" impeller with a direct drive hydraulic motor designed for continuous use, and can be run dry without damage.

De- Watering pump weighs just 17 kg, This light weight feature makes it the most convenient equipment for rescue operations.



Type	Dimention (HxD) (mm)	Outlet Dia (mm)	Flow (L/m)	Water Head (mtr)	Oil Flow (L/m)	Weight (Kg)
Hydraulic motor driven	350*370	80	1900	35	10-15	17

## RESCUE VAN

A rescue van or vehicle is a special vehicle equipped with rescue tools, designed and manufactured by Shrikrishna Agro Equipment Pvt. Ltd.

They are primarily designed to provide specialized rescue equipment necessary for rescue operations. These vans are designed to accommodate maximum rescue tools with ease of handling. These Rescue vans are fitted with Hydraulic lift jacks, Hydraulic spreaders, Cutters, Ventilation fans, cutting torches, circular saws, air bags and other.

Depending on the size of the vehicle and the equipment it carries. A rescue vehicle has different categories, such as light, medium, heavy rescue vans, While each of these categories often have overlapping tasks, they may be classified differently on the emergency calls they attend.



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## THE HYDRAULIC RESCUE EQUIPMENTS

### ELECTRICAL POWER PACK FOR RESCUE TOOL

Mainly use for All types of rescue equipments



Model	Type	Rating (Kw/Hp)	Maximum number of tools operated	Weight (kg)	Length (mm)	Height (mm)	Width (mm)	Pump Capacity (liters)
Electric	2- EM	1.8/2.5	1-2	40	450	600	270	2.5

### PETROL POWERPACK FOR RESCUE TOOL

Mainly use for All types of rescue equipments



Model	Type	Rating (Kw/Hp)	Maximum number of tools operated	Weight (kg)	Length (mm)	Height (mm)	Width (mm)	Pump Capacity (liters)
Petrol	3.5 PEH	2.3/3.5	1-2	30	450	370	450	3.5

### SMART HYDRAULIC JACK



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## AIR VENTILATOR

Air Ventilator is used for fresh air ventilation in enclosed area & during disaster also can be used for smoke extraction and removal of leaked gases forcing in fresh air. This ventilator can be used for basement ventilations can find area ventilation removal of gases and smoke by section.

The key advantages of the Air ventilator are that it enables firefighters to work with the greatest safety providing fresh air in the fire smoke zone which helps them to find victims much more quickly, and to reduce damage.

Air Ventilators are also used to supply fresh air to the workers cleaning drainage lines.



Technical Data	Dimensions (Mm)	Power (Kg/cm <sup>2</sup> /HP)	Inlet Dia (Mm)	Fan Material (Cum/hr.)	Air Flow (Cum/hr.)
SHV 280	600*500*700	7	200	Polypropylene	2100
SHV 280 DE	600*500*700	3-5 HP	200	Polypropylene	2100

## SMART HIGH PERFORMANCE FAN

Smart high-performance ventilator fans is used for fresh air ventilation in large in closed area like malls public spaces office offices et cetera during disaster for smoke extraction and removal of leakage gas is forcing in fresh air to protect victims and fire fighters rescue team due to extraction of smoke the risk of explosion of gases smoke is taken care of

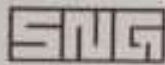
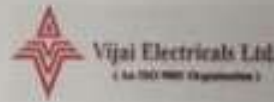
The key advantages of the Air ventilator are that it enables firefighters to work with the greatest safety providing fresh air in the fire zone which helps them to find victims much more quickly, and to reduce damage and rescue people

Air Ventilators are also used to supply fresh air to the workers cleaning drainage lines.



Model	Air Flow (m <sup>3</sup> /h)	Fuel Tank Capacity (Liters)	Dimension (Mm)	Prime Mover (Hp)	Fuel	Running Time
High Performance ventilator Fan	20,000	6	680*840*500	6.5	Disel	With 1 tank approx. 120 min at full load

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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