



SRE DHANALAKSHMI EQUIPMENTS AND COMPANY



JAW CRUSHER

◆ Optimized design with latest 3D software and FE Analysis provide high capacity and lower power consumption, when compared with similar sized machines of competitors. Our crushers are tough and resilient and work successfully across applications such as basalt, granite, quartzite, river gravel, silica sand, etc., Hillstone welded Body HSI series' Jaw Crushers are the hallmark of quality and reliability. Our Primary crushers accept large feed size for output which is accepted by cone crushers of corresponding capacity. Our secondary crushers are designed to achieve the aggregate shape conforming to all elongation and flakiness index tests..

◆ We offer an excellent combination of world class products with pre-and post-sales services and technical support. The technical support from Hillstone ensures maximum productivity. minimized maintenance and little or no downtime!

◆ We have an installed base of over 5000 crushers. As a result, the number of our highly satisfied customers has grown in the construction stone industry in India globally.

Salient Features



**Simple
Robust Design**



**High strength,
Low Weight**



**High Capacity &
High Reduction**



**Large feed &
Higher range
of settings**



**High reliability
and High quality
manufacturing**

Construction Features

Main Frame (Body) : Welded Plates (IS 2062), Ultrasonically tested provided with reinforcements for rigidity

Eccentric Shaft : Forged Alloy steel, Heat treated, precision CNC machined

Bearing Housing : Cast Steel, precision CNC machined

Labyrinth Seals : Provided to ensure dust free operation of Bearings

Toggle Mechanism : Sized accurately to act as a safety device and precision machined. Hydraulic Jack is provided for ease of setting (CSS).

Side Plates : Manganese Steel (IS 276) Hi-grade casting with reversible design longer life

Jaw Stock (Lever) : Cast Steel (IS 1030) precision CNC machined

Locking Assembly : Keyless connection between shaft and flywheel for convenient removal and interchanging of Fly Wheels

Bearings : Large size Spherical Roller Bearings (Double Row)

Flywheels : Large Diameter, Interchangeable either side, option of V Belts or Flat Belts

Jaw Plates : Manganese Steel (IS 276) Hi-grade casting with reversible design for longer life

Single Toggle Primary Jaw Crushers - 60 to 600 TPH

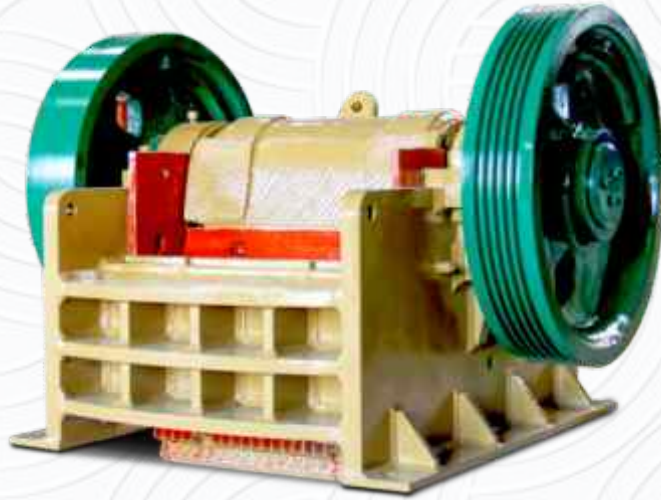


		PRIMARY CRUSHERS			
		HSSC 3224	HSSC 3628	HSSC 4232	HSSC 4632
Feed Opening	IN	32 x 24	36 x 28	40 x 30	46 x 32
	MM	850 x 600	900 x 700	1050 x 800	1150 x 800
Max.Feed Size	IN	22	26	30	30
	MM	550	650	750	750
Motor Power	Kw	44	75	110	132
	HP	60	100	150	180
Crusher Speed	RPM	275	265	250	250

Crushing Capacity in Tons Per Hour (TPH)

Closed Side Setting (CSS)		32 x 24	36 x 28	42 x 32	46 x 32
Inches	mm				
2.1/2	65				
3"	75	75 - 80			
3.1/2"	90	80 - 85	100 - 110	160 - 170	180 - 200
4"	100	85 - 95	110 - 125	170 - 190	200 - 220
5"	125		125 - 130	180 - 210	220 - 250
6"	150			200 - 220	250 - 270
7"	175				

Single Toggle Secondary Jaw Crushers



		SECONDARY CRUSHERS		
		HSSC 2416	HSSC 3008	HSSC 3608
Feed Opening	IN	24 x 16	30 x 8	36 x 8
	MM	600 x 400	800 x 200	900 x 200
Max.Feed Size	IN	11	6	7
	MM	275	150	175
Motor Power	Kw	37	37	44
	HP	50	50	60
Crusher Speed	RPM	300	300	300

Average Crushing Capacity in Tons Per Hour (TPH)

Closed Side Setting (CSS)		SECONDARY CRUSHERS		
		24 x 16	30 x 8	36 x 8
Inches	mm			
1/2	12			
3/4	19		25	30
1	25	25	31	35
1.1/4	32	28	36	42
1.1/2	40	32	42	50
2	50	35		
2.1/2	65	40		

CONE CRUSHER

- ◆ Hillstone RC series cone crushers are floating shaft with a single hydraulic cylinder. They encompass an optimized design with latest 3D software, and FE analysis for high capacity and lower power consumption, when compared with similar sized machines of competitors.
- ◆ The cone crushers have wide openings for feed size that match with primary jaw crusher output. In-house designed and manufactured hydraulic system and control panel ensures smooth operation, the high range of CSS avoids jamming. The cone crushers work successfully across applications such as basalt, granite, quartzite, silica sand, etc., Hillstone RC.
- ◆ We offer an excellent combination of world class products with pre-and post-sales services and technical support. The technical support from Hillstone ensures maximum productivity. Minimized maintenance and little or no down time.
- ◆ Our in-house foundry enables us to maintain quality as well as timely deliveries of the cone crushers and spares.
- ◆ With an installed base of more than 250 cone crushers plus over 5,000 jaw crushers, the number of our highly satisfied customers has grown in the construction stone industry in India, Globally.

Construction Features

Top & Bottom Shell Assembly Cast (ASTM A216) precision CNC machined.

Main Shaft Forged Alloy steel, Heat treated, precision CNC machined

Eccentric Bush Lead Bronze / Copper alloy casting precision CNC machined to close tolerances for longer life.

Gear & Pinion Hard and ground gears with appropriate backlash for efficient transmission and smooth operation.

Concave & Mantle Manganese Steel (IS 276) Hi-grade casting with longer life.

Spider Bearing Radial Spherical plain bearings.

Dust Seals Provided to ensure dust free operation.

Thrust Bearing Lead Bronze / Copper Alloy casting precision CNC machined to close tolerances for longer life.

Hydraulic Cylinder Sufficiently sized with high stroke to avoid damage due to uncrushable material and designed to open the CSS on jamming due to excessive feeding.

Counter Shaft Assembly with pulley with locking assembly arrangement for better transmission of power and also ease of maintenance.

Cone Crusher HSC Series Models



MODEL No.	Maximum Feed Size (mm)	CSS Range (mm)	Motor Rating (HP)	Capacity Range (TPH)
HSC - 100	120	18-30	100-120	80-110
HSC - 150	150	20-34	120-150	130-160
HSC - 200	180	22-36	220-250	200-250
HSC - 250	230	24-38	270-300	270-310



Vertical Shaft Impactor (VSI)



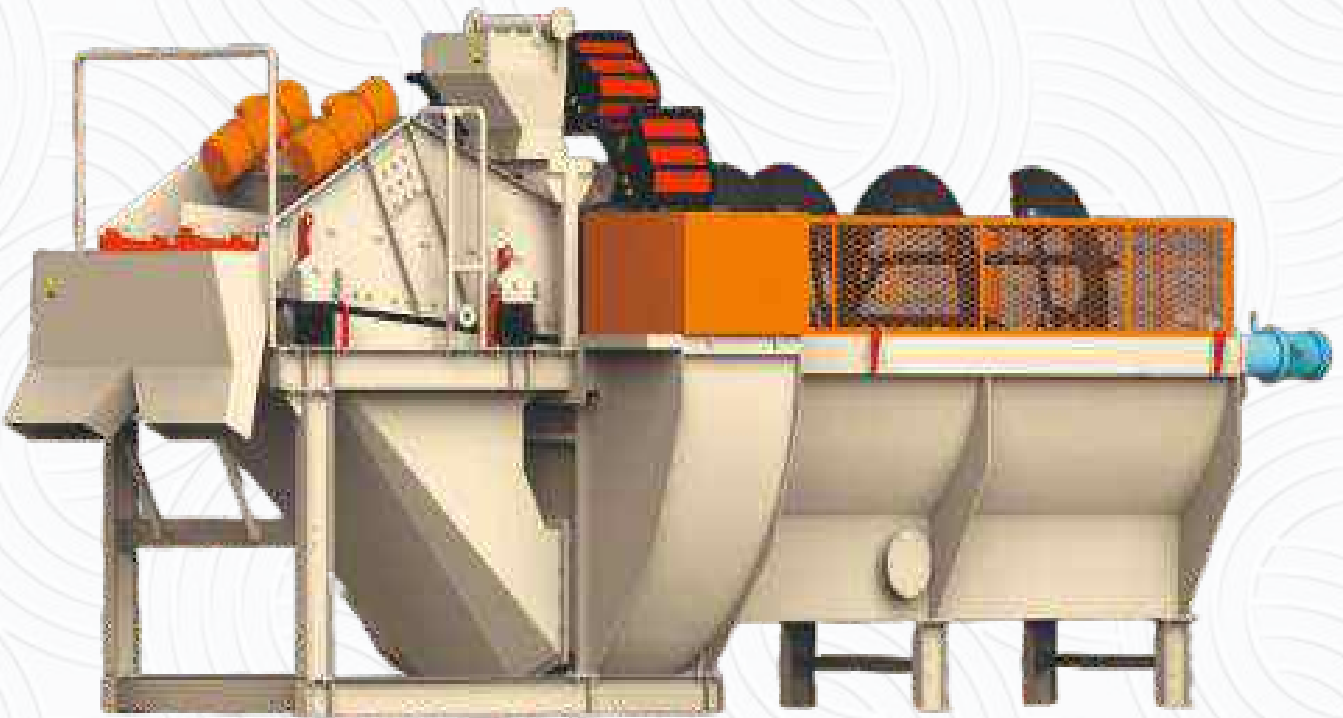
MODEL No.	Maximum Feed Size (mm)	Throughput Capacity (TPN)	Motor Rating (HP)
HSV - 100	25	25-40	60-75
HSV - 150	25	60-110	100-150
HSV - 200	35	120-160	150-220
HSV - 250	35	150-200	320

SAND WASH



MODEL	HSPW 700	HSPW 600	HSPW 500	HSPW 400
Feed Size (mm)	<4.5	<4.5	<4.5	<4.5
Capacity (TPH)	200 - 250	150 - 200	100 - 150	50 - 100
Suction (mm)	200	200	150	100
Delivery (mm)	150	150	100	75
Capacity (m3/hr)	250	200	150	100
Power (Kw)	45	37	30	15
Dewatering Screen L X B (mm)	3600 x 2400	3000 X 2400	3000 X 1800	3000 X 1500
Power (Kw)	8 x 2	6.2 X 2	3.2 X 2	3.2 X 2

Sand Bucket Classifier



MODEL	HSBW 150	HSBW 100	HSBW 80
Capacity (TPH)	80 - 150	60 - 100	40 - 80
Dewatering Screen L X B (mm)	1500 x 2400	1200 X 2100	900 X 2100
Power (Hp)	3 x 2	3 X 2	1.5 X 2

VIBRATING SCREEN



MODEL	HSV 1860	HSV 1660	HSV 1650	HSV 1450	HSV 1250
Screen Size L X B (ft)	18 x 6	16 x 6	16 x 5	14 x 5	12 x 5
Capacity (TPH)	500 - 600	300 - 400	200 - 300	100 - 200	50 - 100
Deck	3,4	3,4	3,4	3,4	3,4
Power (Hp)	30	30	15	15	10

VIBRO PAN FEEDER



MODEL	HSF 1450	HSF 1240	HSF 1040	HSF 8030	HSF 5030
Capacity (TPH)	200 - 300	150 - 300	100 - 200	100 - 150	50 - 80
Feed Size (mm)	< 1200	< 1000	< 350	< 200	< 200
Grizzly Area L X B (ft)	14 x 5	12 x 4	10 x 4	8 x 3	5 x 3
Power (Hp)	7.5 x 2	5 X 2	3 X 2	2 X 2	1.5 X 2

100 - 150 TPh Plant



200 TPH Plant



250 - 350 TPH Plant



SRE DHANALAKSHMI EQUIPMENTS AND COMPANY

Mfrs of : All kinds of Stone Crusher, M-Sand, VSI, Cone Crusher, HSI Machine, Washing Machine, Vibrators, Conveyors, Feeders, Spares & Service

Head Office : S. F. No.397/1, (Opp) K.G Thottam, Kurumbapalayam - (PO), Sathy Road, Coimbatore - 641107,

Unit 1 : No. 41, Sidco Ind Estate, Sulakkarai, Virudhunagar (Govt) - 626003.

Unit 2 : No. 40, Sidco Ind Estate, Sulakkarai, Virudhunagar (Govt) - 626003.

E-mail : bestmachinecebe@gmail.com

Cell : 94450 00106, 94429 34348