



# SSD CRUSHER MANUFACTURING COMPANY





About SSD Crusher Manufacturing Company

SSD Crusher manufacturing company was established in 2013 at Coimbatore and has since grown into one of the leading manufacturers of Horizontal shaft Impact Crusher - HSI, Vertical Shaft Impact Crusher- VSI, Jaw crushers, Vibrating Screen, Sand washer with Dewatering screen, Crusher Magnet etc. The company has challengingly developed. SSD M – Sand machines and other products are Precisely engineered with high productivity, Best performance and economically for satisfying customers.

PRODUCT

Horizontal Shaft Impact Crusher - HSI

SSD M – Sand Machine HSI (Horizontal Shaft Impact Crusher) is specially designed to produce M – Sand from Below 40mm size aggregates. Its productivity is high, Consuming less power. Top housings can be opened for maintenance through a hydraulic system. The hydraulic system is inbuilt into the machine. The rotor is dynamically balanced to eliminate vibrations and stresses. Rotor discs are strengthened and covered from wear plates. Body Internal hull is fully layered with wear resisting lining plates. The Blowbars, impact plates and liner plates are of heavy wear resistant special alloy steel. Blowbars can be reversed when top side is worn-out. Wear status can be seen through inspection door on the sides. Very easier to operate and maintenance.



TECHNICAL SPECIFICATIONS

MODEL No	ROTOR DIAMETER (mm)	FEED SIZE (mm)	POWER KW (HP)	ROTOR SPEED (RPM)	CAPACITY (TPH)
HSI - 680	1000	≤40	55 (75)	1100	50-75

VERTICAL SHAFT IMPACT CRUSHER - VSI

SSD M – Sand Machine VSI (Vertical Shaft Impact Crusher) is specially designed to produce M – Sand with a unique rock – on – rock crushing and rock - on - steel principle. Rotor is dynamically balanced. Low wear cost and superior cubical shape.

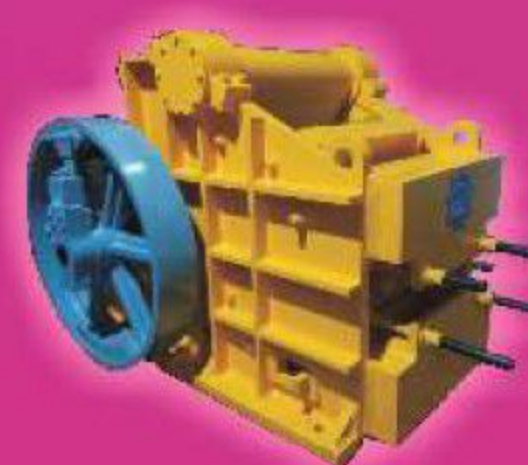


TECHNICAL SPECIFICATIONS

MODEL No	ROTOR DIAMETER (mm)	FEED SIZE (mm)	POWER KW (HP)	ROTOR SPEED (RPM)	CAPACITY (TPH)
VSI - 720	720	≤40	110 (150)	1350	90-120

JAW CRUSHERS

SSD Jaw Crushers are of double toggle Mechanism with oil lubricated Model. Double Toggle Mechanism Minimizes Wear and reduces Power Consumption. A heavy single balanced flywheel transmits the power to this machine. The serrated jaw plates of multi optional design to give the designated output Heavily built fabricated body and jaw stocks are stress relieved. The hinge pin shaft is uniquely provided with spherical roller bearings on either side





TECHNICAL SPECIFICATIONS

PRIMARY JAW CRUSHERS

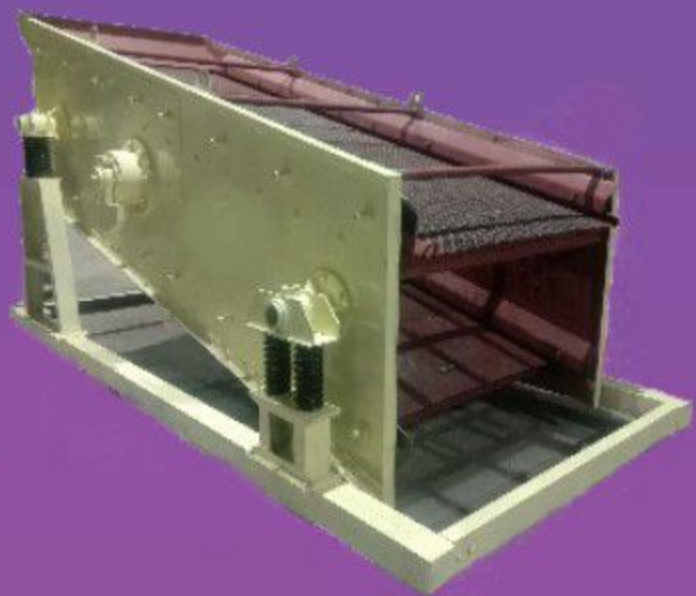
CRUSHER SIZE	FEED SIZE	POWER KW (HP)	CRUSHER SPEED (RPM)	CAPACITY (TPH)	WEIGHT (TON
24"x14"	UPTO 12"	37 (50)	320	50-60	6.5
30"x15"	UPTO 13"	37 (50)	320	60-75	8.5
30"x24"	UPTO 21"	55 (75)	320	75-100	15
36"x30"	UPTO 27"	75 (100)	320	100-150	24.5

SECONDARY JAW CRUSHERS

20"x12"	UPTO 9"	30 (40)	320	20-25	5.5
30"x8"	UPTO 6"	37 (50)	320	20-25	6
30"x10"	UPTO 8"	45 (60)	320	25-30	7
48"x9"	UPTO 6"	45 (60)	320	40-50	14.5

Vibrating Screen

SSD Vibrating screens are efficient screening of crushed materials. The screens are offered in multiple decks.



TECHNICAL SPECIFICATIONS

MODEL No	SCREEN SIZE	No OF DECK	SCREEN AREA (Square Foot)	POWER (HP)
VIB - 840	8'x4'	2 - 3	32	7.5 - 10
VIB - 124	12'x4'	2 - 4	48	10 - 15
VIB - 125	12'x5'	2 - 4	60	10 - 15
VIB - 165	16'x5'	2 - 4	80	15 - 20

Sand Washer with Dewatering Screen

SSD sand washer with dewatering screens adopting advanced technology for high efficient sand washing. It is improve the sand quality by washout the tiny stone powder and impurities mixed in the sand. Manufactured sand (M – Sand) and plastering sand (P – Sand) can be separately achieved on the same time. SSD dewatering screen Powered by high frequency vibro motors to ensure Maximum dewatering from the sand out put.



TECHNICAL SPECIFICATIONS

MODEL No	DRIVE MOTOR POWER KW (HP)	VIBRATING MOTOR POWER KW (HP)	ROTOR SPEED (RPM)	FEED SIZE (MM)	CAPACITY (TPH)
SW - 100	5.5 (7.5)	2 X 2.2 (3)	3.3	≤5	100



### Dewatering Screen

SSD dewatering screen Powered by high frequency vibro motors to ensure Maximum dewatering from the sand out put. The high quality Modular polyurethane panels reduces the loss of quality sand and ensure quick and easy replacement when it nessassary.



#### TECHNICAL SPECIFICATIONS

MODEL No	SCREEN SIZE	VIBRATING MOTOR POWER KW (HP)	FEED SIZE (MM)	CAPACITY (THP)
DS - 54	5'x4'	2 - 3	≤ 5	30
DS - 64	6'x4'	2 - 4	≤ 5	40
DS - 84	8'x5'	2 - 4	≤ 5	50

### Vibratory Feeder

SSD Vibratory Feeders are specially designed to our crusher for feed to the full width of the crusher mouth opening. Two high frequency vibrating motor is used to control the uniform flow and volume of material.



#### TECHNICAL SPECIFICATIONS

MODEL No	LENGTH (MM)	WIDTH (MM)	VIBRATING MOTOR POWER KW (HP)	FEED SIZE (MM)	CAPACITY (TPH)
VF - 680	1200	680	2X0.75 (1)	≤40	50-100

### Crusher Magnet

SSD Crusher magnet is specially designed for crushers particularly for M – Sand machines. SSD Magnet can be used to avoid accident by cause of iron material fed into the crushing chamfer when crusher running. It is permanent magnet set with holding arrangements. Easily it can be hanged on top of the belt conveyor.



#### TECHNICAL SPECIFICATIONS

LENGTH (MM)	WIDTH (MM)	HIGHT (MM)	WEIGHT (KG)	CLEARANCE BETWEEN MAGNET AND CONVEYOR (MM)
500	500	250	270	100



## SSD CRUSHER MANUFACTURING COMPANY

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