

## SKM ENGINEERING WORKS

4/220/11 Edayarpalayam Road, Near RND Mills, Chinna Kuyil,  
Kallapalayam Post, Coimbatore - 641 201.  
e-mail : skmengworks@gmail.com

Contact :

+91 98434 15545 | 63813 02070 | 99655 95555 | 63826 10423  
90476 15544 | 98423 15549 | 80987 15544  
90479 15544 | 80125 15545

# SKM

ENGINEERING WORKS



**Crushing Technology at its best.!**

# SKM 36"x30" JAW CRUSHER



## JAW CRUSHERS WORKING PRINCIPLE

The crushing process that the large stone become small stone is called the primary crusher. And the most common and solid crusher is the jaw crusher.

Jaw crushers are driven by a motor, and the moves up and down via eccentric shaft. The angle between fixed jaw and moving jaw becomes smaller when the moving jaw runs down, then the materials are crushed into pieces. It will become bigger when the moving jaw runs up. The moving jaw plate leaves the fixed jaw plate under the action of pole and spring, and then the end products come out from the crushing cavity. And also, Jaw crusher is used as both Primary jaw crusher and Secondary jaw crusher.



**SKM 24"x16" JAW CRUSHER**



**SKM 30"x8" JAW CRUSHER**



**SKM 30"x10" JAW CRUSHER**



**SKM 36"x8" JAW CRUSHER**



SKM 24"x16" JAW CRUSHER



SKM 30"x10" JAW CRUSHER



SKM 36"x8" JAW CRUSHER



SKM 30"x8" JAW CRUSHER

## FEATURES OF OUR CRUSHERS

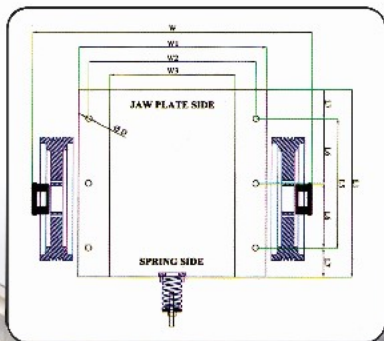
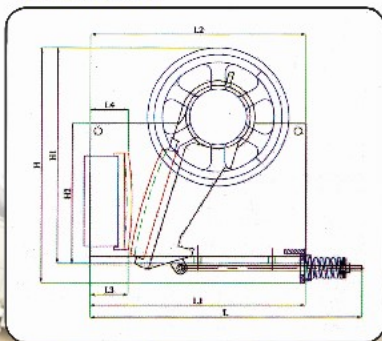
- High reduction ratio and uniform final product size.
- Jaw crushers employ hydraulic jacking setting system to reduce the time of jaw adjustment.
- Reliable and safe lubrication system, convenient to meet the various demands of users.
- Large adjustment range of discharge setting to meet the various demands of users.
- Adopts spherical roller bearings for economized driving power and high reliability.
- Deep Crushing cavity and no dead area, which improve production capacity and output.
- Achieve both "coarse and medium" crushing and "medium and fine" crushing.
- Low installation and operating costs.
- Pair with heavy-duty flywheels for reduced horsepower.
- Unique, efficient bearing assembly provides added strength and reliable long-term service.

## JAW CRUSHER

### TECHNICAL SPECIFICATIONS

Model	Food Opening	Max. Feed Size	Max. Feed Capacity (TPH)			Power (HP)	Speed (RPM)	Motor Pulley Size
			3/4"	1 1/2"	6' / 8"			
SKM 20' x 8'	20' x 8'	6'	20	-	-	40	350	9' x 4C
SKM 24' x 16'	24' x 16'	12'	30	50	-	50	320	8' x 4C
SKM 30' x 8'	30' x 8'	6'	35	50	-	50	320	8' x 4C
SKM 30' x 10'	30' x 10'	8'	35	50	-	50	320	8' x 4C
SKM 36' x 8'	36' x 8'	6'	40	55	-	50	320	9' x 4C
SKM 30' x 22'	30' x 22'	20'	-	-	80	75	280	9 1/2' x 6C
SKM 36' x 24'	36' x 24'	22'	-	-	120	100	280	9 1/2' x 6C
SKM 36' x 30'	36' x 30'	28'	-	-	150	100	280	12' x 6C

### DIMENSIONS



Model	L	L1	L2	L3	L4	L5	L6	L7	H	H1	H2	W	W1	W2	W3	D
SKM 20' x 8'	1595	1245	-	210	210	725	-	260	1510	1510	990	1350	985	813	580	45
SKM 24' x 16'	1760	1400	-	245	245	902	-	250	1745	1445	930	1805	1125	1015	765	45
SKM 30' x 8'	1770	1400	-	250	250	965	-	218	1575	1450	930	2040	1350	1220	915	45
SKM 30' x 10'	1820	1420	-	305	270	965	-	230	1880	1520	1000	2040	1340	1220	915	45
SKM 36' x 8'	1885	1475	-	298	298	965	-	255	1575	1450	930	2160	1450	1220	990	45
SKM 30' x 20'	2160	1800	1950	365	410	1500	750	147	2185	2185	1505	2300	1325	1200	915	55
SKM 36' x 24'	2330	1960	2100	375	400	1500	750	230	2310	2310	1650	2355	1650	1500	1080	55
SKM 36' x 30'	2450	2090	2250	400	425	1500	750	294	2740	2740	1920	2355	1650	1500	1080	55

All dimensions are in mm.

## FEEDER



### SKM FEEDER 7' x 3'

**Our Product Range**

**From**

**4' x 2 1/2' TO 12' x 4'**

## VIBRATORS



### SKM VIBRATOR 16'x5'

**Our Product Range From**

**12' x 4' to 18' x 6'**

**Single deck to 5 decks**

### FEATURES & ADVANTAGES

- ◆ Screen frame manufactured out High tensile Alloy Steel plates.
- ◆ Unique shaft design
- ◆ Stroke adjustment through counter weight arrangements
- ◆ Large production
- ◆ Low operating cost
- ◆ Grease Lubrication System
- ◆ High Capacity
- ◆ Efficient screening
- ◆ High reliability and long life
- ◆ Heavy duty application

## FEATURES

The crushing process makes SKM VSI unique. Whereas most other types of crushers use metallic parts to crush rock, SKM VSI uses the rock fed into the machine to crush itself. This autogenous crushing action offers the lowest possible cost per ton of any impact crushing method. The high velocity impact crushing achieved in a SKM VSI improves the soundness and shape of the material and produces the highest quality end products on the market today. It is widely known that the more cubical your product, the better its performance in concrete, asphalt and base mixtures.

## BENEFITS

- Produces a product of superior cubical shape
- Ability to control product grading by tip speed
- Low wear costs due to unique rock-on-rock crushing
- Accepts fine material in feed

## TECHNICAL SPECIFICATIONS

Model	Feeding Capacity (TPH)	Max. Feed Size (mm)	Output Capacity (TPH)				Power (HP)	Speed (RPM)
			0-5 mm	5-12 mm	12-20 mm	Above 20 mm		
SKM VSI - 75	75	20	20-25	12-15	15-20	15-20	75	1500
SKM VSI - 100	100	25	25-35	15-18	15-20	20-25	100	1500
SKM VSI - 150	150	30	30-45	25-30	30-35	35-40	150	1500
SKM VSI - 200	200	40	45-50	35-40	35-50	40-60	200	1500
SKM VSI - 250	250	45	50-70	40-50	50-60	50-70	250	1500
SKM VSI - 300	300	45	55-75	55-65	65-85	70-90	300	1500
SKM VSI - 350	350	50	60-80	65-70	80-90	90-110	350	1500



## SKM SAND WASHER

### FEATURES & ADVANTAGES

- Study Construction made of steel conforming to ASTM Standards
- Maximum productivity
- Low operating cost
- Less power consumption
- Water Saving
- Easy access to maintenance

### PRODUCT RANGE

Up to 150 Tons per hour

## SKM SAND WASHER



## CONTACT

Tamilnadu	90474 15544 - 98435 15545
	80120 15544 - 74026 15545
Karnataka	80989 15544 - 80120 15544
	74027 15545
Kerala	90958 15544
Maharashtra, Odisha	80989 15544 - 74027 15545
Tripura, Assam	80989 15544 - 74027 15545

### OUR BRANCHES

#### SKM AGENCY :

No : 2/645,maniraj Complex,sadayampatti, Sattur,  
Virudhunagar - 626 203.  
Ph. : 91596 15545 - H.O. 74026 15545

#### SKM AGENCY

No : 71 , Selvi Hollow Block, Marakanam Main Road,  
Manoor Village, Tindivanam, Villuppuram - 604 002.  
Ph. : 85248 15545 - H.O. 74026 15545

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