

MINETECH
United For Equipment & Minetech L.L.C



المتحدة للمعدات
وتقنية التعدين ش.م.م





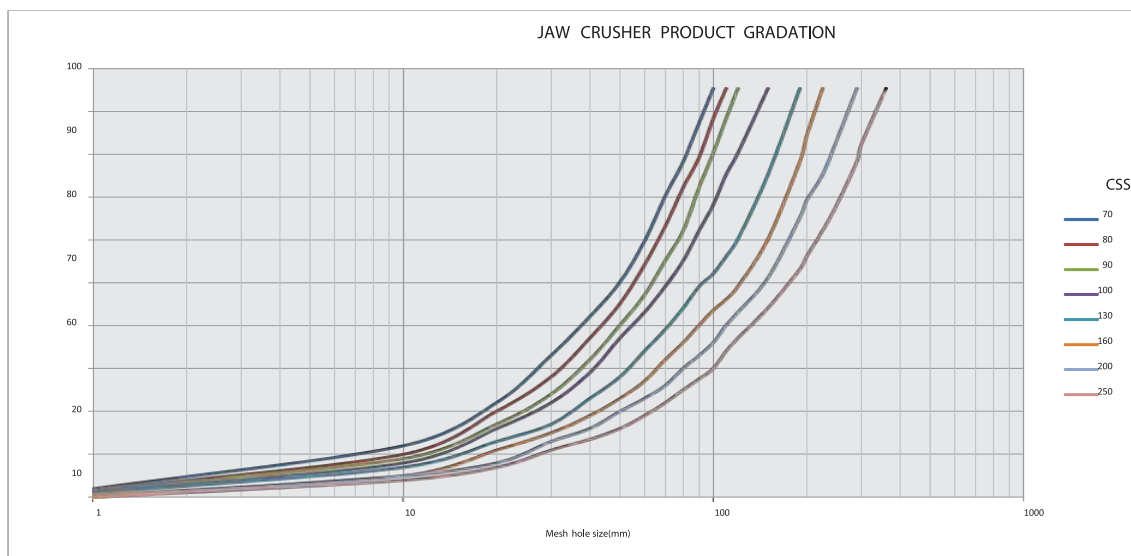
Minetech jaw crusher design and its material specifications offer a perfect solution's to the customers. High quality materials with superior finishing are used in Mine tech Jaw crushers.

Jaw crushers took its form when it became necessary to crush both tough feed and hard material lumps in mineral industry effectively and economically.

Features of Jaw crusher.

Non welded design, MBD analyzed fly wheel, Better anchoring, Easy Operations for making wedge adjustment's, More running time a day without engineering fatigue.

MODEL	TYPE	FEED OPENING	POWER	WEIGHT IN KG
K-02	PRIMARY CRUSHER	610-380	30KW	6000
K-03	PRIMARY CRUSHER	900-650	75KW	14500
K-07	PRIMARY CRUSHER	1100-850	132KW	39700
K-1311	SECONDARY CRUSHER	1300-1100	200KW	53500
K-04	SECONDARY CRUSHER	900-200	30KW	6600
K-12	SECONDARY CRUSHER	1100-350	75KW	11000



M I N E T E C H



Cone Crushers

Minetech cone crushers are the excellent choice as the secondary crushers in combination with a jaw crushers. Thanks for the versatility, these crushers will enable you to cope with the most production requirements in the changing future.

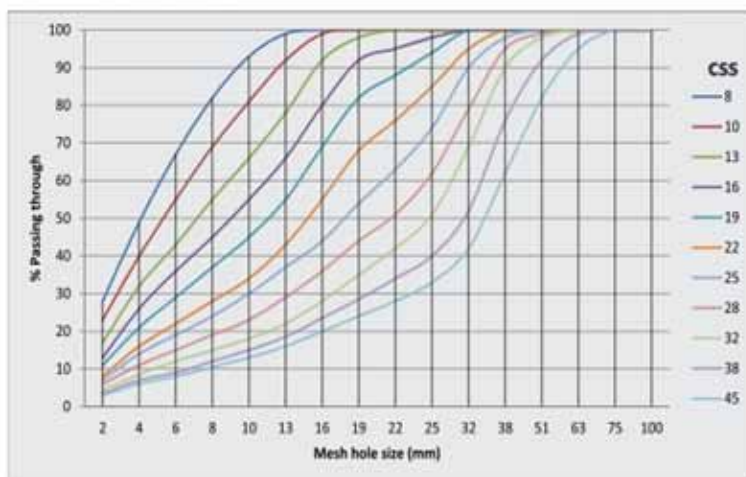
Operation cost is minimized by incorporating hydraulic chamber adjustment's for easier operations. The crushing speed and the throw were calculated for better inter-Particle crushing for better shaped end products.

Less Downtime : Cone crusher downtime mainly occurs due to trapping of tramp iron or any other un-crushable material inside the chamber. Our cone crushers solves this issue by hydraulic tramp release system.

Easy to operate and maintain : This Mine tech crushers are well designed for easy operation, Inspection and maintenance. The crusher setting can be easily done by hydraulic motor setting.

High Performance : Carefully designed crushing chamber, Crushing speed and throw results in higher productivity. Large capacity crushing cavity allows more inter particle crushing for better shaped end products.

Gradation curves



Gradation curves provided are under certain conditions .



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Primary Impactors

Primary Impact Crushers : They are rotor crushers with a very high reduction and cubic ratio, working with high capacity in materials with medium hardness and low silica content.

Primary Impact Crushers are used for breaking large sized stones thanks to their special alloy pallets and crushing plates.



In Primary Impact Crushers : By means of the hydraulic system, both the adjustment and the maintenance of the machine are easily done.

Primary Impact Crushers are produced as mobile and stationary upon request.

MODEL	ROTOR-MM	RPM	FEEDING SIZE - MM	CAPACITY -TPH	MOTOR-KM	WEIGHT IN KGS
PDK -01	1400 - 1250	450	900 - 1100	250 - 400	250	29500
PDK - 02	1400 - 1500	450	1000 - 1250	400 - 600	315	35000
PDK - 03	1600 - 2000	450	1300 - 1600	600 - 900	2 * 250	41500

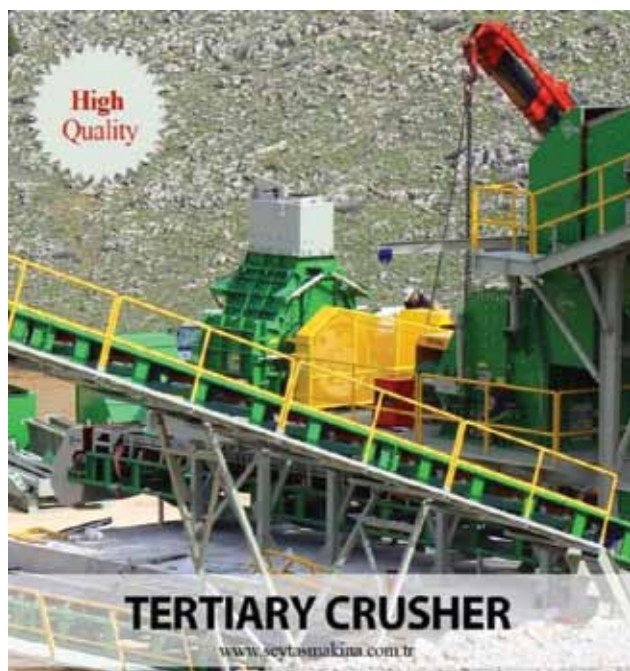


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Secondary and Tertiary Impactors

Secondary Impact Crushers : They are impact crushers that can perform secondary and tertiary crushing processes thanks to their three-stage crusher pendulums. Tertiary crusher is used to obtain 0-5mm of sand from medium hardness material. This machine executes the crushing process with the high- speed two sided rotating rotor.



MODEL	ROTOR-MM	RPM	FEEDING SIZE - MM	CAPACITY-TPH	MOTOR-KW	WEIGHT IN KGS
PST - 01	1125*1000	600 - 740	100 - 200	120 - 150	160	19500
PST - 02	1125*1250	600 - 740	150 - 250	150 - 250	200	21500
PST - 03	1125*1500	600 - 740	200 - 300	150 - 400	250	26500
SDK - 1415	1400*1500	600 - 740	300 - 500	400 - 550	315	31500
TK - 1408	1400*860	780	150	80 - 150	185	14500
TK - 1412	1400*1200	780	150	120 - 200	250	18000

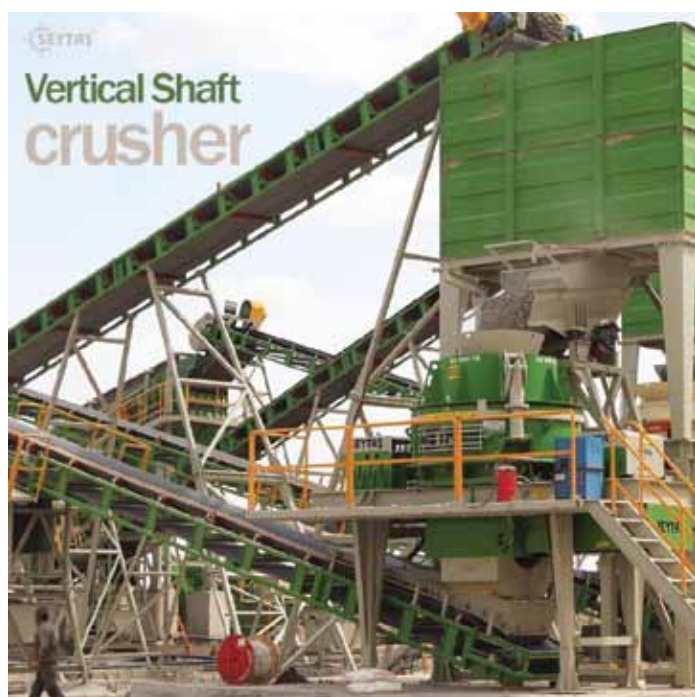
M I N E T E C H



Vertical Shaft Impactors

Vertical shaft crushers are classified between two sub-headings as open rotor and closed rotor. Vertical Shaft Impact Crushers They are crushers with high sand ratio and cubicity ratio used to obtain 0.5 sand and gravel by crushing all kinds of medium-sized hard, abrasive materials.

The crushing process in Vertical Shaft Crushers takes place by throwing the material fed by the crusher's feeding chamber to the stone lining in the crushing chamber at high speed by means of the rotor rotating at high speed. Feeding of the crusher Spare parts consumption is very economical since the crusher performs the crushing operation by hitting the stone against the stone.



Usage Areas Of Vertical Shaft Crushers

Vertical Shaft Impact Crushers are used in breaking natural stones in stream material, By reducing the size of the materials to be processed in the mill, by maximizing the ratio of smaller material, in the crushing process of the cement material, in case of cubic material in limestone, basalt and dolomite quarries, in the production of sand, gravel and gravel to be used in concrete, asphalt production, and fine-grained products used in road infrastructures.

Vertical Shaft Crushers are used to reduce the size of the coke added to the liquid steel by spraying method in order to increase the carbon ratio

MODEL	ROTOR SIZE - MM	MAX FEEDING SIZE - MM	MOTOR - KW 1500 RPM	CAPACITY TPH	
				1400 RPM	1600 RPM
VSI - 1000 OR	1000	100	2*250	350	300
VSI - 900 CR	900	50	2*200	350	300
VSI - 800 CR	900	40	315	250	200
VSI - 700 CR	700	35	132	90	75

M I N E T E C H



Vibrating Screen

Vibrating screens are used in all stream and quarry facilities to separate the crushed material in desired sizes. They are designed with ease of use and low operating cost in mind. We offer the best solution for your needs with our state-of-the-art Vibrating Screens . They are one of the most important parts of stone crushing plants. They provide efficient sieving with its durable structure. You can contact us for Vibrating Screens produced with a professional design .

We do manufacture mobile screens and stationary screens according to the client requirement.

Technical Specifications of the vibrating screens are given below.

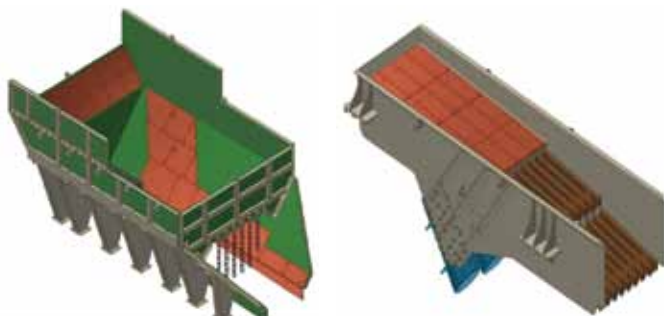
MODEL		SCREENING SURFACE(M ²)	SCREENING SLOPE (DEGREE)	MOTOR - KW	WEIGHT KG
TE - 1020	2 DECK	2.0	18	5.5	2500
TE - 1230		3.6	18	7.5	4000
TE - 1240		4.8	18	11	9000
TE - 1650		8.0	18	15	11000
TE - 2050		10.0	18	18.5	12500
TE - 2060		12.0	18	22	14000
TE - 1230	3 DECK	3.6	18	5.5	4500
TE - 1240		4.8	18	7.5	9500
TE -1650		8.0	18	15	12000
TE - 2050		10.0	18	18.5	13500
TE - 2060		12.0	18	22	16000
TE - 2460		14.4	18	30	19000
TE - 2470	4 DECK	16.6	18	2*22	23500
TE - 1240		4.8	18	7.5	10000
TE - 1650		8.0	18	15	13000
TE - 2050		10.0	18	18.5	15000
TE - 2060		12.0	18	22	18500
TE - 2460		14.4	18	30	22500
TE - 2470		16.8	18	2*22	26000



M I N E T E C H



Bunkers with Grizzly Feeders



They are used to feed and stock any type of material. It serves to stock all kinds of materials and to feed them to the primary crusher evenly. They are manufactured to be resistant to large rock pieces. Its design is designed as a whole with the feeder and the bunker, and they are manufactured at the factory as coupled to each other with the feeder and the bunker reservoir.

MODEL	BODY SIZE (MM)	GRIZZLY LENGTH (MM)	MOTOR (KW)	BUNKER VOLUME(M ³)	CAPACITY TPH	WEIGHT KG
G-13	1300 - 5200	1400 * 2	2*11KW	75	400 - 600	26000
G-09	1100 - 5200	1400	2*11KW	45	250 - 350	20000
G-10	850 - 3500	1160	2*7.KW	30	150 - 200	12000



Vibrating Feeders



They are used to feed and stock all kinds of materials. Standard chamber volumes can be adjusted optionally. It can be examined under two subheadings: Vibrating Feeders and Bunker Feeders. Vibrating feeders are generally used to feed rock to primary crushers. Vibro feeders are used in feeding, stock, intermediate stock and truck loading operations. Both types of feeders are easy to maintain and have low operating costs. You can contact us for professional design feeders.

MODEL	SIZE (MM)	MOTOR (KW)	CAPACITY (TPH)	WEIGHT (KG)
VB - 0820	800*2000	2*2.2KW	200 - 250	1440
VB - 1020	1000*2000	2*2.2KW	250 - 300	1560
VB - 1220	1200*2000	2*2.2KW	300 - 450	1765

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Dewatering Screen and Hydrocyclone

It provides the cleaning and washing process of materials up to 250 microns by separating from slit. For the process of washing the water required is very high so to minimize the consumption dewatering screen is introduced to recycle the water for washing. Abrasion resistance of polyurethane screens are very high. Hydro cyclone helps in cleaning the slit and will recover the material which is used as artificial sand. The sand that is recovered can be used as plaster sand and M- Sand which dimension varies for 250microns to 4.5MM.



S.NO	SCREEN SIZE (mm*mm)	SCREEN DRIVE (KW)	HYDRO CYCLONE	PUMP	PUMP DRIVE (KW)	CAPACITY (TIPH)
SEHS - 1635	1600 * 3500	2 * 7.5	26"	8"	55	90 - 120
SEHS - 1650	1600 * 5000	2 * 9.2	26"	8"	55	90 - 120

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Sand Washer



This is used to separate the foreign objects like slit, clay from 0-5mm natural sand which is especially obtained from the river bed in order to get washed products by screening and washing units.

MODEL	DRIVE	MOTOR (KW)	REDUCER (RPM)	CAPACITY (TPH)	WATER REQUIRED (TPH)	WEIGHT (KG)
YH - 600/600/2	600 - 6000	2 * 7.5	66 COUPLED ENGINE	50 - 80	50 - 120	6500
YH - 750/7500/2	750- 7500	2 * 11	66 COUPLED ENGINE	80 - 100	60 - 150	8500



Bucket Washer



Bucket classifier is used to remove the slit content from the sand which is produced from vertical shaft impactor.

The sand 0-5mm thus produced from the vsi will be cleansed with the rotation of bucket by transferring the material to PU Mesh panels. Thus the slit of around 200 microns will be removed and remaining product will be sent to the conveyor as the final product.

Rotational drive speed of the bucket is adjusted according to the rate of dirtiness and capacity by the VFD or invertor -driver.

MODEL	MOTOR (KW- RPM)	REDUCER (RPM)	CAPACITY (TPH)	WATER (TPH)	WEIGHT (KG)
KY - 800*2	3.5 - 1500	1.6 (COUPLED ENGINE)	80 - 100	80 - 200	7.350
KY-1000*2	3.5 - 1500		100 - 150	100 - 250	8.250

M I N E T E C H



Service & Maintenance

Our dedicated Engineers, Service team will be available 24hrs for any downtime caused for the plant. We are always responsible for the customers.



SERVICE :

We are having 24*7 Customer service which helps in the break down issues. We provide OEM genuine spares which does not alter the condition and life of the equipment's. The worn parts are replaced in proper timing where ensuring the customer does not loose him production.

MAINTENANCE AND REPAIR :

Mine-tech offers you an extensive range of services stretching from bearing replacement to complete equipment reconditioning. We have highly skilled personnel to ensure and solve the problems that occurs in the equipments.

INSPECTION SERVICES :

Mine-tech offers you the comprehensive set of inspection services to help maintenance, repair, and refurbishment needs there by offering a cost effective alternative to purchasing new or replacement.

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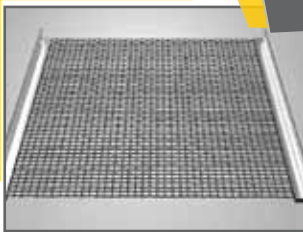
Spare Parts

Conveyor Belt



Polyester conveyor belts, also called EP conveyor belts, whose tension resistant body is canvas woven by polyester in warp and nylon-66 in weft. The belts have the characteristics of low elongation in warp and good troughability in weft, good water resistance, good wet strength, no mould, suitable for medium, long-distance and heavy-load transportation of materials. Because of the high initial modulus of polyester, the belts can choose a relative low safety factor. We range 500mm width 1400mm with thickness ranging from 10mm to 14mm.

Screen Mesh



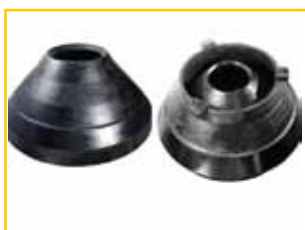
Vibrating screen mesh is widely used in vibrating screen machines to filter and separate sands, gravel, coal, stones, rocks and other wet and dry materials. Our vibrating screen mesh is made of High Carbon steel Material. So it is not easily to be damaged and deformed by these materials. And vibrating screen mesh has good adaptability. It will not be damaged in high temperature or low temperature environment.

We range from 1mm up to 120mm.

PGR Gear Box



PGR Shaft Mounted Series gear units developed for belt-pulley, chain-driven elevator conveyor systems and drive systems operating in hard-to-work areas stand out thanks to their easy maintenance features. We Range from Bore 45mm to 120mm.



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