Industrial solutions for easy returns
Solutions for flexible “ready to run” crushing plants

Our stationary, semi-mobile /skid plant is equipped with renowned equipment and technology. Skid-mounted equipment's can be quickly installed because of its ease plant integration. Designed for versatility, the modular range is scalable to fit your production needs. Our solution provides high efficiency and performance for quick return on investment.

We offer well proven machines and plants. No matter where you operate, our representative is close by to discuss your operational needs.

Key features

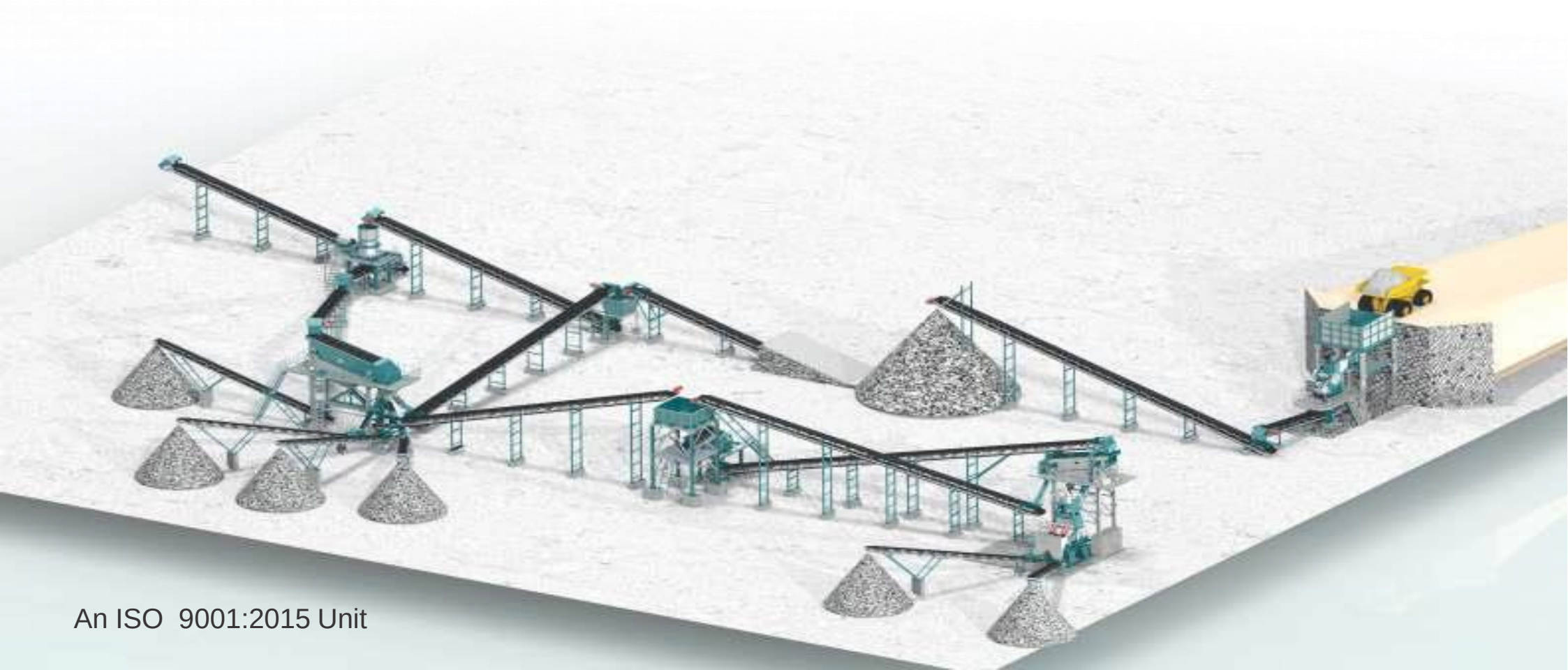
- Possibility to combine primary/ secondary/tertiary/ crushing stages
- From hard abrasive rock through to soft rock applications
- From 20 to 250t/h capacity
- Equipped with standard electrical components
- Stairways for easy access

Main benefits

- Minimal civil works required
- Simplified design for fast and easy Erection.
- Safety and maintenance according to best practices
- Standard plant solution for quick delivery.
- Additional options available on demand

Optional features

- Wear lining for increased plant efficiency.
- Skid-mounted solution for semi mobile applications
- Electrical Station
- Single walkway and dust covering on conveyors
- Transportation to site



An ISO 9001:2015 Unit

Application	PICS International MODEL	Max Feed Size (MM)	Crushing Stage	Configuration	Different aggregate size fraction or products	Production data -From hard to soft rock		M-Sand	M-Sand Washing	Required Power	GSB	Stock Pile	Required Area Open Type (Mtr)	Required Area Theatre Type (Mtr)	Wheeled/ Skid / Stationary
						Feed Product Ton/ Hrs	End Product Ton/Hrs (0-63mm)	Product Ton/Hrs	Equipment	KW/HP			Foot Print	Single ramp No stock pile	Model
Medium Hard rock	JC3226 /JC42 x 8 (2 Nos)	500	2	JAW /JAW	4	100-125	80-120			250/330	Yes		80*75		Skid
	JC3226/GC2015	500	2	JAW/CONE	4	100-125	80-120			275/370	Yes		65*30		Wheeled /Skid
	JC4232/JC42x 8 (4 Nos)	600	2	JAW /JAW	4	200-225	160-220			450/600	Yes		80*75		Skid
	JC4232/GC2020	600	2	JAW/CONE	4	200-225	110-180			365/485	Yes		65*70		Skid
	JC 3226/GC2015/VSI 80	500	3	JAW/CONE/VS	6	100-125	80-120	30-35	Yes	520/695	Yes	1	60*135		Wheeled /Skid
	JC 42 x 32 /GC2020/VSI 120	600	3	JAW/CONE/VS	6	200-225	110-180	50-55	Yes	640/850	Yes	2	60*175	20*55	Skid /Stationary
	JC 42 x 32 /Gc2050	600	2	JAW/CONE	4	225-250	120-200			420/560	Yes		65*70		Skid
	JC 42 x 32 / HC 2000	600	2	JAW/CONE	4	200-225	95-160			365/485	Yes		65*70		Skid
	JC 42 x 32 /HC 3000 (250HP)	600	2	JAW/CONE	4	225-250	110-180			420/560	Yes		65*75		Skid
	JC 46 x 36 /HC 3000 (300HP)	700	2	JAW/CONE	4	250-300	125-220			500/665	Yes		65*75		Skid
	JC 42 x 32/GC2050/VSI 180X	600	3	JAW/CONE/VSI	6	225-250	120-200	75-80	Yes	790/1050	Yes	2	60*180	20*55	Skid /Stationary
	JC 46X36/GC2050/VSI240D	700	3	JAW/CONE/VSI	6	250-300	135-220	95-100	Yes	940/1250	Yes	2	60*180	25*60	Skid /Stationary

Note: The above mentioned capacities and power details are approximate indication.
The capacities are based on crushing average hard rock with density of 1.6 k.g per cubic meter and intended as a gu. ide only
Capacity can vary depending on the rock characteristics ,feed size and feeding arrangements.
The production capacity is calculated on the basis of 70-80% machine efficency and required output size is calculated on the basis of 60-65% of the actual output which
can be increased . The entire project design is customised and based on the indivdual client requirement.
The design is with minium civil work .



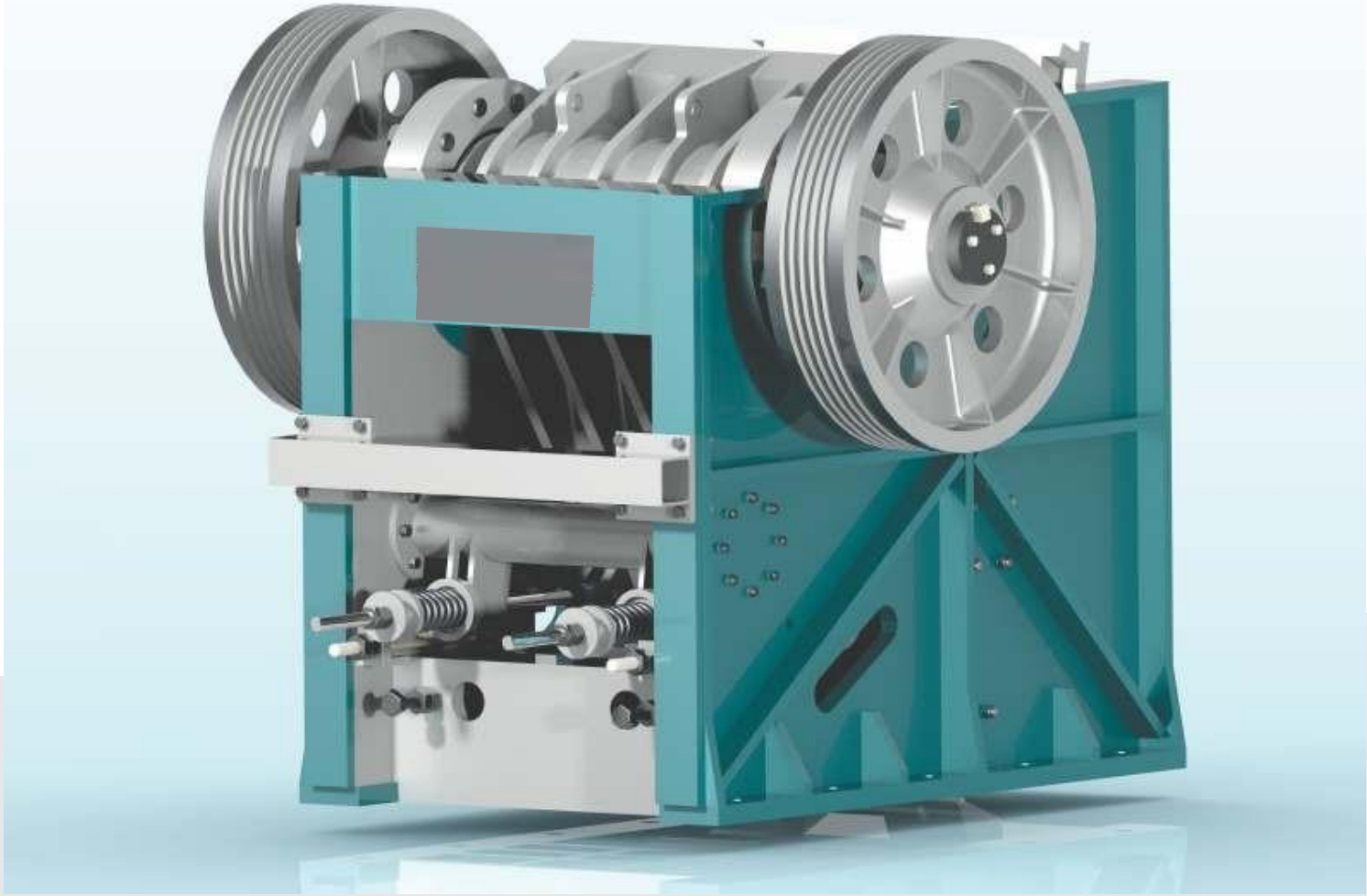
Single Toggle Jaw Crusher

JC Series

Single Toggle Jaw Crushers (Grease Lubricant) are robust, heavy duty and need little maintenance. The swing jaw is mounted on a shaft with four heavy duty self-aligning spherical roller bearings with a provision to adjust the gap as per the customer requirement. To ensure smooth crushing action, counter balanced fly wheels are provided. Simple locking arrangement is provided for easy replacement or reversing the Jaw Plate. We have various models of Single toggle jaw crusher for both primary & secondary stage crushing.

Salient Features

- Large feed acceptance capability.
- Interchangeable and reversible jaw plates.
- Easy and safe adjustment mechanism.
- Optimized nip angle.
- Enhanced capacity with high reduction ratio.
- Hydraulic wedge / Toggle mechanism (optional).

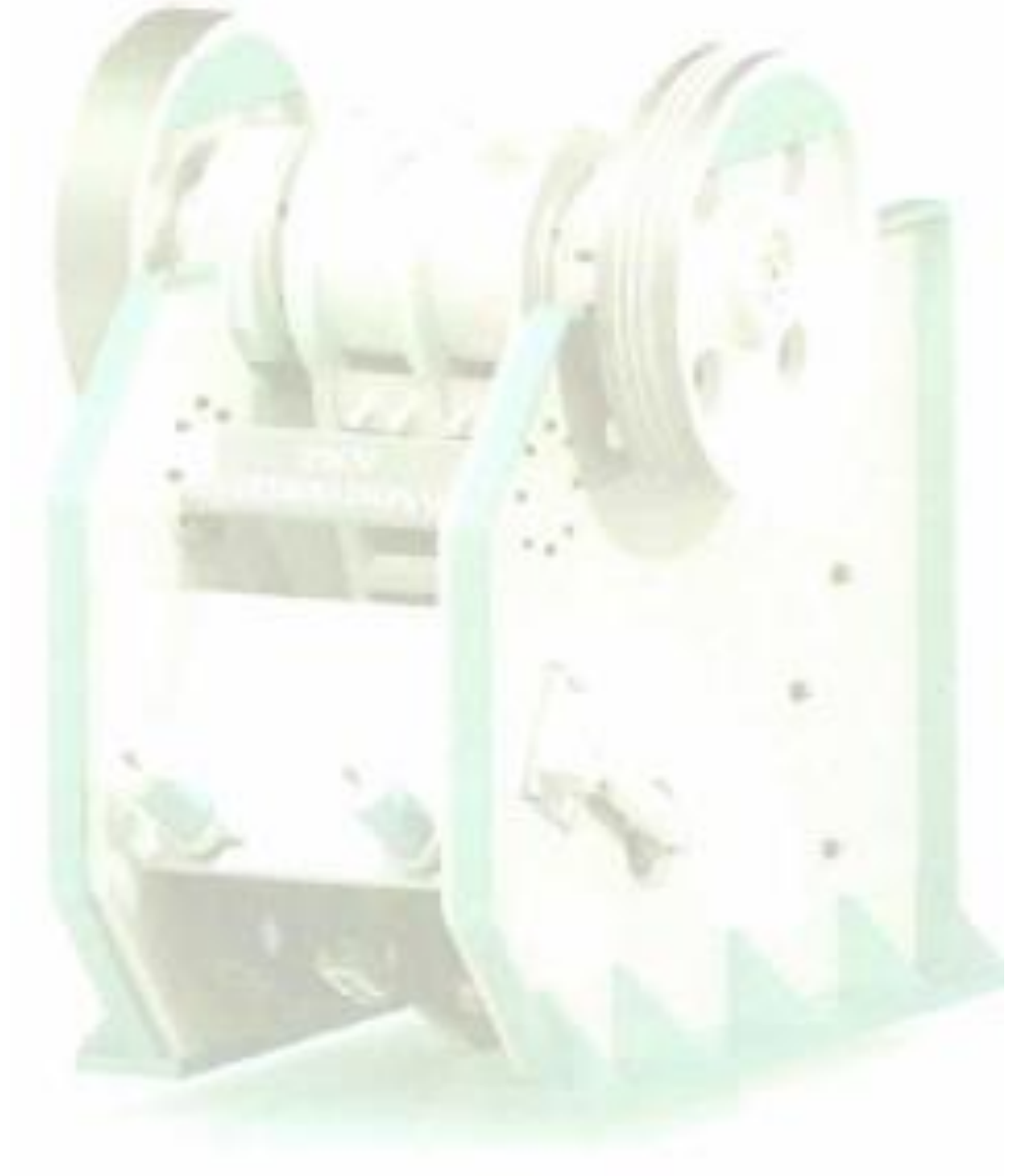


An ISO 9001:2015 Unit

MODEL	Crusher Size		Feed Size	CAPACITY IN TONS PER HOUR FOR STANDARD MODEL													Machine	Drive	Pully Size	Pully Size
	Inch.	mm	Inch	Inch	1	11/4	11/2	2	21/2	3	31/2	4	5	6	7	8	9	RPM	HP	1440 Rpm	960 Rpm
				mm	25	32	38	50	63	75	88	100	125	150	175	200	225				
JC 2412	24X12	300X600	10		20	24	28	36	46	59								300-315	40	9"	13"
JC 3015	30X15	750X375	12			35	46	59	70	84	92							320	60	8"	14"
JC 3226	32X26	800X650	24						72	84	90	110	125	148				300	75	9"	13"
JC 4232	42X32	1050X800	30									125	155	190	220	250		200-225	125	8"	12"
JC 4636	46x36	1150x900	33									180	250	290	320	350	380	225-240	180	12"	18"
JC 3608	36x8	900x200	6		29	37	43	58										325-330	50	9"	14"
JC 4208	42x8	1050x200	6		42	45	55	70										325-330	60/75	9"	14"

*Jaw setting shown in the left side of the Red line are not advisable.

*Due to continuous research and development our design & specifications are subject to change without notice.



Double Toggle Jaw Crusher

JC Series

Double Toggle Jaw Crushers (Oil Lubricant) are robust, heavy duty and need little maintenance. Operating mechanism is totally enclosed for maximum life and minimum maintenance. Double toggle provides maximum leverage to long stroke eccentric. Pullback and lifter springs automatically compensate for wear integral lubrication. Hinge pin on crushing chamber centre line for crushing without rubbing. Large bearings and integral lubrication. Wide entry throat ensures easy feeding to crushing chamber. Cast steel swing jaw is balanced to avoid power losses through lifting on crushing stroke. All adjustments are carried out on the fixed part to avoid disturbance to the crushing geometry. Lightweight pitman is always in compression and bears directly on the underside of the eccentric. Strong steel structure and other parts made from certified quality of raw material.

1. Swing Jaw: Accurately machined to receive jaw plates hinge pin bearing bored parallel with the machined toggle seat recess for maximum crushing.
2. Jaw Plate: Using more percentage Manganese steel jaw plates to crush any hard material.
   Eccentric Shaft: Alloy steel shaft mounted in self aligned roller bearings of ample capacity for smooth running which enable load to be absorbed by the solid steel frame.

4. Fly Wheel: Graded cast iron which acts as fly wheel cum driving pulley with the low intertia of mechanism.

5. Automatic Safety Device: In case of accidental overloads, the device disengages the driving pulley instantaneously which then runs only as a free pulley. The machine is thereby protected against damage.

6. Lubrication: Continuous lubrication system with gear pump is provided to lubricate toggle pitman mechanism and Eccentric shaft bearings.



MODEL	Crusher Size		Feed Size	CAPACITY IN TONS PER HOUR FOR STANDARD MODEL															Machine	Drive	Pully Size	Pully Size
	Inch.	mm	Inch	Inch	1/2	3/4	1	11/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	7	8	RPM	HP	1440 Rpm	960 Rpm
				mm	13	20	25	32	38	50	63	75	88	100	125	150	175	200				
JC 1609	16 X 9	400 X 225	7				13	15	18	24	32								360-390	30	9"	14"
JC 2012	20 X 12	500 X 300	10					20	24	32	40	48							350-380	30	9"	14"
JC 2209	22 X 9	550 X 225	7				17	21	25	34	42								350-380	30/40	9"	14"
JC 2412	24 X 12	600 X 300	10					23	26	35	44	57							350-38	40	9"	14"
JC 2414	24 X 14	600 X 350	12						27	37	46	58							350-380	40	9"	14"
JC 3009	30 X 9	750 X 225	7				22	28	33	40	42								320-350	40	10"	15"
JC 3015	30 X 15	750 X 375	12							45	56	60	70	80					330-360	50	10"	15"
JC 3020	30 X 20	750 X 500	18									65	72	85					320-350	60	10"	15"
JC 3024	30 X 24	750 X 600	22									67	75	87	100				320-350	60	10"	15"
JC 3206	32 X 6	800 X 150	4			18	23	30	36	46									320-350	40	10"	15"
JC 3208	32 X 8	800 X 200	6				25	32	38	50									320-350	40/50	10"	15"
JC 3606	36 X 6	900 X 150	4			20	27	34	40	53									320-350	50	10"	15"
JC 3608	36 X 8	900 X 200	6				28	35	42	56									320-350	50/60	10"	15"
JC 3624	36 X 24	900 X 600	22									68	77	88	100	110			280-300	75	9"	13"
JC3630R	36 X 30 R	900 X 750	28										78	90	110	120			280-300	75	9"	13"
JC3630M	36 X 30 M	900 X 750	28										86	112	130	140	150		280-300	75	10"	16"
JC 3630H	36 X 30 H	900 X 750	28										115	130	150	165	180		280-300	100	10"	16"
JC 3636	36X36	900X900	34										118	132	155	169	185		280-300	125	10"	16"
JC 4206	42 X 6	1050X150	4			24	32	40	46	62									320-350	60	10"	15"
JC 4209	42 X 9	1050 X 225	7				34	42	50	65	80								320-350	60	10"	15"
JC 4230	42 X 30	1050 X 750	28												160	190	220	240	350-300	100	9"	14"
JC 4809	48 X 9	1200 X 225	7					48	57	76	96								320-350	75/100	10"	15"
JC 6010	60X10	1500X250	8					56	67	88	110								320-350	100	10"	15"
JC 4836	48 X 36LD	1200 X 900	34												125	150	165		220-250	125/150	10"	15"
JC 4836	48X36 HD	1200 X 900	34												180	210	250	300	220-250	125/150	10"	15"
JC 4842	48X42	1200X1050	40													215	265	310	220-250	150	10"	15"
	*																					
	**																					

*Jaw setting shown in the left side of the Red line are not advisable.

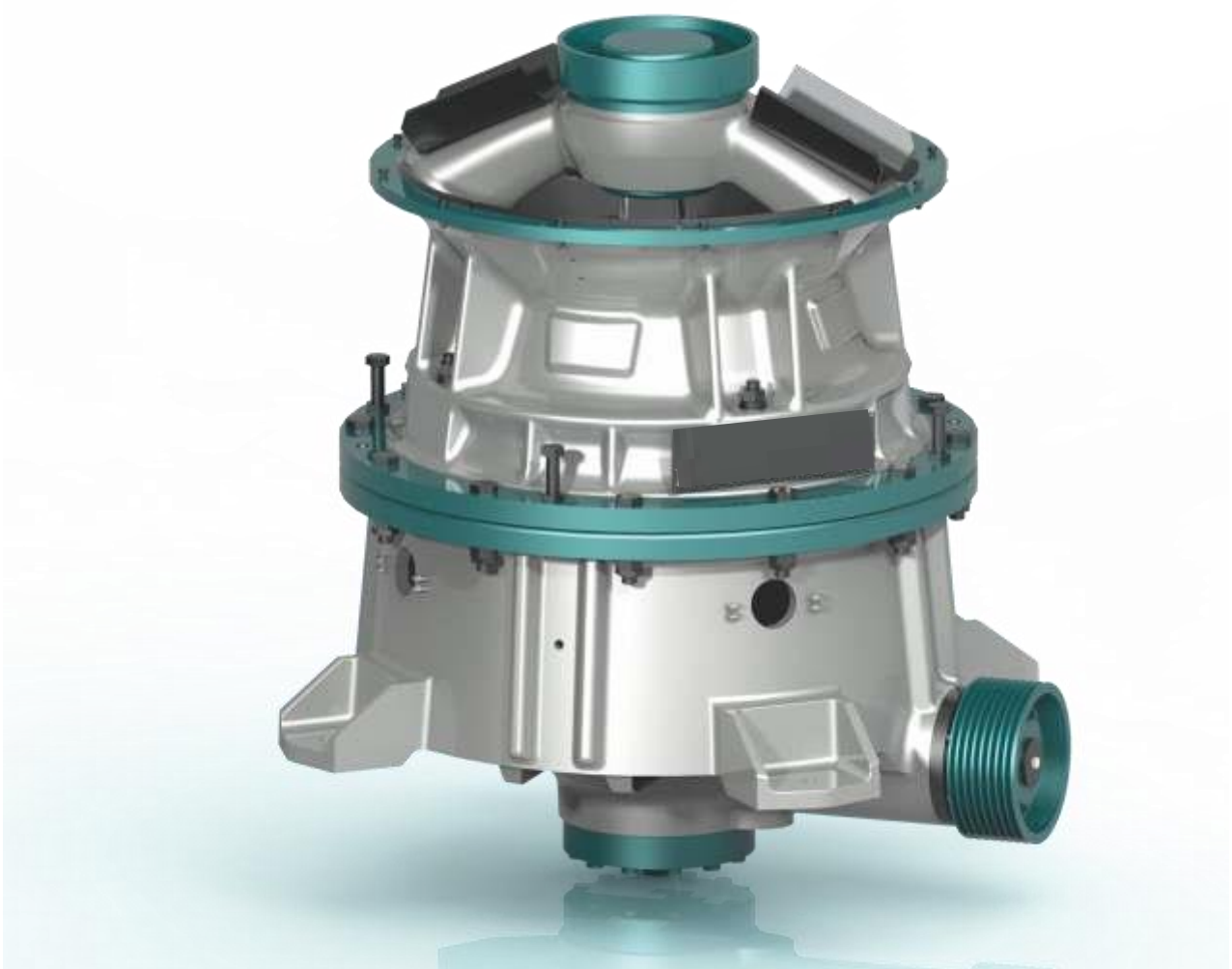
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Cone Crusher
GC Series

GC Series Cone Crushers is widely used in Secondary / Tertiary stage crushing of hard rocks, granites, lime stone, coal, iron ores, bauxite, quartzite, corundum, perlite, ironstone, basalt, etc. This is designed to suit all types of crushing industry to provide quality products. Rugged design provides the strength, more durable, easy to maintain and reliable.
GC Series Cone Crusher can be easily mounted to all types of mobile/Skid as well as stationery plants due to its unique compact design. This machine features the high crushing ratio, high efficiency, high handling capacity, low operation cost, easy adjustment and economical operation. The quality of material used for components and reasonable design of construction contributes to its longer running performance and even granularity of the crushed product in addition to reducing the circulation load.

Salient Features

- Dust System.
- High performance-low cost.
- Excellent Versality & Reliable.
- Bigger mantle diameter combined with effective speed to enhance productivity.
- All the parts easily accessible, hence easy to inspect and maintain.
- Automatic oil lubrication system for bearings and bevel gears with external air cooling unit f.or oil
- Drive to eccentric shaft is given through special spiral bevel gears to make it smooth and noise less.



An ISO 9001:2015 Unit

Technical Data

GC series	GC 2015	GC 2020	GC 2050
Feed opening mm (inch)	180 (7.0)	200(7.8)	230(9.0)
Feed Size (Max.) mm (inch)	150 (5.90)	180(7.0)	200(7.8)
*Capacity TPH	80-150	110-220	120-240
CSS range mm (inch)	19-32(0.7-1.25)	19-32(0.7-1.25)	22-38(0.86-1.49)
Mounting Type(Optional)	Skid/Wheel Mounted		
Design Type	Bearing Type		
Lubrication	Pressurized oil & Grease		
Construction	High Grade Carbon S		
Motor Power Hp(Kw)	150(110)	215(160)	250(187)
Weight Kg (Ton)	14500(14.5)	15500(15.5)	16300(16.3)

GC Series Cone capacities

Model	T/h	19mm	22mm	25mm	32mm	38mm
GC 2015	T/h	80-90	90-100	110-120	130-150	
GC 2020	T/h		110-120	120-140	160-220	
GC 2050	T/h		120-130	130-150	170-230	200-240

The data in the table is based on results of instantaneous sampling. The capacity table is preliminary Selection of cone crus.her

The data indicates:

Specific gravity of raw material for crushing is 1.6t/m³.

*Details may vary based on application

Note: All the above technical details may vary at any time during engineering process & design development

Cone Crusher

HC Series

HC Series Cone crushers are an excellent choice of secondary crusher in combination with a primary jaw crusher. They produce finer products by limiting crushing stages, which lowers your investment cost and saves energy higher density and pressure in the crushing chamber improves the inter-particle crushing action, resulting in superior product shape, high reduction ratio and high capacity.

The hydraulic tramp-release cylinders are used to let the crusher pass tramp iron and to provide a large clearing if needed. The crushers have an access from the top of the crusher to the principal components, an easy access for liner maintenance, and mechanical rotation of the bowl for removal with a simple press of a button.

Cone crushers are unbeatable in secondary & tertiary applications due to its remarkable versatility from limestone to compact hematite crushing to ballast crushing, and from small aggregate plants to large mining operations.

Working Principle

When HC series multi-cylinder hydraulic cone crusher works, the motor drives the outer copper rotate through V-belt, host pulley, drive shaft, a small bevel gear, a large bevel gear. The outer copper forces crushing cone shaft axis of the outer copper to make rotating swing, making crushing surface.

Salient Features

High Performance, Less Downtime, easy to operate and maintain, versatile.

High production capacity with desired shape and gradation.

Hydrodynamic high allo
better load capability in the dusty, high shock-crushing environment.

Automatic closed side setting (CSS). [OPTIONAL]

Can be installed on the steel structure or concrete foundation in the workshop or open area.



An ISO 9001:2015 Unit

Technical Data

HC series	HC 2000	HC 3000
Feed Size max. mm(inch)	180mm(7.0”)	200mm(7.8”)
Bearing	Hydrodynamic high alloy bronze bearing	
Design Type	Bush Type	
Type of Lubrication	Pressurized Oil & Grease	
Mounting Type (optional)	Wheel/Skid Mounted	
Counter Shaft Speed	700-1200 rpm	
CSS Setting mm(inch)	10 - 38(0.4 -1.4)	10 - 45(0.4-1.8)
CSS Adjustment	Electro Hydraulically	
Shaft	Heavy duty Forged Alloy Steel	
Wear Parts	High Quality Manganese Steel	
Capacity TPH	95-220	110-380
Construction	High Grade Carbon Steel castings	
Total Weight Kg(Ton)	14000 - 14.0	20000 -20.0
Motor Power HP (KW)	200-250(150-200)	250-300(180-225)
Drive	V- belt drive with deep groove pulleys	
Motor Bed	Inbuilt with Base Frame / Separate.	
Power Supply	415V, 50Hz (Control Panel Operation)	

The data in the table is based on results of instantaneous sampling. The capacity table is preliminary Selection of cone crus.her

The data indicates:

Specific gravity of raw material for crushing is 1.6t/m³.

*Details may vary based on application

Note: All the above technical details may vary at any time during engineering process & design development

Vertical Shaft Impactor

Vertical Shaft Impact (VSI) crusher is unique due to its crushing Process. The" rock on rock"
crushing technique produces the best-cubical shaped aggregate & manufactured sand. The high velocity impact crushing achieved in VSI improves the soundness and shape of stone, reducing product moisture and easing the screening task while producing superior products at a minimum cost.

Advantages:

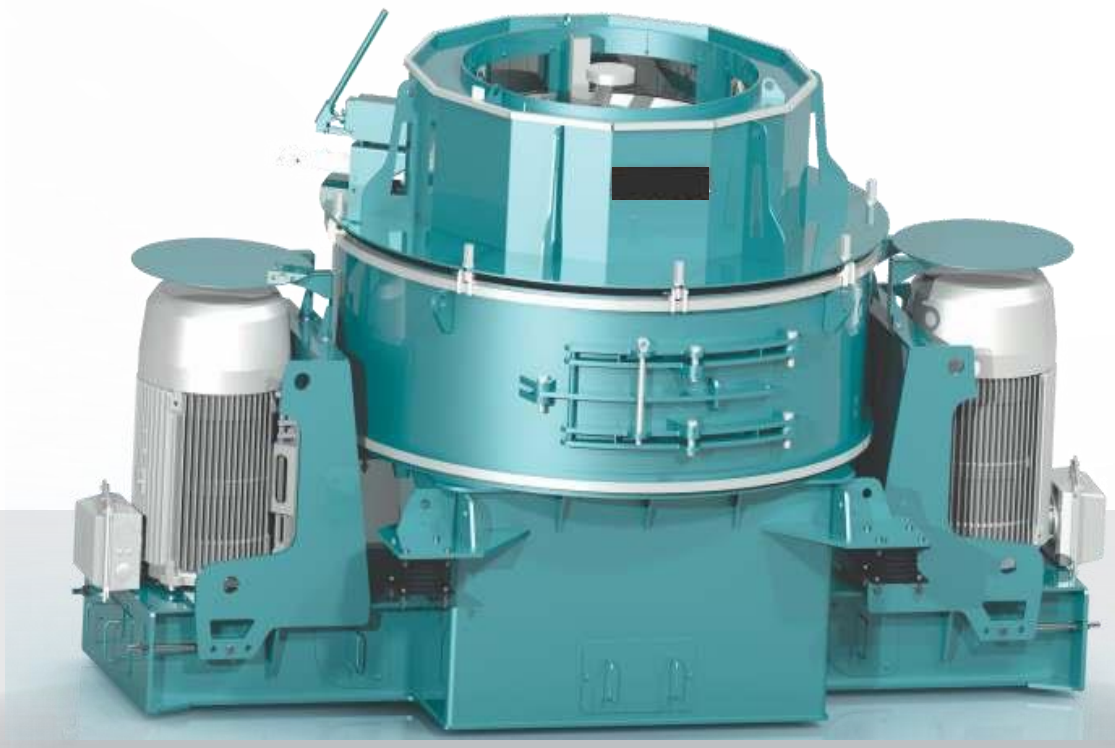
Series of VSI is an excellent third or fourth stage reduction unit and has demonstrated a unique ability to operate in many demanding and diverse crushing operations.

Designed for low service requirements and ease of operation, our VSI will readily fit into any existing or proposed crushing plant.

Many benefits of our VSI are the result of designers listening to customers. This has led to develop a user friendly VSI which gives lowest possible total cost per ton by improving energy efficiency, lengthening intervals between servicing, reducing wear rates as well as improving crushing performance and control.

Features:

- Competitive capital cost compared to conventional crushing equipment.
- Reduced power consumption
- Quick and easy replacement of wear and spare parts.
- Quick and easy installation. Crushers require minimum support structure and are ideal as skid units.
- Consistent, easily controlled product grading, maximizing or minimizing fine production.
- Produces a product of superior cubical shape.
- Quick balance rotor, which is easy to use and service.
- Simple, reliable grease lubrication

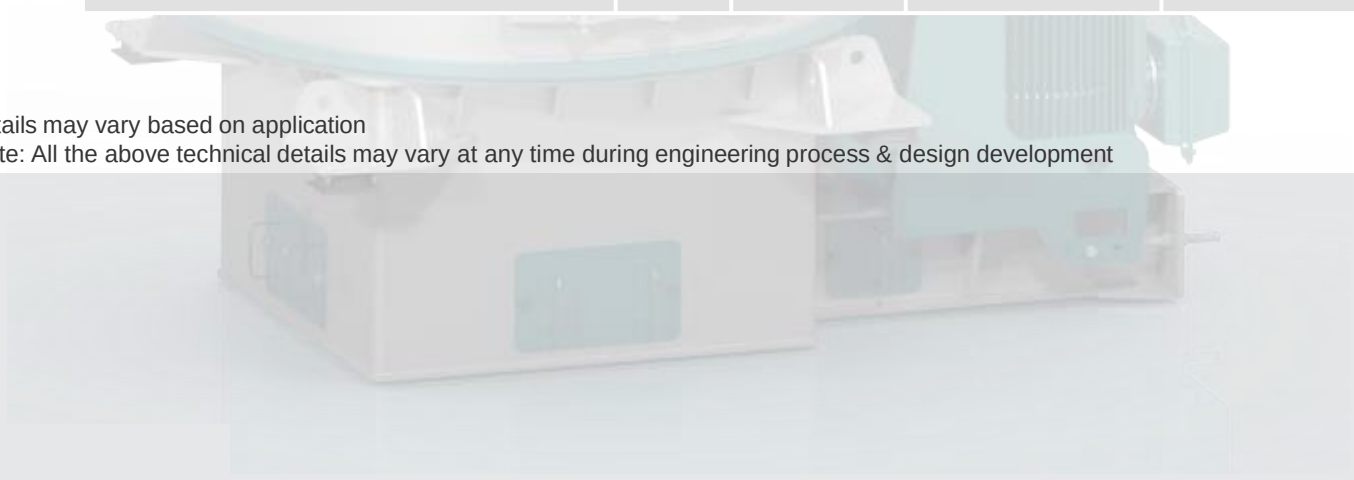


Technical Data

DESCRIPTION		VSI-60	VSI-80	VSI-90	VSI-120	VSI-150	VSI-180 X	VSI-240 D	VSI-300 D	VSI-360 D
Feed Size (Max.) Recommanded	mm (Inch)	32 (1.2)	32 (1.2)	32 (1.2)	32 (1.2)	32 (1.2)	55 (2.1)	55 (2.1)	55 (2.1)	55 (2.1)
Throughput capacity	TPH	60	80	90	120	150	180	240	300	360
Product	mm	-5	-5	-5	-5	-5	-5	-5	-5	-5
Output Capacity	TPH	25-30	30-35	35-40	50-55	65-70	75-80	100-110	130-140	150-160
Impact cartridge options		Rock on Rock								
Lubrication		Grease								
Motor Power	HP (Kw)	100 (75)	125 (90)	150 (110)	200 (150)	250 (185)	300 (225)	200 x 2 (150 X 2)	250 x 2 (185 X 2)	300 x 2 (225X 2)
Weight	Kg (ton)	6000 (6.0)	6371 (6.3)	6600 (6.6)	7200 (7.2)	7500 (7.5)	10000 (10.0)	11500 (11.5)	12000 (12.0)	12500 (12.5)

For Aggregate Shaping:

			VSI-120 A	VSI-150 A	VSI-180 AX
Feed Size (Max.) Recommended	mm (Inch)		40 (1.2)	40 (1.2)	40 (1.2)
Throughput capacity	TPH		120	150	180
Lubrication		Grease			
Motor Power	HP (Kw)		200 (150)	250 (185)	300 (225)
Weight	Kg (ton)		7200 (7.2)	7500 (7.5)	10000 (10.0)



*Details may vary based on application
Note: All the above technical details may vary at any time during engineering process & design development

POWER WASH
Washing Solutions- Hydro cyclone D Series

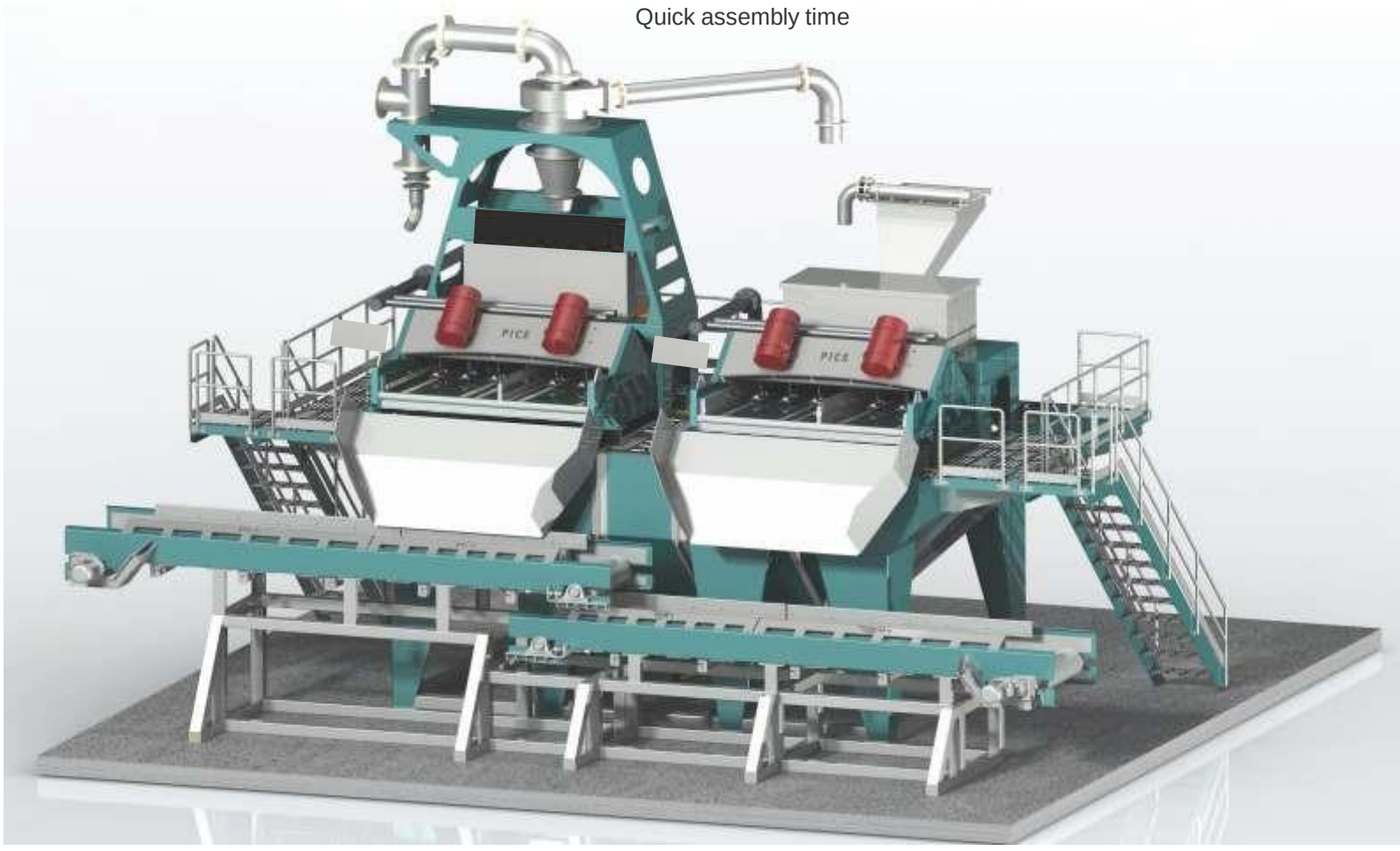
Power Wash series is designed to
ensure maximum efficiency from the washing plant. It facilitates the extremely accurate separation of silts and clays from the final washed sand products (M-Sand & P-Sand).It is employed in the production of specialized sands.

Applications

- Quarry dust / crushed fines
- Lake and beach sands
- Silica sand for glass industry
- Golf course sands
- Filter bed sands
- Recycled materials
- Iron ore
- Most materials which need to be washed
- All forms of concrete, mortar and asphalt sands

Salient Features

- Underflow Hi-Chrome slurry pump
- One PU lined hydro cyclone which classifies at approximately 75µm (200 mesh)
- Self-regulating cyclone tank complete with built in float System and anti-turbulence sections
- High frequency dewatering screen fitted with polyurethane modular mats
- Maximum recovery of material up to 75µm (200 mesh)
- Removes silt, slimes and clays below 75µm (200 mesh)
- Removes water following dewatering operation to 10–15% of residual water content
- Major reduction in saleable material discharging to the pond, thus reducing pond maintenance and saving money
- Heavy-duty robust construction ideal for rugged operating environment
- Low maintenance
- All wear areas rubber lined
- Walkway and acess ladder
  Quick assembly time



An ISO 9001:2015 Unit

Technical Data

DESCRIPTION	UNIT	D-50	D-100	D-150	D-200	D-300
*Capacity	TPH	25-50	50-100	75-150	100-200	150-300
Hydro Cyclone Size	mm	250	400	500	500	500
	(inch)	9.8	15.71	19.68	19.68	19.68
Slurry Pump Power	kW	11	15	22/30	30/37	37
	(hp)	15	20	30/40	40/50	50
Weight	kg	4500	6500	7000	8000	10000
	(Ton)	4.5	6.5	7	8	10

DEWATERING SCREEN						
DESCRIPTION	UNIT	D-50	D-100	D-150	D-200	D-300
Screen Area (W x L)	mm	1200X1500	2400X1800	2400X1800	2700X2000	2700X2000-01 3300X2100-01
Operating Angle	deg	0-3°	0-3°	0-3°	0-3°	0-3°1
Motor Power	kW	3.6	7.4	7.4	7.4	7.4
	(hp)	4.82	10	10	10	23.4

*Details may vary based on application

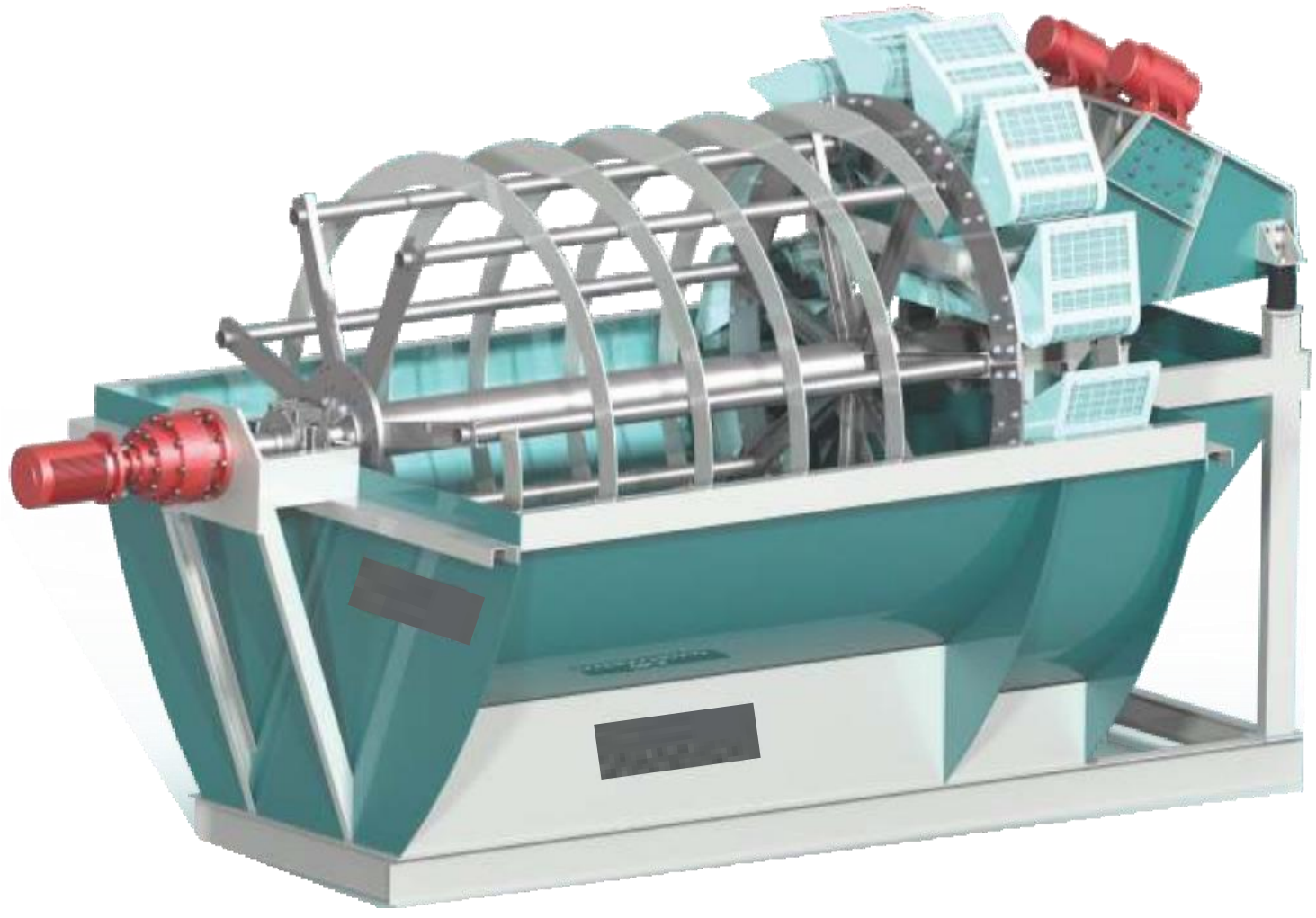
Note: All the above technical details may vary at any time during engineering process & design development

Bucket Classifiers
Washing solution

Bucket Classifiers is mainly used to remove impurities (such as dust). By Cleaning out the sand in the slow moving screw tank, a perfect performance is guaranteed by our Bucket Classifiers. The low turbulence flow of our Bucket Classifiers helps in cleaning the sand without any problem.

Salient Features

- Simple Structure with long serving Life
- Low Power Consumption
- The grade and fineness of washed build sand can reach required standard.
- Produce superior quality sand
- Very low water wastage
- Robust and unique design
- Easy maintenance & Low production cost
- Lubrication system sale and reliable
- PU screens give more wear resistant.



Technical Data

DESCRIPTION	UNIT	SBC 75	DBC 100	DBC 150	DBC 200
*Capacity	TPH	45 - 60	60 - 80	90 - 120	120 - 160
Wheel diameter	m	2.27	2.5	2.75	3.1
Number of buckets		34	36	42	42
Screw Diameter	mm	1800	1700	2200	2800
	(inch)	(71.0)	(67.0)	(86.6)	(110.2)
Water Tank Capacity	ltrs	4500	5000	6000	8000
Motor Power	kW	5.5	7.5	9.3	9.3
	(hp)	(7)	(10)	(12)	(12)
Weight	kg	3600	5200	7100	8500
	(Ton)	(3.6)	(5.2)	(7.1)	(8.5)

DEWATERING SCREEN

DESCRIPTION	UNIT	SBC 75	DBC 100	DBC 150	DBC 200
Screen Area (Wx L)	mm	900 x 1800	1200 x 2150	1500 x 2500	1800 x 2500
	(inch)	(35.4 x 71.0)	(47.2 x 84.6)	(59.0 x 98.4)	(71.0 x 98.4)
*Capacity	TPH	45 - 60	60 - 80	90 - 120	120 - 160
Operating Angle	deg	5°	5°	5°	5°
Motor Power	kW	2 x 1.13	2 x 1.5	2 x 2.2	2 x 3.2
	(hp)	(2 x 2)	(2 x 2)	(2 x 3)	(2 x 4)
Weight	kg	775	850	1300	1900
	(Ton)	(0.77)	(0.85)	(1.3)	(1.9)

FILTERPRESS

Sludge Management

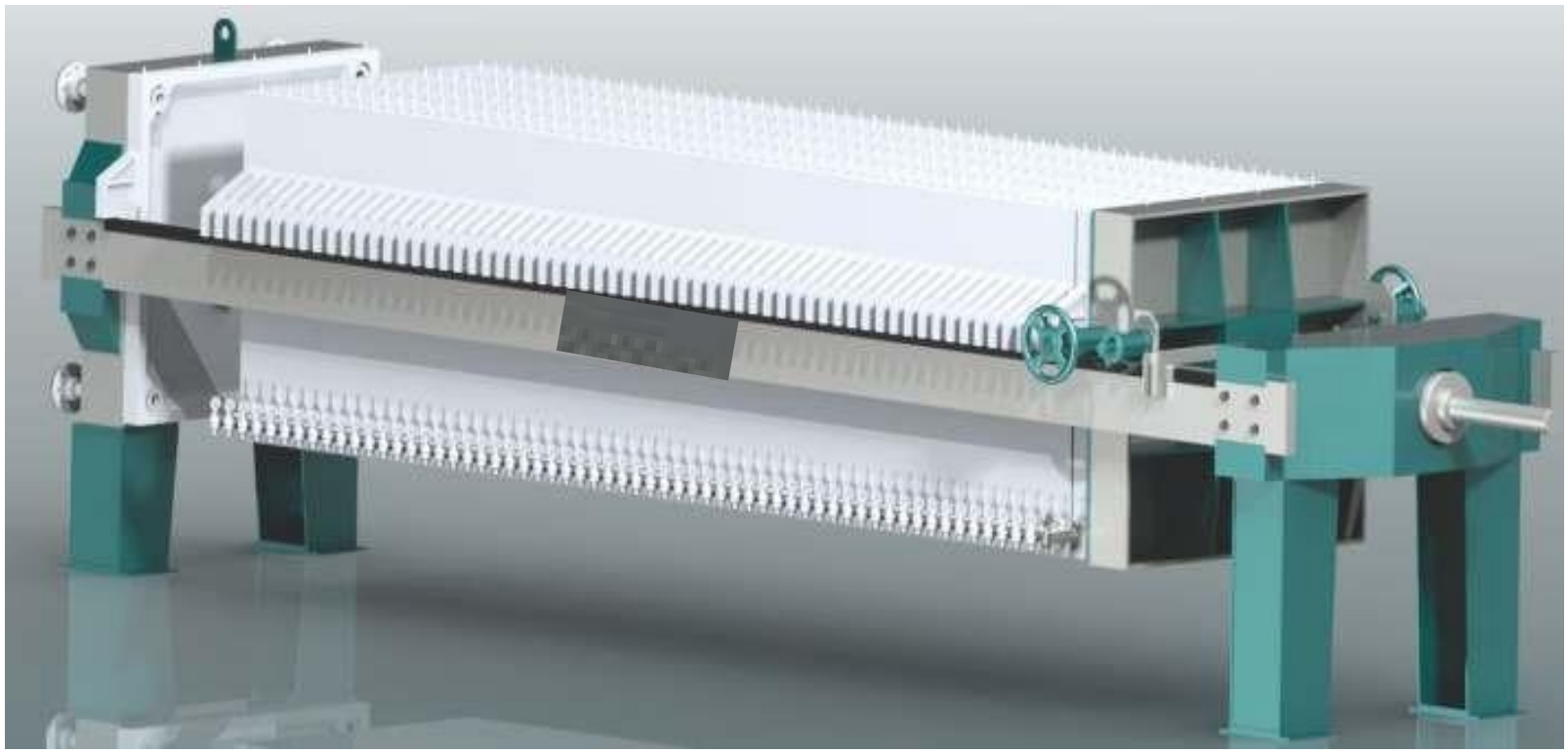
A filter press is a piece of equipment used in liquid/solid separation. Specifically, the filter press separates the liquids and solids using pressure filtration, wherein slurry is pumped into the filter press and is dewatered under pressure. Basically, each filter press is designed based on the volume and type of slurry that needs to be dewatered. It is a trusted expert in liquid/solid separation and
Offers a wide range of filter press types and capacities to suit specific application needs for trouble-free, economical dewatering.

Salient Features

High quality
Cost-effective filter press designs
Precision filtration equipment for low operating costs Trouble-free operations & efficient
Economical dewatering

HOW DOES A FILTER PRESS WORK?

The working principle of filter presses is that slurry is pumped into the machine such that solids are distributed evenly during the fill cycle. Solids build up on the filter cloth, forming the filter cake; the filtrate exits the filter plates through the corner ports into the manifold, yielding clean filtered water. Filter presses are a pressure filtration method and as such, as the filter press feed pump builds pressure, solids build within the chambers until they are completely chock-full of solids, are full, the cycle is complete and the filter cakes are ready to be released.



An ISO 9001:2015 Unit

Technical Data

FILTERPRESS	48” X 48” Size Recess	60" x 60" Size Recess
SKELETON (STRUCTURE)	1200mm X 1200mm	1500mm X 1500mm
Inlet body and Tightening End Body	Mild Steel IS – 2062	Mild Steel IS – 2062
Moving Plate	Mild Steel IS – 20622	Mild Steel IS – 2062
M.S. Plate (Tie Bar)	250 X 50 mm	300 X 50 mm
TYPE OF PLATE	1200mm X 1200mm	1500mm X 1500mm
Material of Construction	Polypropylene	Polypropylene
Cake Thickness (Recess Thickness)	50mm (Each Side 22.5mm +/-2mm)	50mm (Each Side 22.5mm +/-2mm)
Type of Washing	Washing / Non – Washing	Washing / Non – Washing
Number of Chamber	60 Nos.	70 Nos.
Plate Type	Recess Type	Recess Type
Drainage Surface	Raised Pipes	Raised Pipes
Cocks	P. P.	P. P.
NOZZLES	P.P.	P.P.
FILTERATION AREA	2.42 Sq. m. Per Plate	3.92 Sq. m. Per Plate
	145.20 Sq. m. Per Press	274.40 Sq. m. Per Press
CAKE HOLDING CAPACITY	58 Liters Per Plate	80 Liters Per Plate
	3480 Liters Per Press	5600 Liters Per Press
DELIVERY	Open type	Open type
CLOSING MACHANISM	Hydraulic Cylinder with Mechanical Lock Nut	Hydraulic Cylinder with Mechanical Lock Nut
OPERATING PRESSURE	5 Kg. / Cm Sq. At ambient temp.	5 Kg. / Cm Sq. At ambient temp.
HYDRAULIC SYSTEM	2.0 H.P. Motorized Power Pack	2.0 H.P. Motorized Power Pack