SHREE CONMIX ENGINEERS PVT LTD.

JAW CRUSHER

The Jaw crushers are based on a revolutionary modular, non-welded frame construction, offering owners the highest possible fatigue strength, excellent reliability and numerous mounting possibilities. Thanks to the accurately balanced structure, the jaws are easy and economical to install. Combined with special high-quality cast steel components and durable wear parts, means exceptionally high crusher availability, cost-efficient crushing and low cost per ton.

Jaw Plates and other wear parts are designed for high performance and with low operating costs. The life of the wear parts are extended due to the selection of high quality material, proven design and all Jaw Plates are inter-changeable and reversible.

Features:

> Modular Design increasing fatigue strength.
> Single toggle Grease lubricated Crusher
> Absence of stress inducers such as weld seams assures excellent durability against shock loads.
> Remarkable reduction ratio
> Fly wheel design that delivers perfect inertia and least vibration.
> Interchangeable and reversible jaw plates.
> Low operating cost.
> Hydraulic CSS adjustment.
> Sprinkler System (Optional)
> Grease Pump (Optional)

No.	Product Name	Size(mm)	Feed Size (mm)	Capacity (tph)	Output size (mm)
1	JC 3220	800 x 500	400	40 - 130	+ 50 - 200
2	JC 3624	900 x 600	500	60 - 200	+ 65 - 230
3	JC 2842	1050 x 700	550	140 - 500	+105 - 300
4	JC 3242	800 x 1050	650	150 - 550	+115 - 300
5	JC 3648	900 x 1200	750	225 - 600	+150 - 375
6	JC 4260	1050 x 1500	850	400 - 900	+200 - 375

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CONE CRUSHER

The Cone crusher has remarkable high nominal power, effective stroke and cavity range, which really brings great benefits and flexibility to the process. The large feed opening allows the possibility for the Conmix Cone Crusher to be used as a secondary crusher as well.
Much attention has been paid to making our crushers as easy to operate and maintain as possible.

Robust sealing to the inner crusher mechanics provides more effective protection against dust and other unwanted particles – reducing maintenance and increasing the life of the crusher.

Long life from liners of special alloy manganese steel.
An automatic overload protection system is standard.

Our cavity design reduces wear on the feed opening and minimizes the weakening of wear parts throughout the life of the liner. This ensures steady crusher through-put capacity and plant operation through wear part life.

Cone crushers are designed to give utmost performance in a extensive variety of crushing processes, from secondary to extra fine crushing, and from stationary to highly mobile applications. Full Process flexibility is the result of being able to use several diverse crushing cavities in the same frame structure.

Conmix has used its long experience in design, and its know-how in wear parts to minimize the cost of worn manganese per tons produced by keeping the

cavity full, compensating for wear, maximizing the availability of the unit, maximum utilisation of liners and offering valuable operating data.

If any further details are required please feel free to contact us. We shall be glad to respond you promptly.

No.	Model	Capacity TPH	Power HP
01	800SH	50-90	100-150
02	800S	70-150	100-150
03	1000S	120-250	200-250
04	1200HP	150-400	200-300

VERTICAL SHAFT IMPACTOR (VSI)

VSI is unique due to its crushing process. Whereas most other types of crusher use metallic parts to crush rock, the Conmix VSI uses the rock fed into the machine to crush itself. This autogenously crushing process produces the best-shaped aggregate on the market today. Vertical shaft crushing machines designed to operate as third or fourth stage crushers in the processing of all types of rock, ores and minerals.

FEATURES:

> Quick and easy installation. Crushers require minimum support structure and are also ideal as mobile units.

> More tolerant than conventional crushers to difficult feed conditions.

> Range of models available to suit any capacity in tertiary or quaternary applications.

> Very cubicle product

> Beneficiation of material (elimination of soft stone)

> Gradation consistency

> High product yield

> High fracture percentage

> Simple maintenance

> High throughput capacity

> Low capital investment

MICRO CONE

Introducing new crushing concept in INDIA. - "MICRO CONE"

Engineered to perfection **Shree Conmix engineers Pvt. Ltd.** introduces new series of superior crushing quality Micro **Cone Crusher**. These Micro Cone Crushers are grinding performance and consuming lesser energy competitively.

Features:

> Least crushing cost per tonne.

> Latest technology.

> Lesser ware and tare.

> No css setting.

> Start and stop with material only.

> Highest reduction in single pass.

> Producing more of fines.

Technical Specifications:

Rated power	200 hp
Capacity	100- mtph
Feed size	Top size 100 mm (4 in), less sensitive to fines
Product sizes	70% passing 6-8 mm
	35% passing 2-4 mm
Closed side setting (CSS)	Not applicable
Start/Stop	Full with material

Stationary Crushing & Screening Plant

Stationary Crushing & Screening Plant is specially designed for many years of use in one single, fixed location. To meet the individual requirements for a stationary processing plant, the entire plant is designed and set up in accordance with prevailing local conditions, for throughput capacities.

Stationary Crushing & Screening Plant is an advanced, automated and highly integrated crushing plant production unit, with vibrating feeder, jaw crusher, cone crusher, impact crusher, vibrating screen, and belt conveyor. Capacity range 50-600 TPH, final product range 0 – 70 millimeters. Limited variations to our standardized designs acc. to well defined customer requirements may be made available, provided all product structural and functional merits be properly conserved. These plants are widely deployed in mining industry, construction, water conservancy, metallurgy, and other applications.

Attention :

Each of the specified capacities is the possible maximum capacity in continuous, normal unit & plant operations with satisfactory plant & unit configurations and under ideal working conditions, which include but are not limited to a full conformance to good quality of feed material as required, among other operational conditions which need to be established & maintained at all times. In reality, actual capacities will vary due to multiple site, plant & environmental factors. We do not guarantee in any way any capacity or production result without a separate, specifically written consent, particular to any case or installation being clearly identified & specified.

Features :

> Optimum quality
> Easy to install
> Precisely designed
> Smooth operation
> Low maintenance
> Long service life

SHREE CONMIX ENGINEERS PVT LTD.

> Rust-proof
> Optimum performance
> Cost-l

Throughput (TPH)	Feeder	Jaw Crusher	Feeder	Cone Crusher	Cone Crusher	Impact Crusher	Screen	Motor Power Rating (kW)
50	MVG924	MS2416		MCC600			MOP1536T	112
90	MVGH943	MS3020		MCC1000			MOP1536T	210
	MVGH943	MS3020	MVF100	MCC1000			MOP1848T	220
100	MVGH943	MS3624	MVF100	MCC1000			MOP1848T	300
	MVGH943	MS3624	MVF100			MIC133152	MOP1848T	350
	MVGH943	MS3020	MVF100	MCC1000			MOP1848T	294
120	MVGH943	MS3624	MVF100	MCC1000	MCF1000		MOP1848T	352
	MVG1230	MS3624	MVF100			MIC133152	MOP1848T	431
150	MVGH943	MS3624	MVF100	MCC1300	MCF1000		MOP2160T	410
	MVGH943	MS3624	MVF100	MCC1300			MOP2160T	330
	MVGH943	MS3624	MVF100			MIC133152	MOP2160T	330
200	MVGH1150	MS4230	MVF100	MCC1300	MCF1300		MOP2160T	530
	MVGH1150	MS4230	MVF100	MCC1300	MCSS1370		MOP2160T	720
300	MVGH1150	MS4840	MVF100	MCC1370	MCF1370(2)		MOP2160T(2)	994
	MVGH1150	MS4840	MVF100	MCC1370		MIC133152(2)	MOP2160T(2)	994
	MVGH1150	MS4840	MVF100	MCC1370	MCSS1370(2)	MIC133152(2)	MOP2160T(2)	1851
500	MVGH1360	MS6040	MVF100	MCC1500	MCF1500(2)		MOP2160T(2)	1540
	MVGH1360	MS6040	MVF100	MCC1500	MCSS1370(2)		MOP2160T(2)	1760
	MVGH1360	MS6040	MVF100	MCC1500		MIC133184(2)	MOP2160T(2)	1540

Semi Mobile Crushing & Screening Plant

We are the leading organization in the industry, highly engaged in manufacturing and supplying the best quality range of Semi Mobile Crushing And Screening Plant. The provided plant ensures a cost-effective method for fulfilling low quantity or limited time crushing requirements such as a road construction project or patch repair works. The offered plant is carefully assembled by our highly experienced professionals using the modern technology. Offered plant is highly appreciated by our clients owing to its easy installation and long service life.

Semi Mobile Crushing Plants are built ready-mounted on their own travel gear. Semi-mobile plants comes ready to operate with its own feed hopper, feed conveyor, discharge conveyor and material transfer belt. The size and design of the crusher naturally depends upon the work that it is intended and always to be recommended when a change of location in long periods is required in order to optimize the raw material transportation- and operational-costs of the quarry department.

Features:

- Less maintenance
- Long service life
- Easy to install

Product Description:

Such plants can be tailor made to suit factors such as application, capacity and site conditions. Careful static and dynamic load analysis is undertaken by our highly experienced design team while designing such plants, also keeping in mind the mobility factor. This type of a plant primarily consists of a jaw crusher (single or double toggle) and Screen (vibrating or rotary type) mounted on a trolley, below which steel or pneumatic wheels are provided for mobility. Small belt conveyor (s) may also be incorporated, if needed. The trolley, fabricated of heavy steel sections, also has jacks for parking during running of the plant, for the purpose of with standing the heavy shock load. Plant can be designed to run by electric motor or clutch mounted oil engine. View has the distinction of supply of highly successful

Semi Mobile Crushing units to a number of reputed construction contractors based in India.

Track Mounted Crushing & Screening Plant

To meet Our Clients' expectations and needs we are introducing another master piece. The LT Series Plants, available with Jaw Crusher, Cone Crusher and Vertical Shaft Impactor. We offer our LT Series Plants with options of electric driven or Hydraulic Driven.

We know that the only real measure of our worth is in the results we deliver to our customers. Our expertise is rooted in more than two decades of experience that today provides our customers with an unparalleled knowledge base plus the engineering know-how and innovative technologies.

A reliable and efficient mobile crushing plant is the sum of several factors working together smoothly.

- **LT Series Plant's compact design** and agility on track, drives it to lower transport and operating cost of crushing. The chassis design, with good clearance at both ends, enables safe and easy loading onto a trailer. Thanks to the feed hopper's removable sides the unit is ready for crushing or transport within minutes.
- **The LT - Jaw series Plants are built around the** jaw crusher benefiting from proven, tested solutions through the latest product development and know-how. The sturdy, bolted and pinned design increases the durability of the crusher against shock loads. We have developed the LT Series Plants with options of Electric Drives and Hydraulic Drives.

The LT Electric is a revolutionary masterpiece in mobile crushing with electricity. Superior capacity combined with excellent fuel economy provides the lowest sustainable cost per ton. its power supplied either by an external network or by the on-board diesel generator. The electrically driven crusher and conveyors enable a highly effective, economical and environment-friendly process.

Features:

- Heavy duty and durable fabricated chassis.
- Stepped self-cleaning grizzly feeder
- Compact
- Higher Ground Clearance

- Grizzly by-pass and fines chute
- Optional in electric and hydraulics drive system.
- All service points are easy to access.
- Key points are equipped with grease hoses.
- Service platforms are located for easy component access.
- Emergency stops are on both side and well marked and positioned.
- Minimum amount of dismantling necessary.

Technical Specifications:

STANDARD Equipments	LT 3220	LT 3624	LT 2842
Transportation Dimension			
Length (mm)	9000	9900	10900
Width (mm)	3300	3300	3500
Height (mm)	3400	3400	3400
Crusher			
Intake Width	32" (800mm)	36" (900mm)	42" (1050mm)
Intake Depth	20" (500mm)	24" (600mm)	28" (700mm)
Hopper			
Volume (m3)	4	4	6
Width (mm)	2800	2800	2800
Loading Height (mm)	3200	3600	4000
Feeder			
Lenght (mm)	2800	3200	4000
Width (mm)	900	1000	1100
Power (H.P.)	200	225	300
Weight (Tonnes)	25	28	38

Vibrating Screens & Feeders

We hold expertise in manufacturing, exporting and supplying a wide range of **Vibrating Screens & Feeders** that is manufactured using quality proven raw material and sophisticated techniques. This screen is widely applauded in the market for its extraordinary features such as strong construction, optimum quality and rust free. Tested on every phase of toughness, the offered screen has high load bearing capacity and is used for different purposes in many industries.

Vibrating Screens & Feeder can feed lump or granulated materials to the other devices evenly and continuously. In sand and gravel production line, the continuous feeding of the Vibrating Screens & Feeder machine helps avoid the blockage at receiving hopper. With easy flow adjustment, low noise and energy consumption, vibrating feeder is applied to crushing and screening production lines on crushing site, in mining, metallurgy, building material, chemistry, mineral processing, and coal industries.

This Vibrating Screens & Feeder adopts an eccentric block to produce centrifugal force which makes the movable parts like screen box and vibrator move continuously in a circle or an approximate circle. The material then vibrates and jumps with the screen box on the tilted screen and is then continuously and equably discharged.

Features:

> Smooth outer finish

> Low maintenance

> High load bearing capacity

> Low maintenance and operating cost

> High availability of screening machinery

> Compact and modular construction

> Single or multi deck type

> Sand & Crushed Stone

> Iron / Bauxite / Copper Ore

> Coal, Coke & Iron Ore Fines

> Limestone & Dolomite

> Basalts & Gypsum

> Municipal Solid Waste

> Construction & Demolition

> E-Waste recycling

> Wood Chips, Sawdust, & Wood Flour

> Bio-Solids

> Shredded Materials

> Chemicals

Concrete Batching & Mixing Plants

Engineered to perfection Shree Conmix engineers Pvt. Ltd. has invested heavily in state of the art designing & manufacturing techniques to make the equipment Maintenance free and to perform continuously efficient.

Conmix introduces new series Compact Concrete Batching & Mixing Plant solving the purpose of mobility and frequent site transfer. In general Mobility with performance of stationary plant.

This plant can be transported in single 40 ft trailer giving ease in transfer for long distance transport. Internal site transfer is possible as it is semi mobile plant.

Features:

- 20/30/40 m^3/hour vibrated concrete production capacity .
- Available mixer Turbo / Planetary pan mixer.
- Quick Erection, Commissioning & Dismantling (within 24 hours).

- Easy installation and start-up .
- Fully loaded plant for quick erection, commissioning & Dismantling. Collapsible type In-built control cabin for easy transport.
- Less ground area required thus Effectively Negligible owning & operating cost.

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- Fully automatic robust control system .
- Reliable units (Siemens, Crompton, WAM etc.)
- Technologic and high quality production
- Civil Foundation work is not required
- Easy transportation & shifting by toeing.
- Easy installation and operation.
- Remarkably cost efficient.
- Inbuilt Water and Additive tank.
- Minimized concrete transportation costs.
- Compact and heavy duty frame.
- Designed economically.
- PLC based Microprocessor with touch screen.
- User Friendly and maintenance free plant.

- This plant discharges directly in transit mixers or Concrete Pumps.

Plant Capacity	Unit	CC20	CC30	CC40
Compacted Concrete	m3/Hr	20	30	40
Mixer Details				
Type Of Mixer		**Turbo / Planetary**		
Mixer Capacity	m3	0.375	0.5	0.75
Input / Output Capacity	Lit.	500/375	750/500	1000/750
Motor Power	H.P.	20/25	30/30	40/40
Discharge Height	Mtrs.	4	4	4
Aggregate Bin				
No. of compartment	No.	4	4	4
Capacity of each compartment	m3	4	7.5	10
Weighing System		**Electronic Digital**		
Aggregate Scale	Kg.	1000	1500	2500
Cement Scale	Kg.	300	300	600
Water Scale	Lit.	Flow Meter	Flow Metre	300
Additive			**Optional**	
Control Panel	-	**Fully Automatic**		
Total Power Require	**H.P.**	**40/45**	**60/60**	**80/80**

Transit Mixers

Conmix, the well-known name for concrete Transit Mixer is a strong well designed piece of equipments meant for transporting concrete from plant directly to the place where it is to be poured.

Conmix is a hydrostatic Transit Mixer mounted on truck chassis in different capacities like 3,4 and 6 cum. Hydrostatic power is transmitted by a high pressure axial piston type pump and motor (Rexroth / Sauer Sundstrand German make) which permits infinite varying drum speed from 0 to 14 rpm in both directions. The pump gives flow to a high pressure hydraulic motor which rotates the mixer drum through a planetary gear box (ZF / Sauer Sundstrand German make).

A specially developed Transit Mixer which can be mounted on 142" wheel base chassis with high drum speed and speedy discharge arrangement.