



**INDUS
CRUSHER**

Total Crushing & Screening Solution

INNOVATION IN CRUSHING AND SCREENING

INDUS ICC SERIES
CONE CRUSHER



INDUS IJC SERIES
JAW CRUSHER



INDUS IVI SERIES
VERTICAL SHAFT IMPACTOR



INDUS IVS SERIES
VIBRATING SCREEN



LET'S CRUSH THE ROCKS

ABOUT US

Nakoda group is promoted by professionals having vast experience of over three decades in Mining, Drilling & Excavation industry. In last few years the company has expanded its manufacturing range and have come out with crushers and screens. We have also started manufacturing various portable screw Air Compressors with technical collaboration with world leaders.

Our Aim

To provide world class products with good quality and establish the dream of “MAKE IN INDIA - MAKE FOR WORLD”.

MANUFACTURING FACILITIES - UNIT 1, UNIT 2 & UNIT 3



INDUS IJC SERIES JAW CRUSHER

Indus IJC Series Jaw Crusher is an indigenous art of Indus R & D Indus IJC series toggle Jaw Crusher offers maximum possible fatigue strength and best reliability with various mounting possibilities. The fully-welded sturdy construction results in lowering the production cost per ton.

Indus Jaw Crushers are built with the help of state of art CNC machines. Stringent quality control process ensures that the products are delivered ready to run and trouble free. Single Toggle Jaw Crushers are designed to impart on a rock particle placed between a fixed and moving jaw plate. The moving jaw plate applies the force of impact on particles held against the fix jaw plate. Both the jaw plates are bolted on to heavy lock. The moving jaw plate is pivoted at the top end and connected to an eccentric shaft. The retrieving action of the jaw plate travel is done by spring pulling mechanism.

FEATURES

- Large feed acceptance capability
- Optimized nip angle
- Safe and easy operation and maintenance
- Proven technology with welded design
- Enhanced capacity with high reduction ratio
- Interchangeable and reversible jaw plates
- Easy and safe adjustment mechanism
- Hydraulic wedge / Toggle mechanism
- Hydraulic shum less CSS setting in Primery Jaw Crusher
- Solid split free bearing housing

Maximises size reduction
and production capacity



A reliable High Capacity
High Reduction Operation



Primary Jaw Crusher Sizes

MODEL	OPENING (mm/inch)	FEED SIZE (mm)	POWER (HP)	CSS RANGE (mm)	WEIGHT (Ton)
IJC 8050	810 x 500 32 x 20	450	60	50-110	9.5
IJC 8560	863 x 600 34 x 24	550	75	60-140	12.8
IJC 9070	915 x 700 36 x 28	650	100	75-180	16
IJC 1085	1065 x 813 42 x 32	750	150	90-220	23.6
IJC 1180	1160 x 864 46 x 34	800	180	125-200	26
IJC 1390	1300 x 900 52 x 36	850	215	130-220	32

CSS		8050	8560	9070	1085	1180
Inches	mm					
3	65	50 - 60	70 - 85	-	-	-
3	75	60 - 70	80 - 95	90 - 105	-	-
4	100	70 - 85	90 - 105	100 - 125	130 - 150	170 - 200
5	125	85 - 95	100 - 125	115 - 125	140 - 180	190 - 230
6	150	-	110 - 130	125 - 140	180 - 220	220 - 275
8	200	-	-	130 - 150	200 - 240	250 - 300

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

INDUS ICC SERIES CONE CURSHER

Indus ICC series Cone Crushers are right choice in aggregates production and in mining operations.

ICC series cone crushers family consists of two ranges. Indus ICC series designed specially for the demanding secondary crushing applications where-as the general range can be used in secondary, tertiary and quaternary crushing applications.

Indus cone crushers can be adapted to any specific production requirements with adjustments such as change of cavities, eccentric strokes, counter shaft speeds and different control methods.

ICC series Cone Crushers are rigidly designed for demanding output conditions.



FEATURES

- Bigger mantle diameter combined with effective speed to enhance productivity.
- Availability of specially defined chambers to crush coarse/fine feed materials and also to cover open/closed circuit.
- Minimizes voids between lager stones thereby increasing Capacity.
- Uniform crushing increases concave, mantle life.
- No backing compound required making liner change simple efficient & safe.
- Protection against overload or entry foreign metal.
- Study crusher housing to withstand server forces of crushing.
- Easy installation & maintenance.

MODEL	CSS	Throughput (TPH)	Weight (Ton)	Power (HP)	Feed Size (mm)
ICC 800	16-26	75-100	08	100	110
ICC 950	18-32	100-125	10	150	140
ICC 1100	20-40	125-225	12	220	190
ICC 1200	26-45	225-275	17	275	220
ICC 800 F	08-16	50-75	10	150	24
ICC 950 F	08-16	75-100	10	150	24
ICC 1100 F	10-16	100-125	12	220	30
ICC 1200 F	12-24	125-175	17	275	40

Details may vary based on application.

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



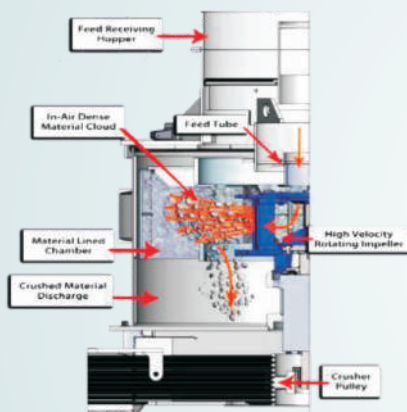
INDUS IVI SERIES

VERTICAL SHAFT IMPACTOR

Indus Vertical Impactor are made with art of engineering Rock on Rock & Rock on Avial principle.

Indus Vertical shaft Impactor (VSI) crushers are deigned to be used in making the sand in secondary, tertiary or quaternary stage crushing. The crushers are suitable for wide range of applications including the production of high quality manufactured sand, well-shaped aggregates and other minerals.

Indus crushers are very high value solution due to its unique design. Advance alternatives with open table designs, multi- port rotors and larger bearings gives high value solutions and deliver high performance.



Indus Autogenetic Crushing Process

Rock on Rock reduction of all material feeds is achieved high velocity energy transferred which commences as the rock feed enters the feed tube . At this point it is moving by gravity. When the incoming continue ribbon of the rock particles passes over the centre distribution plate of the rotor, It is divided into separate multiple streams. These are forcefully impacted on the troling edge of the autogenous waves at the centre of the rotor ports exit . As the material begins its path through the rotor. Its being compressed by the rising centrifugal forces created by the the rotor's rotation.

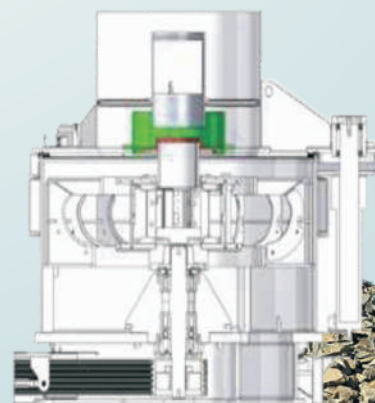
Indus Sander Impactor with Rock on Rock & Rock on Avial

Indus Crusher utilise advance geometry designed rotors of multiple ports & multiple heights. These rotors are available in short, standard and tall design to suit specific application requirements. This provides the great versatility and broadest application range for Indus VSI crusher. Indus VSI crusher uses 3, 4, 5 or 6 Port for different rocks & applications.

Models	IVI 1004	IVI 1104	IVI 2004	IVI 3004	IVI 4004	IVI 5004
Drive	Pulleys					
Power HP	75-100	120-150	180-220	300-340	340-440	440-600
Rotor	4 Port	4 Port	4 Port	4/5 Port	4/5 Port	4/5 Port
Rotor Dia	620 mm	650 mm	620 mm	840 mm	900 mm	1000 mm
Totor Tips	Drop-in					
Crushing Action	Rock-on-Rock					
Velocity	50-65 m/s					
Weight	3.53 T	4.5 T	4.5 T	11 T	12 T	13 T

Details may vary based on application.

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



INDUS IVS SERIES VIBRATING SCREEN



High screening capacity and excellent performance. Circular motion modular vibrators with two bearings per vibrator, interconnected by Cardan shaft.

The unique angle of the circular motion IVS Screens is able to achieve higher productivity.

Modular design is available either as 1, 2, 3 or 4 deck and has excellent segregation to suit the aggregate and mining industries' requirements.

Stroke adjustment through counterweight. A grease lubrication system ensures easy and low maintenance.

Easy maintenance due to our movable front chute with slider.

Our Centre shaft Screens are specially designed for bigger, medium and fine size separation applications. Our screens are designed for Scalping, primary and secondary crushing and for final screening of a finished fraction.

Available in two, three & four-deck options in 6 sizes with a capacity range from 100 tph to 650 tph. Range includes circular, linear & elliptical motions.

ADVANTAGES

- The design offers maximum flexibility with minimum downtime.
- Drive assembly designed for flexibility, safety, easy service and maintenance.
- Custom built to ensure high performance in aggregate & mining industries.
- Innovative Huck bolted design
- 4 bearings for better load-bearing capability

Description	Unit	IVS 1560	IVS 1860	IVS 2160	IVS 2460
Screen Size	Feet	20 x 5	20 x 6	20 x 7	20 x 8
Screen Area	Cubic Meter	9.0 m ³	10.8 m ³	12.6 m ³	14.4 m ³
Capacity	TPH	150	200	250	300
Decks	Nos	2 / 3 / 4	2 / 3 / 4	2 / 3 / 4	2 / 3 / 4
Screen Position	-	Tilted	Tilted	Tilted	Tilted
Motor Power	HP	20-25	25-30	30-40	30-50
Weight	Ton	5.1	6.2	8.2	10.2

Details may vary based on application.

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

SALES & SUPPORT

SALES

Pan India Presence
with Branches,
Dealers,
Executives and
Engineers Network.

Pan India Presence
with Dealers,
Engineers with
backup and genuine
spare parts
support.

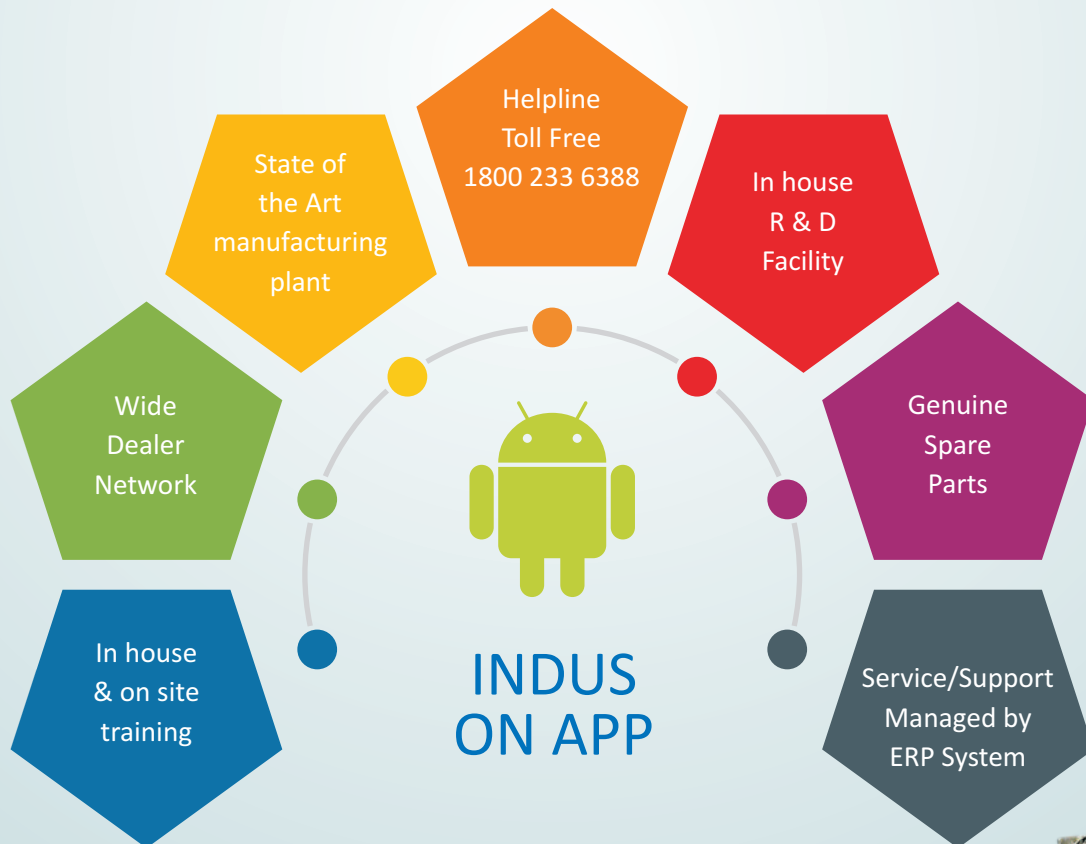
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SPARES

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with Dealers,
Engineers
with backup of
genuine spare parts
support.

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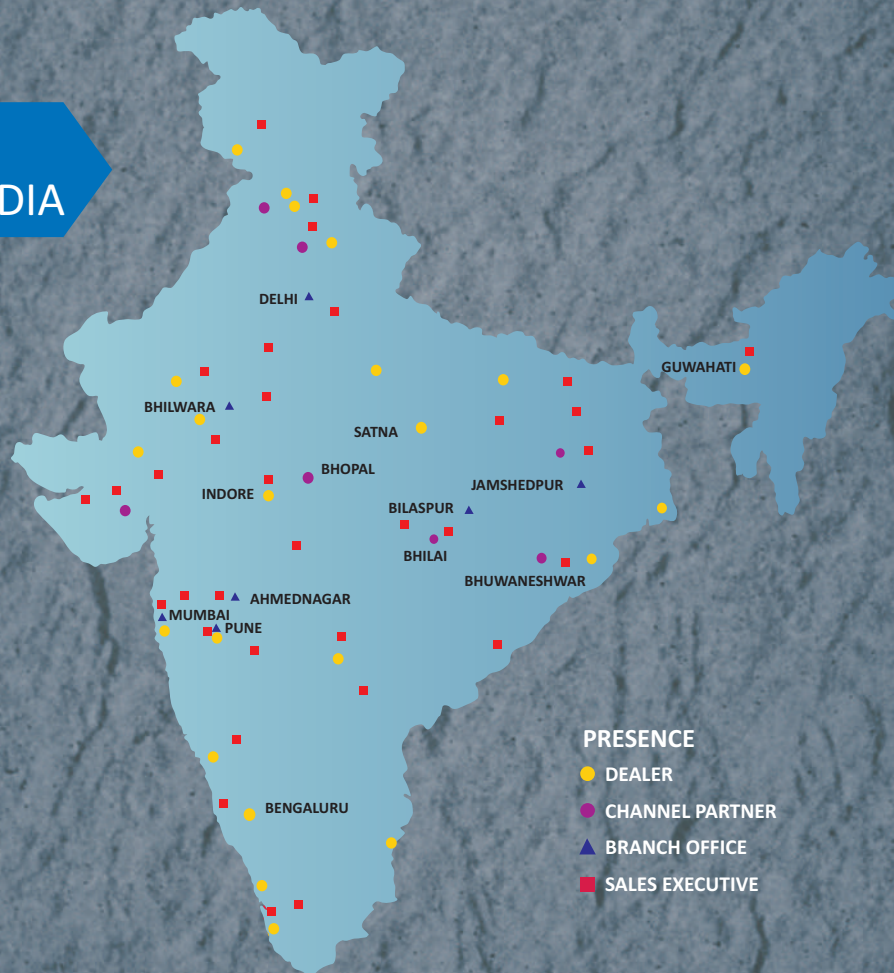
TRAINING



Wide Range of Products



Sales & Service
Network- PAN INDIA



NAKODA MACHINERY PVT LTD

Corporate Office :

139, 1st Floor, Patil Plaza, Mitra Mandal Chowk,
Pune 411009 (Maharashtra, INDIA)

+91 20 24449600, 41203772

sales@Induscrusher.com / info@induscrusher.com

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