



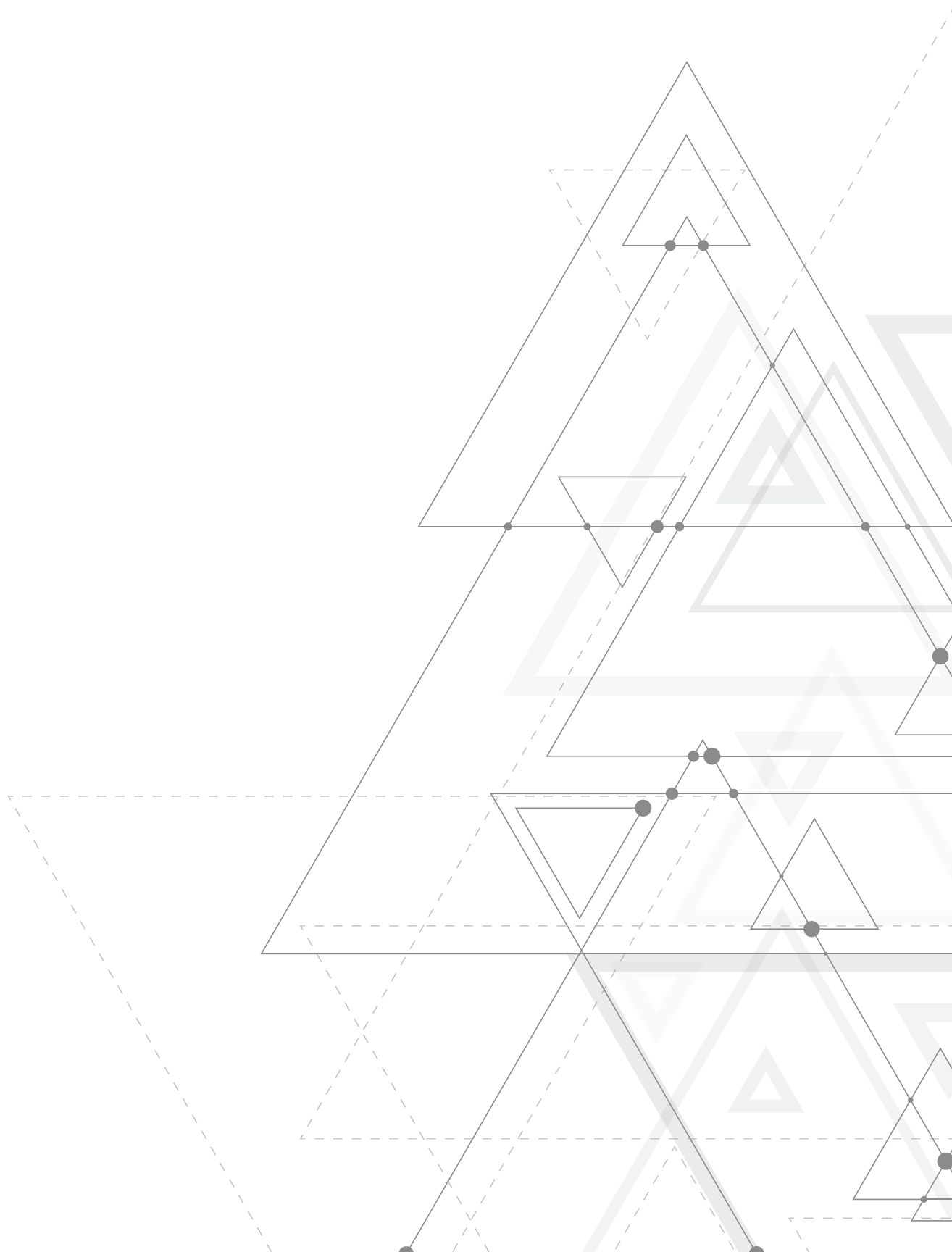
Crushing

Screening

Beneficiation

Conveying

CRUSHING BOUNDARIES,  
**SHAPING INDUSTRIES**











## 20 Years of Experience

### Start to Success, Together

With over 20 years of expertise, Taurian™ has established itself as a leading Indian manufacturer of crushing and screening equipment for aggregates, mining, and mineral processing. The name Taurian™ stands for excellence and reliability globally.

Founded by industry experts, Taurian™ has evolved from a family business to India's only public limited company in its field. Focused on long-term value and quick ROI, Taurian™ has strategic partners with top U.S. and European firms to deliver superior products that meet global industry standards.

Whether you're an experienced veteran or new to the industry, Taurian™ offers extensive support to the global aggregate market through its leading brands, including Taurian MPS™, Terratrak™, Cyclowash™, and Stackmax™.

# The Journey

through the years

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#### 2005 – The Beginning of a Vision

Born in Roorkee, Uttarakhand, we set out with a bold vision — to redefine India's crushing and screening industry through innovation, reliability, and cost-efficiency. What began as an idea soon became a mission to empower mining and construction businesses with smarter, stronger solutions.

#### 2010 – Revolutionized sand production

Introduced Falcon VSI crushers for improved sand production and shaping and GS series cone crushers designed for secondary and tertiary crushing.

That same year, we commissioned our first major crushing plant in Eastern India, marking the beginning of our journey toward engineering excellence.

#### 2014: Mobile Equipment Introduction

Wheeled Crushing Units: Developed and commissioned wheel mounted crushing plant for easier in pit crushing and road construction projects.

Track Screening Unit: Introduced the Panther Series for screening fly ash and coal, with completely mobile diesel-powered units.

#### 2016: Restructuring and Expansion

Expanded our presence into every single state in India, firmly establishing our brand nationwide. This extensive reach enabled us to serve diverse markets, strengthen customer relationships, and position ourselves as a trusted leader in the crushing and screening industry across the country.

#### 2020: The Terratrak Revolution

We disrupted convention again with the Terratrak Series — India's first hybrid track-mounted crusher, cutting fuel costs by up to 80% while delivering uncompromised power and sustainability.

#### 2023: Cyclowash Series

Launched the Cyclowash washing systems, giving customers an advanced, efficient, and eco-friendly solution for aggregate washing — a perfect synergy of technology and trust.

#### 2024: Global Expansion and Strategic Growth

Built a strong international dealer network across continents.

Formed a strategic joint venture with a leading European engineering powerhouse, expanding our reach into global mining and metals markets.

Introduced the Stackmaxx Conveyor Systems — telescopic, track-mounted, and engineered for large-scale mining and port operations.

#### 2025: IPO Launch: A new era begins!

Our IPO launch marks a defining moment in our journey — a reflection of two decades of innovation, integrity, and investor confidence.

The next chapter begins, powered by the same spirit that started it all — engineering the future of crushing and screening.

# Global Alliance

Crushing & Mining Solutions





The **Taurian MPS** and **+NR** partnership combines Taurian's expertise in manufacturing robust equipment with +NR's strengths in application engineering and project management. This synergy delivers tailored, efficient solutions, blending innovative machinery with system optimization. Together, we ensure seamless execution, operational excellence, and comprehensive lifecycle support for mining projects.





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# FERRATRAK

TRANSFORMING TECHNOLOGY

A Taurian Brand

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TRACK JAW



TRACK CONE - REGULAR



TRACK CONE - PRESCREEN



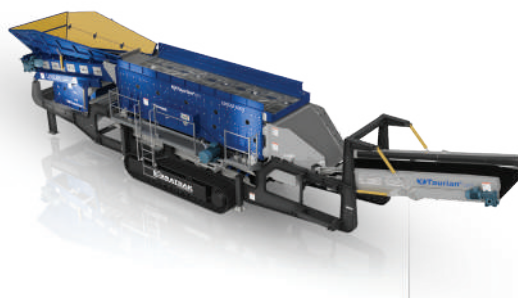
TRACK CONE - REVERSE CONVEYOR



TRACK IMPACTOR



TRACK INCLINED SCREEN



TRACK HORIZONTAL SCREEN

# FERRATRAK

## Track Jaw

### Hydraulically Foldable Hopper

Hopper capacity: Upto 9m<sup>3</sup>  
Feed height: 3.98m  
Optional hopper extensions 11m<sup>3</sup>

### Grizzly Feeder

Automatic speed control (optional)  
Efficient material flow with high stroke vibrating unit  
Wear resistant feeder bottom (rubber as an option)

### Jaw Crusher

Strong bolted structure  
Large stroke and kinematics for hard rock  
Hydraulic setting adjustment (optional)  
Swinging motion for easy cavity clearance

### Main Conveyor

Belt width: 1m  
Discharge height: 3.6m  
Stockpile capacity: 70m<sup>3</sup>  
Electrically driven belt conveyor with steel enforcing  
Height-adjustable magnet (optional)  
Impact bars at feed point

### Heavy-duty Tracks

Shoe width: 500mm  
Open frame design for easy service access  
Agile tracks with 2-speed mode for turnability and speed

### Effective Pre-screening

Maximizes crusher efficiency and  
separates scalped product via side  
conveyor

### Rotating Side Conveyor

Quick to setup  
Discharge on either side  
High speed for stockpile capacity  
Belt width: 650mm

### Control Panel

User friendly waterproof and dustproof control panel.  
Allows monitoring of pressure, fluid levels and fuel consumption.  
Provides push button control of jaw track and feeder functions.

### Power Unit

Cummins/ Scania diesel oil engine.  
Engine speed 1500rpm



## Technical Specification

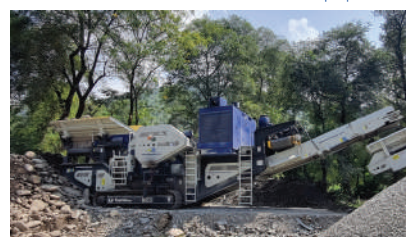
Model	TT 150 J	TT 200 J	TT 300 J
Working ( $L \times W \times H$ )	14900 x 19600 x 3250	15700 x 20400 x 3900	15700 x 20400 x 3900
Transport ( $L \times W \times H$ )	13800 x 2250 x 2800	14500 x 2900 x 3500	14500 x 2900 x 3500
Weight	45500 kgs	50500 kgs	54300 kgs
Feed opening	930 x 580 mm	1060 x 700 mm	1150 x 800 mm
Plant capacity	Upto 200 TPH	Upto 280 TPH	Upto 350 TPH
Hopper volume	8 m <sup>3</sup>	9 m <sup>3</sup>	9 m <sup>3</sup>
Motor	90 kW	110 kW	132 kW
Engine	250 kVA	250 kVA	250 kVA
CSS range	60 mm / 175 mm	70 mm / 200 mm	70 mm / 200 mm
Jaw crusher	TJ 150 (23 X 37 in)	TJ 200 (28 X 42 in)	TJ 300 (32 X 45 in)
Grizzly feeder	TGF 1035-2S	TGF 1142-2S	TGF 1148-2S



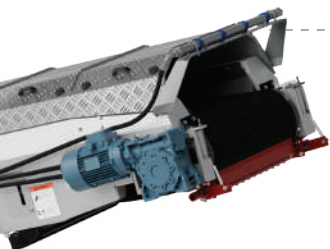
Excon | Track Jaw



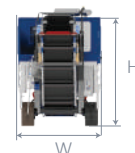
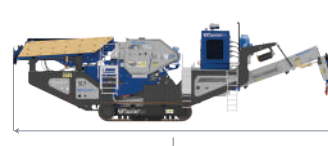
Bauma Conexpo | Track Jaw



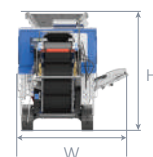
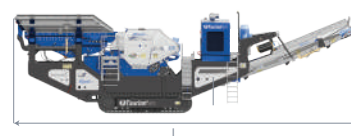
Jammu and Kashmir | Track Jaw



### Transport Dimensions



### Working Dimensions





# FERRATRAK

## Track Cone - Regular

### Large Feed Hopper with Belt Feeder

Hopper capacity: 5m<sup>3</sup>  
 Belt width: 1.05m  
 Working angle: 24° (pre-screen feed) & 21° (direct feed)  
 Equipped with metal detector and crash bar  
 Discharge end is hydraulically lowered for transport.

### Cone Crusher

Variable speed control settings for producing a quality aggregate  
 Proven crusher suitable for hard rock  
 Different cavities for secondary or tertiary applications: CG  
 On the fly Hydraulically adjustable closed side setting : CB

### Prescreen Module

The prescreen module completely removes fines from entering the cone chamber to maximise production through the cone.  
 Reduces wear in the cone

### Power Unit

Cummins/ Scania diesel oil engine.  
 Electrically driven power systems and chamber offer significant cost savings  
 Reduced engine noise for urban environments

### Heavy-duty Tracks

Shoe width: 500mm  
 FEM designed structure for optimized weight and lifetime.  
 Open frame design for easy service access.  
 Agile tracks with 2-speed mode for turnability and speed.

### Main Conveyor

Belt: 900mm  
 Discharge height: 3.3m  
 Standard stockpile capacity: 53.5m<sup>3</sup>  
 Electrically driven belt conveyor with steel enforcing





## Technical Specification

Model	TT 150 CG	TT 250 CG	TT 300 CG	TT 200 CB	TT 300 CB
Working (L × W × H)	16500 x 3200 x 4250	16500 x 3200 x 4250	16500 x 3200 x 4250	14900 x 3900 x 4350	16800 x 3920 x 4890
Transport (L × W × H)	16900 x 3200 x 3750	16900 x 3200 x 3750	16900 x 3200 x 3750	15550 x 2750 x 3450	17920 x 3000 x 3800
Weight	39420 kgs	46500 kgs	49500 kgs	40350 kgs	50250 kgs
Max feed size	200-250 mm	180-220 mm	280-380 mm	200mm	225 mm
Feed capacity	150 mm	250 mm	300 mm	225 mm	325 mm
Hopper volume	5 m <sup>3</sup>	5 m <sup>3</sup>	6 m <sup>3</sup>	5 m <sup>3</sup>	6 m <sup>3</sup>
Motor	90 kW	160 kW	250 kW	160 kW	225 kW
Engine	238 kVA	375 kVA	438 kVA	320 kVA	506 kVA
CSS range	20–45 mm	25–50 mm	25–50 mm	19–32 mm	19–32 mm
Cone crusher	CG 150	CG 250	CG 300	CB 200	CB 300



Bauma Conexpo | Track Cone- Regular



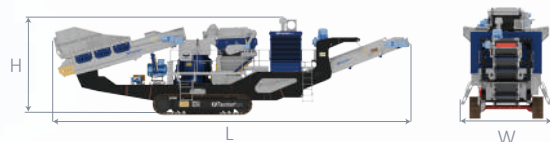
Madhya Pradesh | Track Cone- Regular



Uttarakhand | Track Cone- Regular



Transport Dimensions



Working Dimensions



# FERRATRAK

## Track Cone - Prescreen

### Large Feed Hopper with Belt Feeder

Hopper capacity: 5m<sup>3</sup>  
 Belt width: 1.05m  
 Working angle: 24° (pre-screen feed) & 21° (direct feed)  
 Equipped with metal detector and crash bar  
 Discharge end is hydraulically lowered for transport.

### Cone Crusher

Variable speed control settings for producing a quality aggregate  
 Proven crusher suitable for hard rock  
 Different cavities for secondary or tertiary applications: CG  
 On the fly Hydraulically adjustable closed side setting : CB

### Prescreen Module

The prescreen module completely removes fines from entering the cone chamber to maximise production through the cone.  
 Reduces wear in the cone

### Power Unit

Cummins/ Scania diesel oil engine.  
 Electrically driven power systems and chamber offer significant cost savings  
 Reduced engine noise for urban environments

### Heavy-duty Tracks

Shoe width: 500mm  
 FEM designed structure for optimized weight and lifetime.  
 Open frame design for easy service access.  
 Agile tracks with 2-speed mode for turnability and speed.

### Main Conveyor

Belt: 900mm  
 Discharge height: 3.3m  
 Standard stockpile capacity: 53.5m<sup>3</sup>  
 Electrically driven belt conveyor with steel enforcing

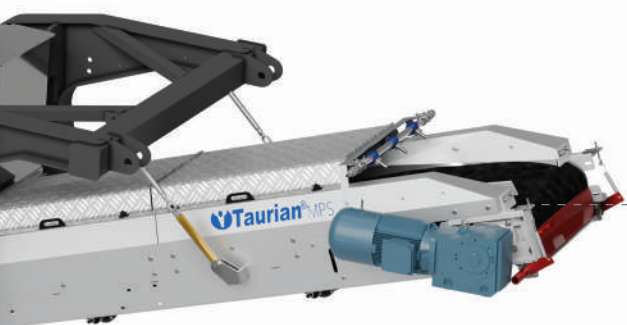


## Technical Specifications

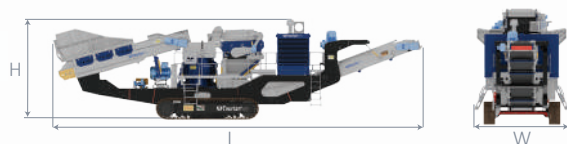
Model	TT 200 CB PS	TT 300 CB PS
Working ( $L \times W \times H$ )	15800 x 3770 x 4750	19250 x 7100 x 6000
Transport ( $L \times W \times H$ )	16900 x 3000 x 3500	18300 x 3000 x 3800
Weight	45320 kgs	64820 kgs
Max feed size	200 mm	225 mm
Feed capacity	225 TPH	325 TPH
Hopper volume	5 m <sup>3</sup>	8 m <sup>3</sup>
Pre-screen size	1830 x 1220 mm	2450 x 1530 mm
Motor	160 kW	225 kW
Engine	320 kVA	460 kVA
CSS range	19-32 mm	19-32 mm
Cone crusher	CB 200	CB 300



Factory | Track Prescreen Screen



Transport Dimensions



Working Dimensions





# TERRATRAK

## Track Cone - Reverse Conveyor

### Large Feed Hopper With Belt Feeder

Hopper capacity: 5m<sup>3</sup>  
Crash bar fitted to reduce impact  
Working angle: 24° (pre-screen feed) & 21° (direct feed)  
Equipped with metal detector.  
Discharge end is hydraulically lowered for transport.

### Cone Crusher

Variable speed control settings for perfect shape  
Proven crusher suitable for hard rock  
Different cavities for secondary or tertiary applications: CG  
On the fly Hydraulically adjustable closed side setting : CB

### Detachable Screen

Quick and easy hydraulically detachable screen for open circuit crushing  
Screening Angle: 19°-22°  
Screen options up to 6 meters long

### Recirculation Conveyor

Belt width: 500mm  
Belt Spec: Chevron  
Working Angle: 30°  
Hydraulically folds for transport

### Heavy-duty Tracks

Shoe width: 500mm  
FEM designed structure for optimized weight  
Open frame design for easy service access.  
Agile tracks with 2-speed mode

### Fines Conveyor

Electrically driven belt conveyor with steel enforcing  
Extended conveyor for more discharge height  
Discharge Height upto 3 meter



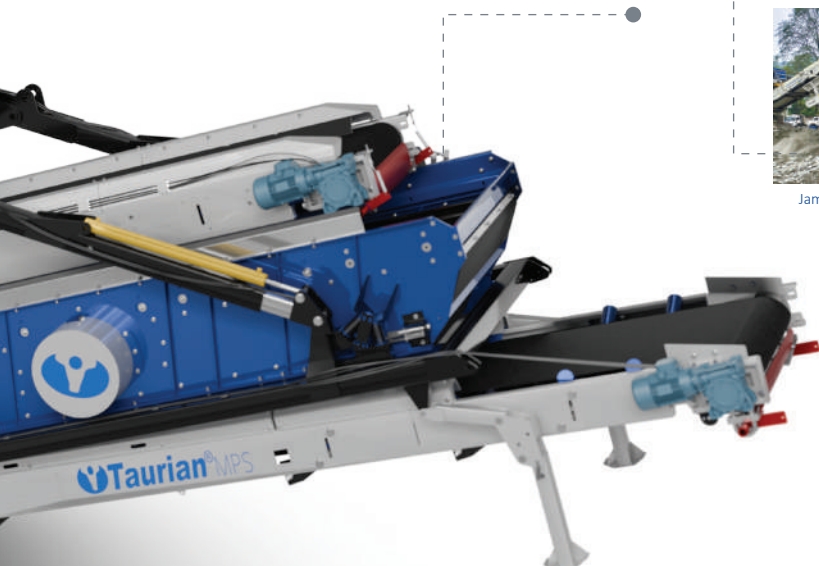
### Power Unit

Cummins/ Scania diesel oil engine.  
Electrically driven power systems and chamber offer significant cost savings  
Reduced engine noise for urban environments



## Technical Specifications

Model	TT 200 CB RS	TT 300 CB RS
Working (L x W x H)	19200 x 4850 x 4750	19500 x 5000 x 5050
Transport (L x W x H)	18950 x 3200 x 3500	19100 x 3800 x 3950
Weight	54100 kgs	70800 kgs
Max feed size	200 mm	225 mm
Feed capacity	225 TPH	325 TPH
Hopper volume	5 m <sup>3</sup>	8 m <sup>3</sup>
Motor	160 kW	225 kW
Engine	320 kVA	460 kVA
Screen size	3660 x 1530 mm	3660 x 1530 mm
No. of decks	2	2
CSS range	19-32 mm	19-32 mm
Cone crusher	CB 200	CB 300



Exhibition | Track Reverse Screen



Jammu and Kashmir | Track Reverse Screen



Uttarakhand | Track Reverse Screen

Working Dimensions



Transport Dimensions



# FERRATRAK

## Track Impactor

### Hopper / Feeder

Capacity: 5m<sup>3</sup>  
Extensions: Up to 8m<sup>3</sup>  
Rear feed width with hydraulic folding  
Hopper walls hydraulic lock  
Grizzly Feeder with integrated single deck prescreen

### Main Discharge Conveyor

Belt Width: 1400mm  
Discharge Height: 3m  
Optional over band magnet

### Impact Chamber

Rotor Diameter: 1033mm  
Rotor Width: 1100mm  
Inlet Opening: 1130mm x 800mm  
Direct V-belt drive

### Screenbox

No. of Decks: 2  
Deck Dimensions: 3.66m x 1.53m  
Drive: Hydraulic with heavy duty bearing  
Adjustable screen angles for mesh change and easy maintenance Oil bath lubrication

### Fines Conveyor

Belt Width: 1.1m  
Belt Discharge Height: 3.5m  
Hydraulic adjustment for easy transport

### Bypass Conveyor

Belt Width: 650mm  
Belt Discharge Height: 2.5m  
Stockpile Capacity: 18.1m<sup>3</sup>

### Re-circulating Conveyor

Belt Width: 500mm  
Fixed screen angle for consistency



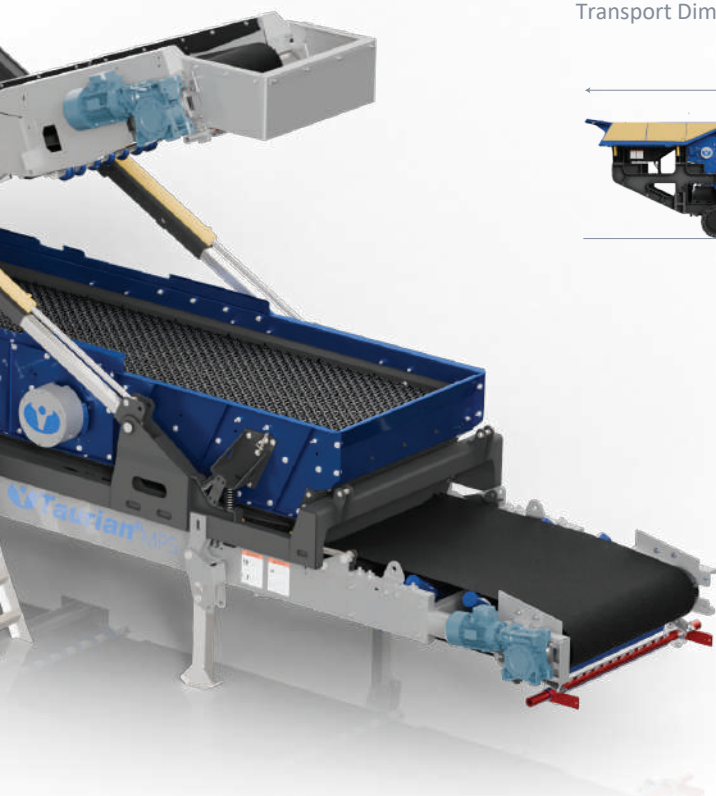
## Technical Specifications

<b>Model</b>	<b>TT 120 HSI RS</b>
Working ( $L \times W \times H$ )	17800 x 5800 x 4700
Transport ( $L \times W \times H$ )	18000 x 3100 x 3400
Weight	48150 kgs
Max feed capacity	5 m <sup>3</sup> (Extensions upto 8 m <sup>3</sup> )
Rotor diameter	1033 mm
Rotor width	1100 mm
Screen size	3500 x 1500 mm
No. of decks	2
Motor	160 kW
Engine	360 kVA
HSI inlet	1130 x 800 mm
HSI crusher	TI 1111P

### Working Dimensions



### Transport Dimensions





# FERRATRAK

## Track Inclined Screen

### Heavy-duty Tracks

Shoe width: 500mm  
Speed: 0.8 km/h  
Open frame design for easy service access  
Agile tracks with 2-speed mode for turnability and speed

### Screenbox

Screen angle: 18°- 30°  
Adjustable screenbox angles allow adaptability to a wide range of material applications.  
User friendly wedge system ensures faster screen changes

### Control Panel

User friendly waterproof and dustproof control panel.  
Allows monitoring of important metrics  
Provides push button control of conveyers

### Main Conveyor

Belt width: 1200mm  
High belt speed  
Hydraulic discharge height adjustment

### Feed Hopper with Belt Conveyor

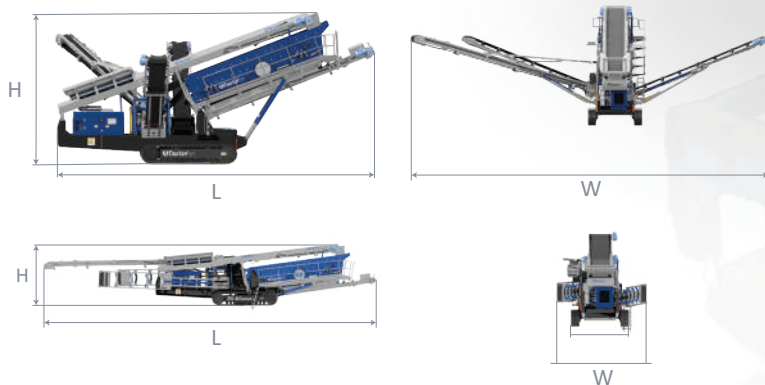
Hopper capacity: 8m³  
Feed height: 2.5m

### Four Products Conveyors

Four product capability with integrated and hydraulic stockpiling conveyors.



Working Dimensions



## Technical Specifications

Model	TT 1545	TT 1545 T	TT 1662	TT 1662 T
Transport (L x W x H)	16.8 x 3 x 3.25	16.8 x 3 x 3.25	19.15 x 3.2 x 3.6	19.15 x 3.2 x 3.6
Working (L x W x H)	15 x 17.25 x 5.3	15 x 17.25 x 5.3	18 x 18.25 x 6.7	18 x 18.25 x 6.7
Weight	25250 kgs	28750 kgs	34000 kgs	37500 kgs
Screen size	4500 x 1500 mm	4500 x 1500 mm	6200 x 1600 mm	6200 x 1600 mm
No. of decks	2	3	2	3
Capacity	200-300 TPH	200-300 TPH	250-350 TPH	250-350 TPH
Motor	11 kW	15 kW	15 kW	22 kW
Engine	100 kVA	100 kVA	150 kVA	150 kVA



Punjab | Track Inclined Screen



Jammu and Kashmir | Track Inclined Screen



Factory | Track Inclined Screen

# FERRATRAK

## Track Horizontal Screen

### Hopper / Feeder

Capacity: 8.2m³  
Hydraulic folding hopper sides  
Wear resistant steel on hopper sides

### Screenbox

3 Deck horizontal screenbox  
Size: 6.1m x 1.93m  
Triple shaft technology  
Adjustable stroke & stroke angle

### Feeder Conveyor

Width: 1300mm  
Twin, direct drive gearboxes  
Variable speed control

### Oversize Conveyor

Width: 1400mm  
Discharge height: 4m  
Variable speed control  
Angle adjustable

### Mid Oversize Conveyor

Width: 900mm  
Discharge height: 4.4m  
Hydraulic folding  
Variable speed control

### Mid Finesize Conveyor

Width: 900mm  
Discharge height: 4.4m  
Variable speed control  
Hydraulic folding





### Finesize Conveyor

Width: 900mm  
Discharge height: 4.3m  
Variable speed control

### Power Unit

Cummins/Scania 125 kVA engine  
Screen motor power: 30 kW  
Fuel tank capacity: 597L

### Track

Width: 500mm

### Technical Specifications

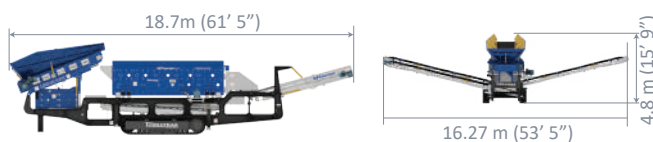
Model	TT HMS 6203
Working (L x W x H)	18700 x 16270 x 4800
Transport (L x W x H)	19540 x 3240 x 3600
Weight	43100 kgs
Hopper capacity	8.2 m <sup>3</sup>
Screen size	6100 x 1930 mm
Speed	730-870 rpm
Motor	30 kW
Engine	125 kVA
Horizontal screen	HMS 6203



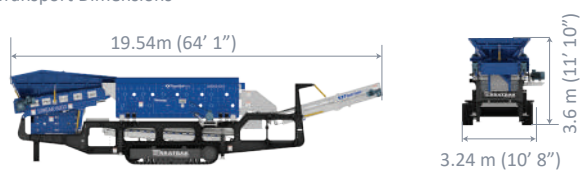
Uttarakhand | Track Horizontal Screen



### Working Dimensions



### Transport Dimensions



# WHEELER

A Taurian Brand





WHEELER JAW



WHEELER CONE



WHEELER VSI



WHEELER IMPACTOR - HSI



WHEELER HYPERSCREEN



WHEELER TWINCORE



# WHEELER

## Jaw

### Hopper

AR 400 Wear resistant feed hopper  
Truck Loading hopper- capacity 30m<sup>3</sup>  
Foldable wing hopper- capacity 10m<sup>3</sup>  
Optional hydraulic folding wings

### Jaw Crusher

TJ series  
Optional hydraulic CSS adjustment.

### Grizzly Feeder

Optional automatic feed control system  
2-way bypass chute to diverts material  
Side conveyor for undersize material  
15kW variable speed drive

### Hydraulic Legs

Four heavy duty hydraulic legs  
wide base gripping feet

### Motor and Powerpack

Electric motor or a hybrid system  
ABB induction motors  
Integrated drive base frame  
Electrically powered hydraulic system

### Mobility

Heavy-duty pneumatic tires for towing/transport.  
Designed to fit on standard trailers / containerization  
Requires minimal site preparation.

### Wheel Mounting

Triple or double axel bogie  
Double Lined Mining tyre  
Composite Covers

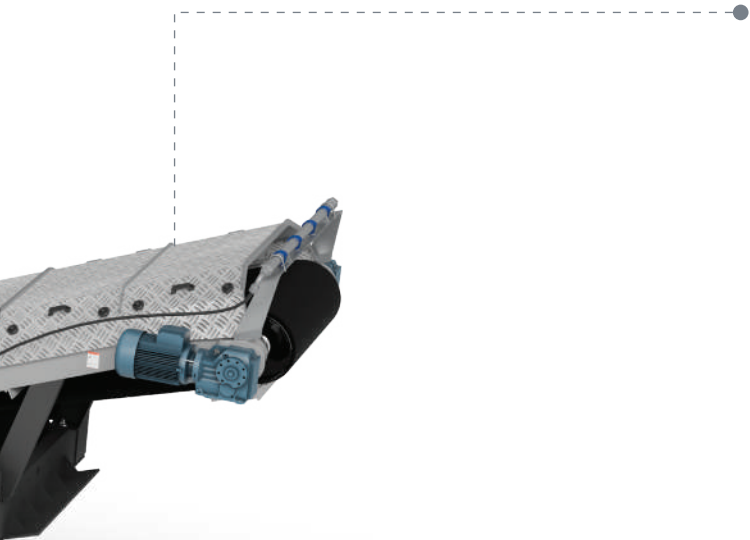
### Electrical Panel

Standard process control for improved  
safety and maximized production



## Technical Specification

Model	TW 150 J	TW 200 J	TW 300 J
Working $(L \times W \times H)$	13000 x 3600 x 4500	13500 x 3800 x 4850	14000 x 3800 x 4980
Transport $(L \times W \times H)$	13000 x 2800 x 3750	13500 x 3000 x 3850	14000 x 3000 x 4000
Weight	38500 kgs	45000 kgs	48500 kgs
Feed opening	930 x 580 mm	1060 x 700 mm	1150 x 800 mm
Feed size	510 mm	560 mm	650 mm
CSS range	60-140 mm	70-140 mm	70-140 mm
Capacity	140-200 TPH	180-280 TPH	250-350 TPH
Motor	90 kW	110 kW	132 kW
Jaw crusher	TJ 150	TJ 200	TJ 300
Grizzly feeder	TGF 1035-2S	TGF 1142-2S	TGF 1148 -2S



Karnataka | Wheeler Jaw



Maharashtra | Wheeler Jaw

# WHEELER

## Cone

### Screening System

4-Deck Vibrating Screen  
5' x 14' screen powered by a 15kW motor for fine material screening.  
5' x 18' screen powered by a 22kW motor for high-capacity processing.

### Mobility

Heavy-duty pneumatic tires for towing/transport.  
Designed to fit on standard trailers / containerization  
Requires minimal site preparation.

### Motor and Powerpack

Electric motor or a hybrid system  
ABB induction motors  
Integrated drive base frame  
Electrically powered hydraulic system

### Electrical Panel

Standard process control for improved safety and maximized production

### Spacious Walkways

Walkway platforms around the screen

### Chassis

Mounted on chassis with removable type double axle bogie with tail lights





## Technical Specification

Model	TW 150 CG	TW 200 CG	TW 250 CG	TW 300 CG
Transport $(L \times W \times H)$	12500 x 3000 x 4200	13600 x 3031 x 4300	13600 x 3031 x 4300	15300 x 3200 x 4200
Weight	25500 kgs	28500 kgs	32400 kgs	35700 kgs
Feed size	120 mm	160 mm	160 mm	250 mm
CSS range	20-45 mm	8-30 mm	25-50 mm	8-35 mm
Capacity	80-230 TPH	80-230 TPH	110-350 TPH	100-355 TPH
Motor	90 kW	160 kW	160 kW	250 kW
Cone crusher	CG 150	CG 200	CG 250	CG 300
Screen	CMS 1850-IV	CMS 1850-IV	CMS 1850-IV	CMS 2060-IV



Maharashtra | Wheeler Cone



Rajasthan | Wheeler Cone



Maharashtra | Wheeler Cone

## Technical Specification

Model	TW 200 CB	TW 300 CB	TW 200 CM	TW 300 CM
Transport $(L \times W \times H)$	13300 x 3000 x 4200	15300 x 3200 x 4300	13600 x 3031 x 4300	15300 x 3250 x 4300
Weight	28500 kgs	35500 kgs	28500 kgs	35500 kgs
Feed size	195 mm	220 mm	185 mm	230 mm
CSS range	19-32 mm	22-32 mm	19-51 mm	10-45 mm
Capacity	90-220 TPH	220-320 TPH	90-275 TPH	115-440 TPH
Motor	160 kW	225 kW	132 kW	200 kW
Cone crusher	CB 200	CB 200	CM 200	CM 200
Screen	CMS 1850-IV	CMS 2060-IV	CMS 1850-IV	CMS 2060-IV

# WHEELER

## Vertical Shaft Impactor

### Screening System

4-Deck Vibrating Screen  
5' x 14' screen powered by a 15kW motor for fine material screening.  
5' x 18' screen powered by a 22kW motor for high-capacity processing.

### Hydraulic Lid Lift

Externally adjustable feed tube system  
Open lid safety locks

### Mobility

Heavy-duty pneumatic tires for towing/transport.  
Designed to fit on standard trailers / containerization  
Requires minimal site preparation.

### VSI Crusher

T- Series  
Optional Hydraulic Lid Lift



**Electrical Panel**

Standard process control for improved safety and maximized production

**Motor and Powerpack**

Electric motor or a hybrid system  
ABB induction motors  
Integrated drive base frame  
Electrically powered hydraulic system

**Specious Walkways**

Walkway platforms around the screen

**Hydraulic Legs**

Four heavy duty hydraulic legs  
wide base gripping feet

**Wheel Mounting**

Triple or double axel bogie  
Double Lined Mining tyre  
Composite Covers

**Chassis**

Mounted on chassis with removable type double axle bogie with tail lights



Rajasthan | Wheeler VSI



Maharashtra | Wheeler VSI



Uttar pradesh | Wheeler VSI

### Technical Specification

Model	TW 150 V	TW 320 V	TW 600 V
Working (L x W x H)	12700 x 4200 x 7100	12700 x 4200 x 7100	12700 x 4200 x 7100
Transport (L x W x H)	13300 x 3000 x 4200	13300 x 3000 x 4200	13300 x 3000 x 4200
Weight	18500 kgs	25400 kgs	30500 kgs
Feed size	37 mm	45 mm	50 mm
Rotor speed	1500-2500 rpm	1100-2100 rpm	1000-1800 rpm
Capacity	60 TPH	150 TPH	240 TPH
Motor	75-160 kW	160-320 kW	320-600 kW
VSI	T 150	T 320	T 600
Screen	CMS 1850-IV	CMS 1850-IV	CMS 2060-IV



## Feeder

10" formed channel  
12' x 42" belt feeder  
Live vibrating grid with hydraulic angle adjustment  
12" self-cleaning wing pulley  
Belt: EP315/3 , cover : 5mm, 2mm

## Hopper

6.5' x 11.5' top opening  
Hydraulically adjustable sloped  
grizzly with 6" openings

## Fines Conveyor

One 24' x 31.5" conveyor  
Electric geared motor drive 5.5kW  
Operates at: 9'3" discharge height  
12" self-cleaning wing pulley  
Belt: EP315/3 , cover : 5mm, 2mm

## Service Capacity

80gal. fuel tank

## Delivery Conveyor

One 48' x 36" conveyor  
Electric geared motor drive 11kW  
Full-length skirtboards  
10" self-cleaning wing pulley  
Belt: EP315/3 , cover : 5mm, 2mm

## Side Conveyor

Two 29' x 31.5" swing out conveyors  
Electric geared motor drive 5.5kW  
12" self cleaning wing pulley  
Belt: EP315/3 , cover : 5mm, 2mm

## Chassis

16" I-beam with king pin type hitch  
Hydraulic landing gear for levelling of plant  
Tandem axle assembly with eight tires and  
mud flaps.  
Leaf spring suspension, air brakes, rear  
taillights

## Plant Capacity

350TPH (tonnages will vary with conditions)

## Technical Specification

Model	WHS 5518
Working (L x W x H)	17400 x 3500 x 9350
Transport (L x W x H)	18100 x 2450 x 4150
Weight	16450 kgs
Screen size	1830 x 5490 mm
Feeder grid	38100 x 2100 x 1115 mm
Feed conveyor angle	27°
Max screen elevation	45°
No. of mesh	6
Drive motors (electric/hydraulic)	13 x 1.3 KW

### Vibrating Screen

One HFS 5518-2D hyperscreen  
 5.5' x 18' high-frequency screen top and bottom deck  
 Top and bottom deck are driven by thirteen electric vibrators (0- 3000 RPM) mounted below screens for directly induced vibrating action  
 All vibrators have force amplitude settings on adjustable slip counterweights  
 Top and bottom decks have individual VFDs  
 Hydraulic controls for variable angle operation  
 Top and bottom deck discharge chutes  
 Aggregate spreader  
 Fixed access ladder with wrap around walkway  
 Standard screen cloth with rotary tensioning system

### Power System

100kVA cooled diesel engine  
 12 volt battery mounted hydraulic pumps to operate all plant functions and two off-plant hydraulically driven conveyors

### Options

Bulkhead assisting ramping for loader feed to feed hopper  
 Remote control grizzly  
 Wings for funnelling feed material onto feed hopper  
 Vinyl dust cover

**CONSULT FACTORY FOR ADDITIONAL OPTIONS**



## Hopper / Feeder:

Capacity: 8.2m<sup>3</sup>  
Hydraulic folding hopper sides  
Wear resistant steel on hopper sides

## Protection Plates

Protection plates behind the jaw dies protect the steel castings against wear

## Easy Wedge Adjustment System

It allows quick CSS setting without shim plates Adjustments are mechanical as standard A fully automatic hydraulic option for easy CSS settings is also available

## General

Available in 2, 3, or 4 deck configurations  
Adjustable slope angle (12° to 22°)  
Shaft lines connected by a cardan shaft.  
Adjustable modular rails, cross member protection  
Tensioned and heavy-duty bolted panels

## Singular Piston Cup Design

250-bar piston cup ensures responsive control.  
Low maintenance design enhances efficiency.  
Optimized crushing performance for superior results.

## Floating Shaft Benefits

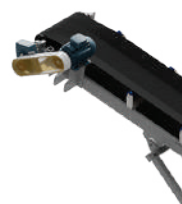
Shaft supported at both top and bottom for stability.  
Ideal for high-durability, reliable applications.

## Side Conveyor (Finesize)

Width: 900mm  
Discharge height: 4.3m  
Variable speed control

## Vibratory Drive Mechanism

Frequency ~600–1200 rpm; amplitude via eccentric weights or electromagnetic drives.  
Shafts/bearings are high-strength steel for continuous load handling.



Uttarakhand | Wheeler Twincore

## Working Dimensions

Working ( $L \times W \times H$ )	16700 x 3800 x 7300
Transport ( $L \times W \times H$ )	17200 x 4700 x 4300
Weight	52500 kgs



#### Jaw Crusher

Model	TJ 100
Feed opening	800 x 510 mm
Capacity	Up to 200 TPH
CSS range	60-150 mm
Motor	75 kW

#### Grizzly Feeder

Model	TGF 1042-2D
Dimensions (L x W)	3600 x 1000
Hopper volume	5 m <sup>3</sup>

#### Cone Crusher

Model	CG 150
Motor	110 kW

#### Inclined Screen

Model	CMS 1540-2D
Dimensions	3 mm
Decks	15
Motor	1600 x 5000 kW



# WHEELER

## Impactor - HSI

### HSI Crusher

High Reduction Capability  
Hydraulic Curtain Adjustment  
Replaceable Liners

### Hydraulic Legs

Four heavy duty hydraulic legs  
wide base gripping feet

### Chassis

Mounted on chassis with  
removable type double axle  
bogie with tail lights

### Wheel Mounting

Triple or double axle bogie  
Double Lined Mining tyre  
Composite Covers

### Motor and Powerpack

250kW electric motor  
Integrated drive base frame  
Electrically powered hydraulic system

### Spacious Walkways

Walkway platforms around  
the screen

### Mobility

Heavy-duty pneumatic tires for towing/ transport.  
Designed to fit on standard trailers / containerization  
Requires minimal site preparation.

### Electrical Panel

Standard process control for improved  
safety and maximized production



### Dimensions

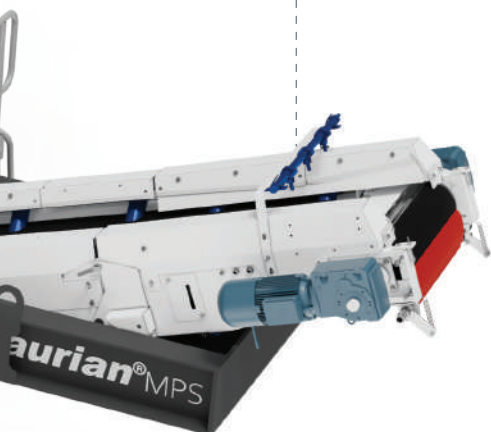
Model	WHSI 1110 T	WHSI 1115 T
Max feed size	150 mm	150 mm
Capacity	Up to 250 TPH	Up to 320 TPH
Hopper volume	5 m <sup>3</sup>	7 m <sup>3</sup>
Rotor dimensions	1100 x 1000 mm	1100 x 1500 mm
Motor	250 kW	315 kW

### Working Dimensions

Model	WHSI 1110 T	WHSI 1115 T
Length	13600 mm	13600 mm
Width	3900 mm	4500 mm
Height	5100 mm	5100 mm

### Transport Dimensions

Model	WHSI 1110 T	WHSI 1115 T
Length	15500 mm	15500 mm
Width	4000 mm	3000 mm
Height	4300 mm	4300 mm
Weight	24000 kgs	27470 kgs



Uttarakhand | Wheeler Impactor-HSI



# CRUSHERS

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JAW CRUSHER



JAW CRUSHER



ROLL CRUSHER



CONE CRUSHER



CONE CRUSHER



CONE CRUSHER



VSI



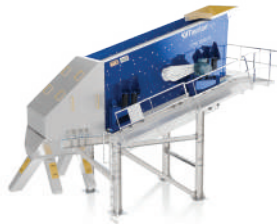
PRIMARY HSI



TERTIARY HSI



HFS



CMS



HMS



SIZER



GRIZZLY FEEDER



GRIZZLY FEEDER

# TJ SERIES™

## Jaw Crusher (Bolted Body)

### Easy Wedge Adjustment System

It allows quick CSS setting without shim plates.  
Adjustments are mechanical as standard  
A fully automatic hydraulic option for easy CSS settings is also available

### Large Cast Steel Bearings

Large cast steel spherical roller bearings are sealed by a labyrinth

### Protection Plates

Protection plates behind the jaw dies protect the steel castings against wear

### Hardox Lined Feed Chute

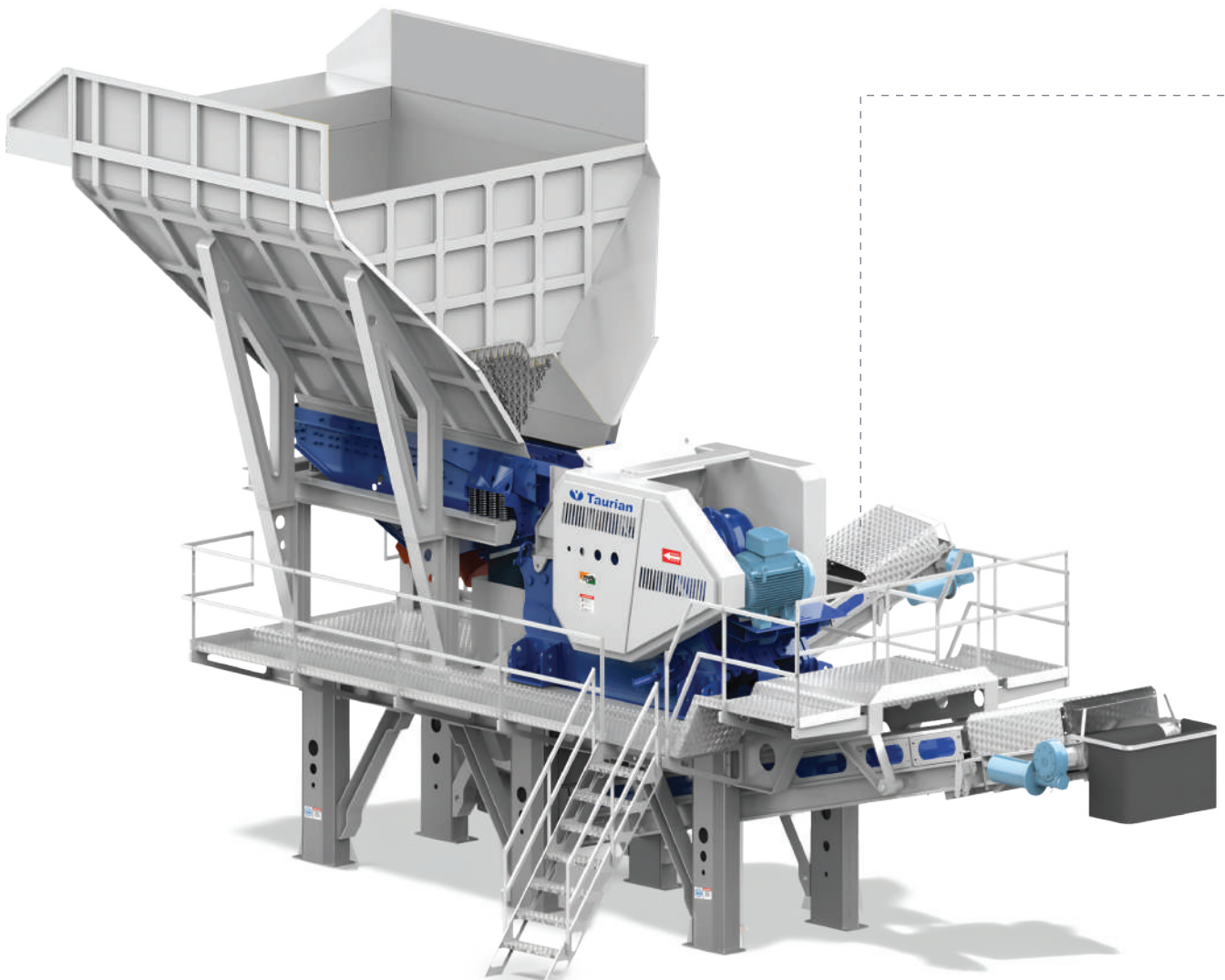
It efficiently manages the coarsest materials  
Pitman eye protection plate provides additional protection

### Rubber Dampers and Support Brackets

It absorbs all vibrations  
No anchor bolts are needed for installations

### Long Ribbed Bi-directional Castings

It provides additional strength and resistance





## Power & Weight

Model	TJ 100	TJ 150	TJ 200	TJ 300	TJ 350	TJ 400	TJ 500
Feed opening	800 x 510 mm	930 x 580 mm	1060 x 700 mm	1150 x 800 mm	1200 x 870 mm	1250 x 950 mm	1400 x 1070 mm
	32 x 20 in	37 x 23 in	42 x 28 in	45 x 32 in	47 x 34 in	49 x 37 in	55 x 42 in
Max feed size	400 mm	464 mm	560 mm	640 mm	696 mm	760 mm	856 mm
Capacity	55-370 TPH	105-430 TPH	150-560 TPH	165-580 TPH	175-595 TPH	245-830 TPH	325-925 TPH
CSS range	40-175 mm	60-175 mm	70-200 mm	70-200 mm	70-175 mm	100-250 mm	125-250 mm
Speed	350 rpm	330 rpm	280 rpm	260 rpm	230 rpm	220 rpm	220 rpm
Motor	75 kW	90 kW	110 kW	132 kW	160 kW	160 kW	200 kW
Weight	9520 kgs	11870 kgs	17050 kgs	21500 kgs	29300 kgs	43910 kgs	54010 kgs



Madhya Pradesh | TJ Jaw Crusher



Rajasthan | TJ Jaw Crusher



Maharashtra | TJ Jaw Crusher

## Capacities & CSS

Model		TJ 100	TJ 150	TJ 200	TJ 300	TJ 350	TJ 400	TJ 500
Product size (mm)	CSS (mm)	TPH	TPH	TPH	TPH	TPH	TPH	TPH
0-60	40	60 - 80						
0-75	50	70 - 100						
0-90	60	85 - 115	110 - 140					
0-105	70	100 - 140	130 - 160	155 - 190	165 - 205	180 - 245		
0-120	80	115 - 155	145 - 185	165 - 215	180 - 235	200 - 275		
0-135	90	130 - 180	165 - 205	195 - 240	205 - 255	215 - 310		
0-150	100	145 - 195	180 - 230	211 - 270	225 - 285	240 - 330	250 - 340	
0-185	125	180 - 250	225 - 285	260 - 330	270 - 345	290 - 400	300 - 410	330 - 450
0-225	150	215 - 295	270 - 340	310 - 390	320 - 405	345 - 480	350 - 480	385 - 535
0-260	175	250 - 340	315 - 395	360 - 455	370 - 465	390 - 545	400 - 550	440 - 610
0-300	200			400 - 505	410 - 520		450 - 620	500 - 690
0-340	225						500 - 690	555 - 765
0-375	250						550 - 760	615 - 845

# TJF SERIES™

## Jaw Crusher

### Monolithic or Welded Frame Structure

A fully welded frame eliminates stress concentrations at bolt joints. This ensures uniform load distribution across the structure.

### Enhanced Structural Rigidity

High structural stiffness minimizes frame deflection under crushing loads. This preserves critical jaw alignment and maintains crushing geometry.

### Reduced Maintenance Requirements

Elimination of bolted joints reduces the need for periodic torque checks and bolt replacements.

### Easy Wedge Adjustment System

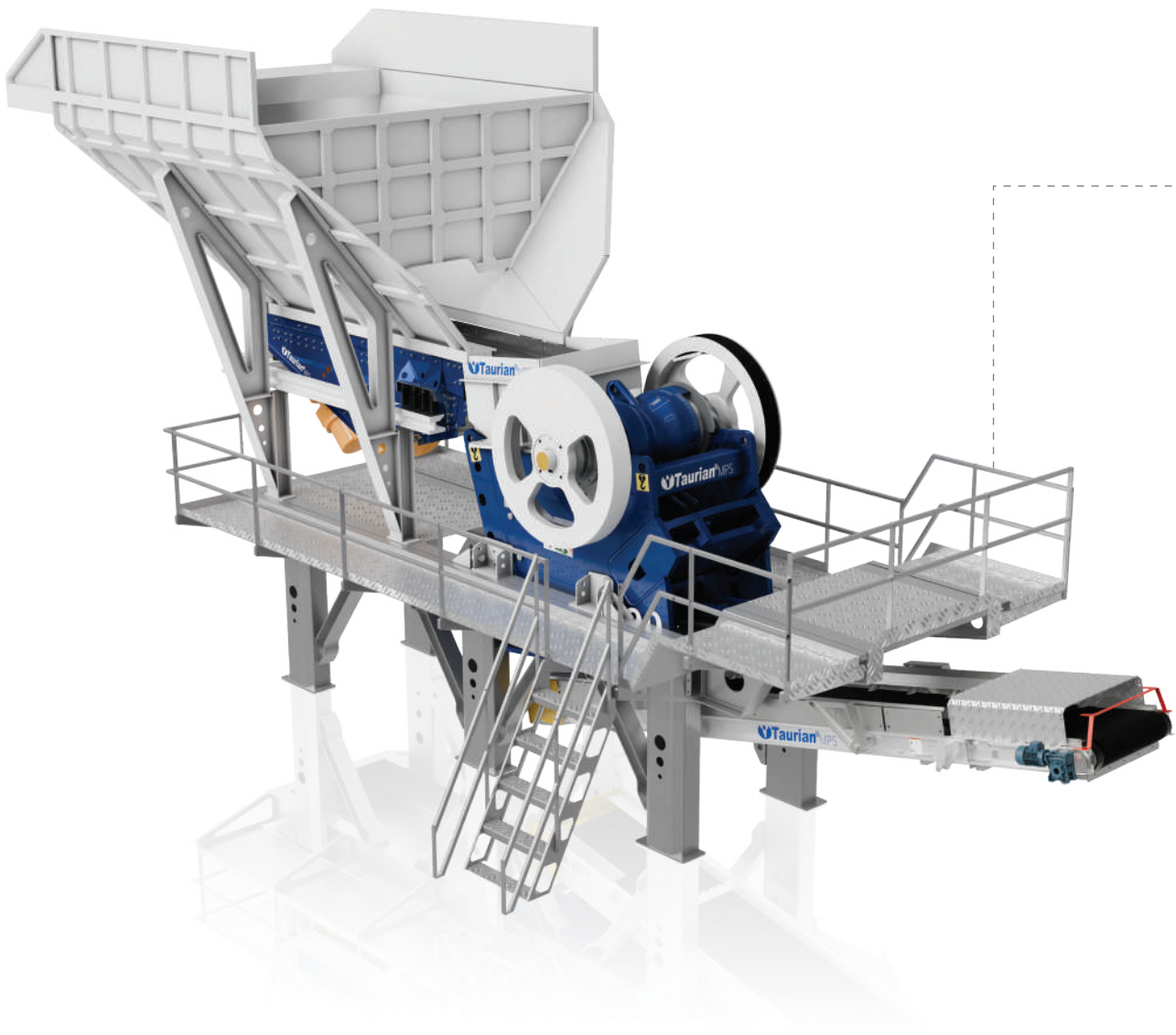
It allows quick CSS setting without shim plates. Adjustments are mechanical as standard. A fully automatic hydraulic option for easy CSS settings is also available.

### Protection Plates

Protection plates behind the jaw dies protect the steel castings against wear.

### Faster Installation and Commissioning

Factory-welded construction reduces on-site assembly complexity.



## Power & Weight

Model	TJF 100	TJF 150	TJF 200	TJF 300	TJF 350	TJF 400	TJF 500
Feed opening	1100 × 700 mm	895 × 660 mm	1045 × 840 mm	1200 × 830 mm	1200 × 1100 mm	1300 × 1130 mm	1500 × 1070 mm
	43 × 27 in	35 × 28 in	41 × 33 in	47 × 33 in	47 × 33 in	51 × 45 in	59 × 42 in
Max feed size	630 mm	600 mm	750 mm	750 mm	990 mm	1070 mm	960 mm
Capacity	110-490 TPH	85-320 TPH	150-565 TPH	165-790 TPH	300-805 TPH	330-960 TPH	385-1085 TPH
CSS range	60-200 mm	50-175 mm	75-225 mm	75-275 mm	125-275 mm	125-300 mm	125-300 mm
Speed	270 rpm	270 rpm	240 rpm	240 rpm	210 rpm	225 rpm	200 rpm
Motor	90 kW	75 kW	110 kW	132 kW	160 kW	160 kW	200 kW
Weight	14300 Kgs	13200 Kgs	20600 Kgs	25200 Kgs	39000 Kgs	41500 Kgs	53000 Kgs



Gujarat | TJF Jaw Crusher



Maharashtra | TJF Jaw Crusher



Uttarakhand | TJF Jaw Crusher

## Capacities & CSS

Model	TJF 100	TJF 150	TJF 200	TJF 300	TJF 350	TJF 400	TJF 500
Product size (mm)	CSS (mm)	TPH	TPH	TPH	TPH	TPH	TPH
0-50	50		85-115				
0-60	60	110-160	95-105				
0-75	75	127-192	100-160	150-200	165-220		
0-100	100	160-250	125-200	200-265	220-290		
0-125	125	195-310	150-235	245-325	270-355	300-395	330-430
0-150	150	230-370	175-275	295-390	325-430	355-465	385-505
0-175	175	265-430	200-320	340-445	385-505	405-530	440-575
0-200	200	300-490		385-505	445-580	455-595	495-650
0-225	225			430-565	495-650	505-660	550-730
0-250	250				550-720	560-735	605-810
0-275	275				605-790	610-805	660-885
0-300	300						715-960
							825-1085



# CG SERIES™

## Cone Crusher

### Singular Piston Cup Design

250-bar piston cup ensures responsive control.  
Low maintenance design enhances efficiency.  
Optimized crushing performance for superior results.

### Robust Main Frame Casting Design

One-piece mainframe with 700 MPa steel castings for superior integrity.  
20% stronger than multi-piece frames.  
10% reduction in maintenance needs.

### Adjustable Stroke Lengths

Optimized Choke Feeding  
Enhanced Product Shape  
Reduced Energy Consumption  
Decreased Recirculation Load

### Floating Shaft Benefits

Shaft supported at both top and bottom for stability.  
Ideal for high-durability, reliable applications.

### Comprehensive Selection of Cavity Profiles

Offers 9 cavity profiles from extra fine to extra coarse.  
Liners support secondary, tertiary, and quaternary crushing stages.



Uttarakhand | CG Cone



Rajasthan | CG Cone



Rajasthan | CG Cone



Maharashtra | CG Cone

Technical Specification

Model	Feed Opening (mm)	Stroke Options	Approximate TPH at Close Side Setting (CSS)										Motor	Weight
			8 mm*	10 mm*	15 mm	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm		
CG 100	EF 40	16	40-50	45-55	60-70	80-90	85-95						75-90 kW	5800 kgs
	F 50													
	MF 100	20	50-55	50-60	70-80	95-105								
	M 130													
	C 150	25		55-65	75-90	105-120								
CG 150													75-90 kW	7350 kgs
	M 200	16				80-90	105-115	120-130	135-145	145-165	155-175			
		20					120-130	145-155	160-180	170-200	185-215			
	C 250	25						185-195	200-220	210-230				
CG 200	EF 40	20	80-100	85-105	105-125	120-145	150-170	170-190					130-160 kW	10700 kgs
	F 80													
	M 120	25		100-120	130-150	160-180	180-210							
	C 200	30			160-180	190-210	210-230							
CG 250													130-160 kW	11900 kgs
	C 180	20			105-125	120-145	150-170	170-190	180-200	200-220	220-250			
		25				160-180	180-210	200-230	220-250	250-280	280-310			
	EC 220	30				190-210	210-230	240-270	270-310	300-340	330-360			
CG 260	EF 40	18	70-90	90-105	105-120	120-140	150-170	170-190	180-200				130-200 kW	10200 kgs
	F 70													
	MF 100	25		110-130	125-150	150-170	170-190	190-210	200-230					
	M 130	32			150-170	170-190	190-220	210-230	230-260					
	C 180													
	EC 260	40				200-230	220-250	230-260						
CG 300	EF 40	25	100-120	110-130	135-155	160-180	190-210	210-235	240-260				200-250 kW	13400 kgs
	F 60													
	MF 100	32	110-130	120-150	165-195	195-225	230-260	265-295	300-330					
	M 130													
	C 180	40		150-170	205-235	245-275	290-320	325-355						
CG 350													132-250 kW	16200 kgs
	C 280	18					170-190	170-210	190-230	210-255	235-275	255-295		
		25						220-270	225-315	290-345	320-350	330-350		
	EC 380	32							360-400	380-420	400-440			
		40								450-500	480-530			
CG 500	EF 40	25		140-160	160-180	190-210	240-260	270-290	310-330	350-370			250-355 kW	26500 kgs
	F 90													
	MF 130													
	M 180	32			230-250	270-290	310-330	340-370	380-410	430-450				
	C 220													
	EC 280	36			290-310	320-340	380-410	430-460	480-510					
	EC-S 300													

\*For Softer Material

# CB SERIES™

## Cone Crusher

### Minimized Kinematic Friction for Increased Mechanical Efficiency

Roller bearings enable low-friction rolling contact. Improved energy efficiency enhances performance.

### Swift CSS Adjustment and Unblocking

Push-button hydraulic cylinders allow quick adjustments.

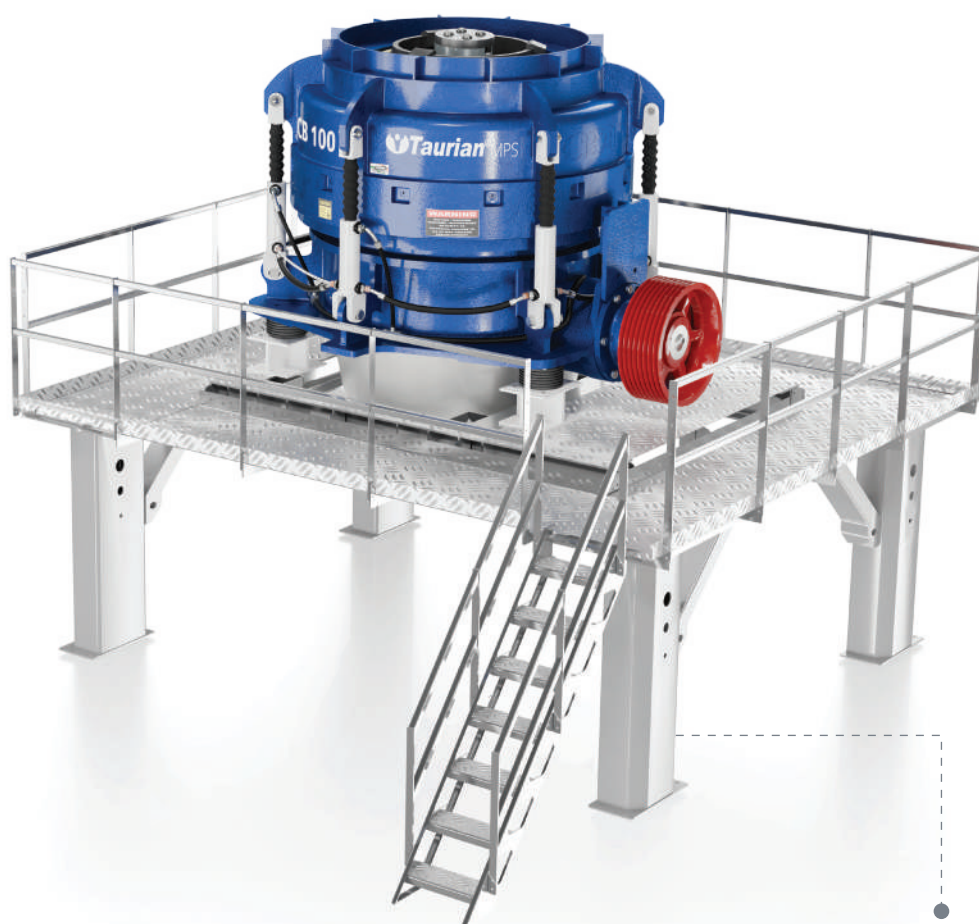
Fast unblocking ensures minimal downtime. Supports efficient and continuous operation.

### Hydraulic Relief Cylinders

Hydraulic relief cylinders absorb pressure spikes. Tramp material passes safely without crusher damage.

### Increased RPM for Higher Throughput

Roller bearings reduce friction for higher speeds. Optimized material flow enhances energy efficiency.



Exhibition | CB Cone



Maharashtra | CB Cone



Rajasthan | CB Cone



### Technical Specification

Model	CB 200 <i>Short Throw</i>	CB 200 <i>Long Throw</i>	CB 300 <i>Standard</i>
Feed opening	M 170 mm EC 205 mm	M 170 mm EC 205 mm	230 mm
Feed size	M 160 mm EC 195 mm	M 160 mm EC 195 mm	220 mm
Capacity	90-180 TPH	125-190 TPH	220-320 TPH
CSS range	16 -32 mm	16 -32 mm	22-32 mm
Motor	160 kW	170 kW	225 kW
Weight	10000 kgs	10000 kgs	22000 kgs

### CSS and Capacities Fines Chamber

Model	CB 200 <i>Short Throw</i>	CB 200 <i>Long Throw</i>	CB 300 <i>Standard</i>
Feed size	63 mm	63 mm	63 mm
Capacity	13 mm	70-100	85-120
	16 mm	80-110	95-130
	19 mm	85-125	100-150
	22 mm		165-185
			180-200
			195-220
			210-240

### CSS and Capacities Standard Chamber

Model	CB 200 M.C <i>Short Throw</i>	CB 200 X.C <i>Short Throw</i>	CB 200 M.C <i>Long Throw</i>	CB 200 X.C <i>Long Throw</i>	CB 300 <i>Standard</i>
Feed size	160 mm	195 mm	160 mm	195 mm	220 mm
Capacity	13 mm				
	16 mm	90-110			
	19 mm	105-120	105-120	125-145	
	22 mm	115-140	115-140	140-170	140-180
	25 mm	120-150	135-160	145-180	165-195
	28 mm	130-160	145-170	155-190	175-205
	32 mm		150-180	180-220	220-255
					235-275
					250-295
					260-320

# CM SERIES™

## Cone Crusher

### Application Flexibility

CM Series™ offers high capacity and versatility.  
Reliable performance across diverse applications.

### Enhanced Crushing Chamber Design

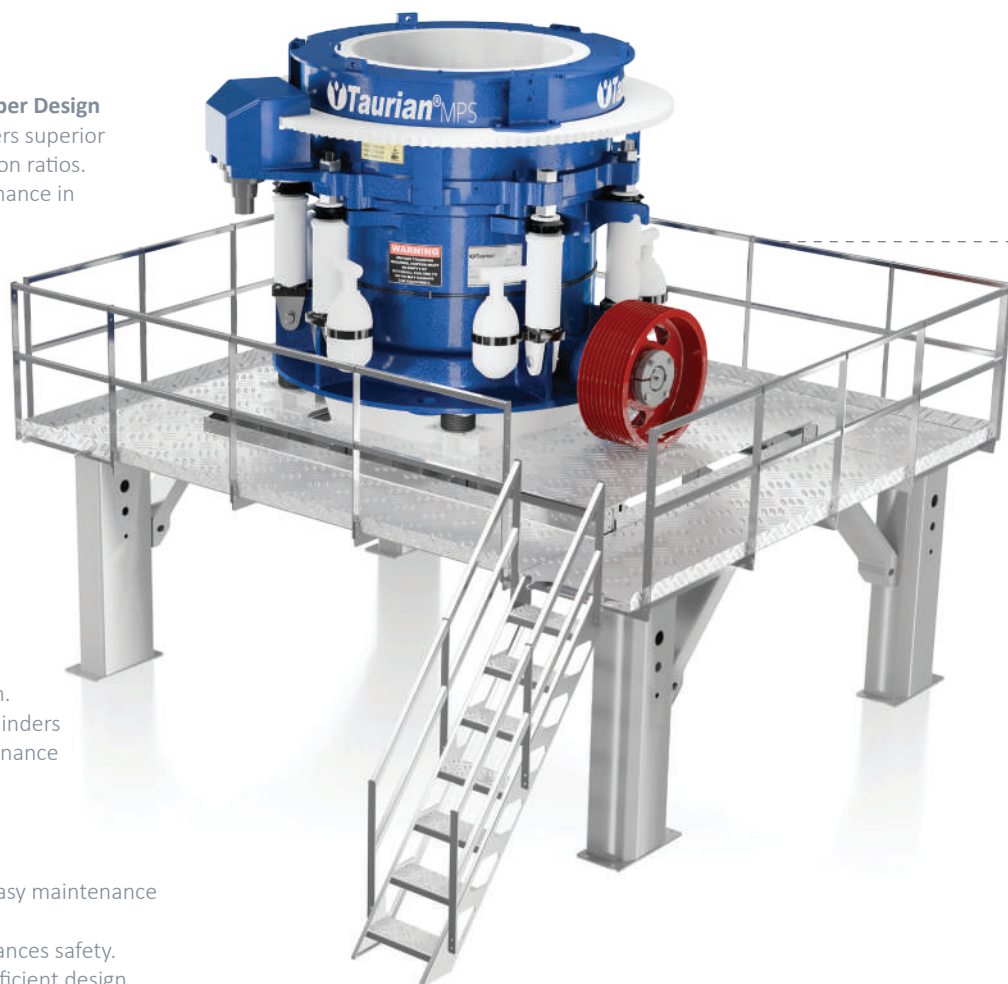
Optimized geometry delivers superior  
product shape and reduction ratios.  
Ensures consistent performance in  
demanding applications.

### Tramp Relief

Instant overload protection.  
Double-acting hydraulic cylinders  
Top-access for easy maintenance

### Less Downtime

Hydraulic motor enables easy maintenance  
and quick liner changes.  
Tramp-release system enhances safety.  
Boosts productivity with efficient design.



### Technical Specification

Model	CM 100	CM 200	CM 300	CM 400	CM 500	CM 800
Feed opening	150 mm	185 mm	241 mm	304 mm	351 mm	356 mm
Feed size	120 mm	148 mm	193 mm	243 mm	281 mm	285 mm
Capacity	155 TPH	250 TPH	440 TPH	630 TPH	790 TPH	2000 TPH
CSS range	6-32 mm	10-38 mm	10-45 mm	10-51 mm	10-51 mm	10-51 mm
Motor	90 kW	132 kW	200 kW	315 kW	355 kW	600 kW
Weight	5400 kgs	10400 kgs	15810 kgs	23000 kgs	33150 kgs	68650 kgs



Bengaluru | CM Cone

#### Capacity Chart

Model	CM 100	CM 200	CM 300	CM 400	CM 500	CM 800
CSS	TPH	TPH	TPH	TPH	TPH	TPH
6 mm	45-55					
8 mm	50-60					
10 mm	55-70	90-120	115-140	140-175	175-220	260-335
13 mm	60-80	120-150	150-185	185-230	230-290	325-425
16 mm	70-90	140-180	140-180	225-280	280-350	385-500
19 mm	75-95	150-190	200-240	255-320	320-400	435-545
22 mm	80-100	160-200	220-260	275-345	345-430	470-600
25 mm	85-110	170-220	230-280	295-370	365-455	495-730
32 mm	100-140	190-235	250-320	325-430	405-535	545-800
38 mm		210-250	300-380	360-490	445-605	600-950
45 mm			350-440	410-560	510-700	690-1050
51 mm				465-630	580-790	785-1200



# T SERIES™

## Vertical Shaft Impactor

### Ease of Maintenance

Roof lifter gives rapid access to the inside of the crusher meaning minimum time is required to carry out servicing and maintenance tasks

### Quick Component Replacement

Simple feed tube replacement with automatic realignment after crusher servicing and rotor replacement

### Enhanced Bearing Protection

Robust sealed shaft line assembly ensures longer bearing cartridge life

### Instant Service Access

Quick access through inspection and service door allows instant parts replacement

### Compact Installation Design

Low profile allows installation into tight fitting existing plant situations

### Improved Serviceability

Large feed hopper gives room for staff to work in when servicing the crusher



### Precise Material Flow Control

Visual indication of cascade control gate position which allows for precise control of material flow

### Operator-Controlled Cascade Flow

Adjustable cascade ports allow operator to control cascade flow

### Feed Flow Optimization

Adjustable spreader plate angle and height controls the flow of feed

### Dimensions and Capacities - T Series VSI

Model	Light T-Series VSI		
	T 75	T 110	T 150
Max feed size	25-27 mm	25-27 mm	25-27 mm
Rotor diameter	690 mm		
Rotor speed	1500-2500 rpm		
Motor	1 x 75 kW	1 x 110 kW	1 x 150 kW
Weight	6371 kgs	6371 kgs	6371 kgs
	Capacity (TPH)		
	General crushing	Shaping	Fines
	60-103	66-168	100-217
	60-103	66-168	100-217
	60-92	66-151	100-193



Uttar Pradesh | VSI



Maharashtra | VSI



Rajasthan | VSI



Gujarat | VSI

### Heavy T-Series VSI

Model	T 185	T 220	T 320
Max feed size	37-40 mm	37-40 mm	37-40 mm
Rotor diameter	880 mm		
Rotor speed	1100-2100 rpm		
Motor	1 x 185 kW	1 x 220 kW	2 x 160 kW
Weight	12395 kgs	12395 kgs	12395 kgs
	Capacity (TPH)		
	General crushing	Shaping	Fines
	125-298	150-378	200-545
	125-298	150-378	200-545
	125-265	150-332	200-465

### Mega T-Series VSI

Model	T 370	T 440	T 600
Max feed size	45-55 mm	45-55 mm	45-55 mm
Rotor diameter	990 mm		
Rotor speed	1000-1800 rpm		
Motor	2 x 185 kW	2 x 220 kW	2 x 300 kW
Weight	14357 kgs	14357 kgs	14357 kgs
	Capacity (TPH)		
	General crushing	Shaping	Fines
	263-629	315-725	420-775
	263-629	315-725	420-775
	263-554	315-725	420-775

# TI SERIES™

## Primary Horizontal Shaft Impactor

### Robust Main Frame

Fabricated from thick, high-strength steel to withstand intense impact forces and heavy-duty applications.

### Replaceable Blow Bars

Interchangeable bars available in multiple metallurgy options (martensitic, chrome, ceramic) for versatile material compatibility and extended wear life.

### Large Feed Opening

Accommodates large input sizes, reducing the need for pre-processing and enhancing feed consistency.

### Integrated Curtain Liners

Designed to protect the housing and improve wear life of the machine with bolt-on, easily replaceable liners.





#### Optional Third Crushing Plate

Controls top product size in open circuit operation, allowing tighter gradation control.

#### Heat-Treated, Dynamically Balanced Rotor

Heavy-duty, wear-resistant rotor built for long life and high inertia—ensures maximum impact force for efficient reduction.

#### Hydraulically Opening Crushing Chamber

Fast and convenient access to internal components for inspection, blow bar replacement, and maintenance tasks.

#### Hydraulic-Assisted Breaker Plate Adjustment

Enables easy, safe, and precise gap control to regulate product size and optimize performance without manual effort.



Exhibition | Primary HSI

#### Technical Specification

Model	TI 1111P	TI 1012P	TI 1114P	TI 1313P	TI 1515P	TI 1620P
Feed opening	1140 x 950 mm	1140 x 840 mm	1410 x 950 mm	1340 x 1000 mm	1540 x 920 mm	2040 x 1400 mm
Max feed size	600 mm	600 mm	600 mm	900 mm	850 mm	1300 mm
Capacity	150 -200 TPH	150 -200 TPH	250 -350 TPH	300 -500 TPH	400 -600 TPH	600 -950 TPH
Rotor diameter	1100 mm	1100 mm	1100 mm	1300 mm	1500 mm	1600 mm
Rotor width	1100 mm	1100 mm	1400 mm	1300 mm	1500 mm	2000 mm
Power	160 kW	160 kW	200 kW	250 kW	315 kW	2 x 250 kW
Weight	15100 kgs	13150 kgs	16800 kgs	22400 kgs	26800 kgs	40500 kgs

# TI SERIES™

## Tertiary Horizontal Shaft Impactor

### Hydraulic-Assisted Breaker Plate Adjustment

Simple and easy hydraulic assisted gap adjustment provides absolute gap settings using a minimum amount of components..

### High Reduction Capability

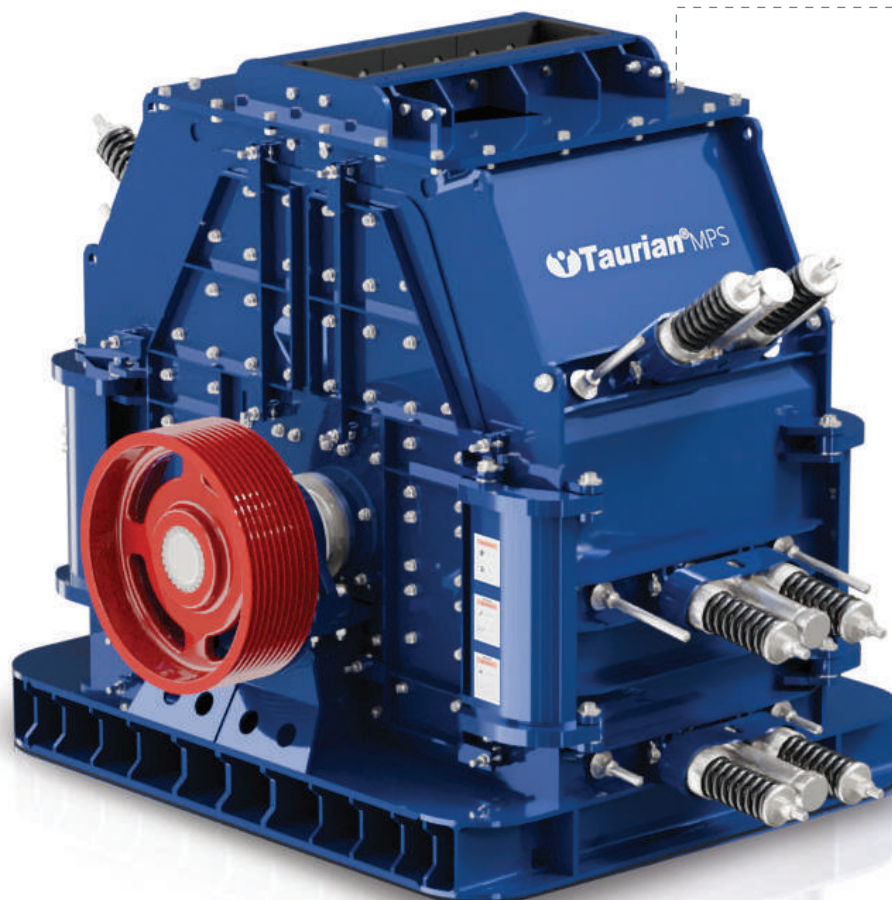
Specially engineered rotor and crushing chamber design enable maximum reduction ratios, ensuring superior fines generation and optimized output gradation for demanding tertiary crushing applications.

### Consistent Cubical Output

Produces high-quality, cubical aggregates with low flakiness index, making it ideal for concrete, asphalt, and manufactured sand production where particle shape consistency is critical.

### Hydraulic Curtain Adjustment

Equipped with hydraulic systems for easy adjustment of impact curtains, allowing precise control over product size and minimizing downtime during operational setting changes.



**Wear-Resistant Blow Bars**

High-chrome, ceramic, or composite blow bars offer extended wear life, reduced replacement frequency, and improved crushing efficiency across varying feed materials and applications.

**Replaceable Liners**

Chamber liners are made from abrasion-resistant materials, designed for quick replacement and lower maintenance costs while maximizing machine availability and uptime.

**Ease of Access for Maintenance**

Large inspection doors and hydraulic opening mechanisms simplify access to internal components, enabling faster servicing and reduced downtime.

**Tramp Iron Protection**

Safety mechanisms prevent damage from uncrushable materials, protecting both rotor and wear components from sudden impact failures.



Factory | Tertiary HSI

### Technical Specification

Model	TI 1105T	TI 1110T	TI 1115T	TI 1307T	TI 1314T
Feed opening	520 x 310 mm	1020 x 310 mm	1520 x 310 mm	690 x 210 mm	1390 x 210 mm
Max feed size	150 mm	150 mm	150 mm	90 mm	90 mm
Capacity	100 -120 TPH	220 -250 TPH	280-320 TPH	100-120 TPH	220-250 TPH
Rotor diameter	1100 mm	1100 mm	1100 mm	1286 mm	1286 mm
Rotor width	500 mm	1000 mm	1500 mm	655 mm	1355 mm
Power	110 kW	200-250 kW	315 kW	90-132 kW	160-250 kW
Weight	8750 kgs	14000 kgs	17470 kgs	8400 kgs	13480 kgs



# TRC SERIES™

## Roll Crusher

### Rollers

Two counterrotating rolls (fixed and floating).  
Optional Studded surface depending on feed  
Interparticle comminution for uniform size reduction.  
Optimized D:L ratios reduce recirculation.  
Even pressure across the roll width.  
High Pressure for efficient crushing.

### Maintenance Features

Easy roll changes  
Alignment Tools included for wear profile correction.  
Hinged frames for quick access and repairs.

### Applications

Handles abrasive, moist, and fine feeds.  
Produces cubical particles

### Feed Chute and Feeding System

Vertically aligned for choke feeding.  
Durable Chute Lining  
Adjustable gates for feed control  
Minimizes bypass and ensures even wear.  
Efficient Guidance to compression zone

### Wear Components

Adjustable walls for sealing and wear control.  
Minimal wear parts to reduce costs  
Manganese or Ni-hard rolls enhance life



### Drive System

Motors with reducers and torque arms

Clutches protect against overloads.

Key Features

Efficiency VFDs optimize speed and energy use.

Power Transmission Ensures smooth roll operation.

Motors with reducers and torque arms

### Arch Frame

Antiskewing high strength structure.

Handles internal loads without stressing the base.

Prevents bearing and roller damage.

Compact Layout reduces installation cost

### Control and Automation System

Adjust roll pressure, speed, and gaps.

Remote systems detect issues to reduce downtime.

Safety Alarms warn of risks or maintenance needs.

Operate and monitor safely from a distance.

### Environmental Features

Noise and Dust Control: Enclosures reduce emissions.

Can save upto 50% energy compared to other methods.



Madhya Pradesh | Roll Crusher



Uttarakhand | Roll Crusher



Madhya Pradesh | Roll Crusher

### Technical Specification

Model	Max feed size	Capacity	Roll dimensions (Dia x Width)	Max roll speed	Power	Weight
TRC 800	32 mm	60-90 TPH	800 x 500 mm	30.2 rpm	2 x 75 kW	12900 kgs

# HFS SERIES™

## High Frequency Screen

### Modular Structure

Easy on-site assembly with basic tools, ensuring fast setup.  
Pre-wired with a plug and play system  
User-friendly starter panel for convenience.  
Flexible access stair configurations to suit various setups.  
Compactly transportation in a 40' shipping container.

### Application Flexibility

Can be used in mining, construction, recycling, industrial sand processing and more  
Crushed stone, recycled asphalt pavement (RAP), sand and gravel, coal, fly ash, slag, coke, and more.

### Versatile Deck Configurations

Multiple Deck Options: single, double, and triple-deck configurations, catering to a variety of screening needs.  
Customizable Mesh Sizes and materials, allowing users to tailor their setup





**Cost Effective Operation**

Durable components and wear-resistant designs reduce the need for frequent part replacements. Minimal Downtime: Features like quick-change screen panels and accessible maintenance points.

**Enhanced Vibration Technology**

Electric Vibrators operating at up to 3000 RPM ensuring superior performance for fine material separation. Elliptical Motion design promotes efficient material movement across the screen deck.

**Optional**

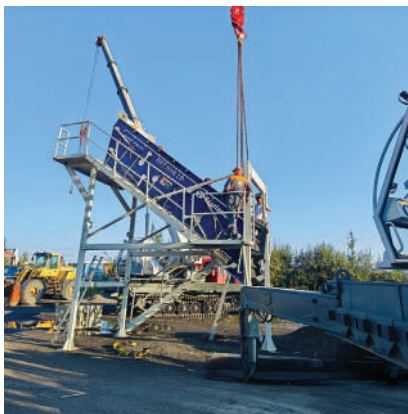
High frequency electric motors upto 4600 RPM  
Dust cover (Vinyl cover for improved dust control)  
Screen cloth (various types of screen media are available for different applications)  
Rubber knockdown curtains to improve screening efficiency

**Other Features**

Easily adjustable slope between 38-43°. Suspension hanger eyes at feed and discharge end. Bolt-in feed distribution box. Adjustable discharge chutes. Rubber isolation mounted vibrating screen cloth. Large walkways for easier access. Rubber capped wire cloth support bars.



Maharashtra | HFS



Moscow | HFS



New Delhi | HFS

**Technical Specification**

Model	HFS 5518 2D	HFS 5518 3D
Screen size	1830 x 5490 mm	1830 x 5490 mm
Screening area	10 m <sup>2</sup>	10 m <sup>2</sup>
No. of mesh	6	9
Angle	38° - 43°	38° - 43°
Motors (electric/hydraulic)	13 x 1.3 kW	19 x 1.3 kW
Weight	10540 kgs	13540 kgs

# CMS SERIES™

## Circular Motion Screen

### General

Available in 2, 3, or 4 deck configurations  
Adjustable slope angle (12° to 22°)  
Shaft lines connected by a cardan shaft.  
Adjustable modular rails, cross member protection  
Tensioned and heavy-duty bolted panels

### Customizable Options

Modular wear parts and screening media.  
Anti-blinding, spray pips, and galvanization  
for specific needs.

### Frame

Weld-free side plates for stress tolerance.  
Huck bolting for reliable connections.

### Safety Features

Features like coil spring covers and  
rubber stabilizers.  
Pre-equipped with dust and noise protection.

### Maintenance-Friendly Design

Modular MV vibrators and cardan  
shafts for easy replacement.  
Increase space between decks  
for easy maintenance.  
Modular rubber liners at feedbox, discharge spouts,  
and cardan shaft for optimal service life.

### Vibration System

Counterweights for stroke optimization.  
Double bearings in vibrators for extended life.  
Dust-proof grease lubrication to prevent  
contamination.



### Technical Specification

Model	Screen size	Screening area	No. of decks	Capacity	Power	Weight
CMS 1530-I	1500 x 3000 mm	4.5 m <sup>2</sup>	1	125 TPH	11 kW	1300 kgs
CMS 1540-I	1500 x 4000 mm	6 m <sup>2</sup>	1	150 TPH	11 kW	1400 kgs
CMS 1540-II	1500 x 4000 mm	6 m <sup>2</sup>	2	225 TPH	15 kW	3150 kgs
CMS 1540-III	1500 x 4000 mm	6 m <sup>2</sup>	3	225 TPH	15 kW	4050 kgs
CMS 1540-IV	1500 x 4000 mm	6 m <sup>2</sup>	4	255 TPH	15 kW	5000 kgs
CMS 1850-II	1800 x 5000 mm	9 m <sup>2</sup>	2	325 TPH	15 kW	4200 kgs
CMS 1850-III	1800 x 5000 mm	9 m <sup>2</sup>	3	325 TPH	15 kW	5200 kgs



Uttarakhand | CMS



Maharashtra | CMS



Jharkhand | CMS

### Technical Specification

CMS 1850-IV	1800 x 5000 mm	9 m <sup>2</sup>	4	325 TPH	15 kW	6800 kgs
CMS 2060-II	2000 x 6000 mm	12 m <sup>2</sup>	2	425 TPH	22 kW	6500 kgs
CMS 2060-III	2000 x 6000 mm	12 m <sup>2</sup>	3	425 TPH	22 kW	8500 kgs
CMS 2060-IV	2000 x 6000 mm	12 m <sup>2</sup>	4	425 TPH	30 kW	10400 kgs
CMS 2461-II	2400 x 6100 mm	14.6 m <sup>2</sup>	2	525 TPH	30 kW	8400 kgs
CMS 2461-III	2400 x 6100 mm	14.6 m <sup>2</sup>	3	525 TPH	30 kW	10500 kgs
CMS 2461-IV	2400 x 6100 mm	14.6 m <sup>2</sup>	4	525 TPH	45 kW	13000 kgs



# HMS SERIES™

## Horizontal Motion Screen

### Optimal Screening Design

1828 mm x 6096 mm- 3-deck horizontal screen equipped with Taurian's advanced oval stroke design for enhanced performance and material stratification.

### Patented and Innovative Features

Low-maintenance vibration damper system for reduced operational downtime. Flow-through bearing lubrication for efficient and consistent lubrication. Baffle splash lubrication system ensuring smooth operation and extended component life.

### High-Performance Vibration Mechanism

Three-shaft vibrator mechanism with adjustable stroke angle, stroke length, and speed, ensuring versatile and efficient operation.

### Seamless Construction

Double O-ring sealed vibrator construction designed for long life and reduced maintenance. Spherical washer design eliminates sidewall welds for enhanced structural integrity. Huck-bolted screen box construction, eliminating the need for welds, improving durability and ease of repairs.



#### Maintenance-Friendly Design

Tool-less oil level sight glasses for quick and easy oil checks without tools.

#### Enhanced Suspension and Sealing

Extended-life coil spring suspension system for superior vibration isolation.  
Replaceable bolt-on spring guides for simplified maintenance.  
Gland-type non-wearing shaft seal for optimal reliability and reduced wear.

#### Robust Build Quality

25% thicker - 8 mm grade 50 high-strength steel side plates for maximum durability under heavy loads.  
Heavy-duty, fully braced single crown steel deck construction for reliable performance in demanding conditions.



Maharashtra | Horizontal Motion Screen

#### Technical Specification

Model	HMS 6203
Screen size	1930 x 6096 mm
Screening area	11.5 m <sup>2</sup>
No. of decks	3
Speed	730-870 rpm
Motor	30 kW
Weight	10588 kgs

# SZ SERIES™

## Sizer

### Maximise Availability and Productivity

Taurian MPS sizers reduce fines and enhance yield.  
Minimize dust for a cleaner environment.  
Improve efficiency of downstream equipment.

### For a Safer Working Environment

Automated operation with remote capabilities ensures safety.  
Oversize material handling prevents stalls for efficient management.

### Lower Installation and Construction Costs

Compact design reduces installation costs.  
High throughput with unique breaking action.  
Ideal for tight spaces and retrofitting applications.

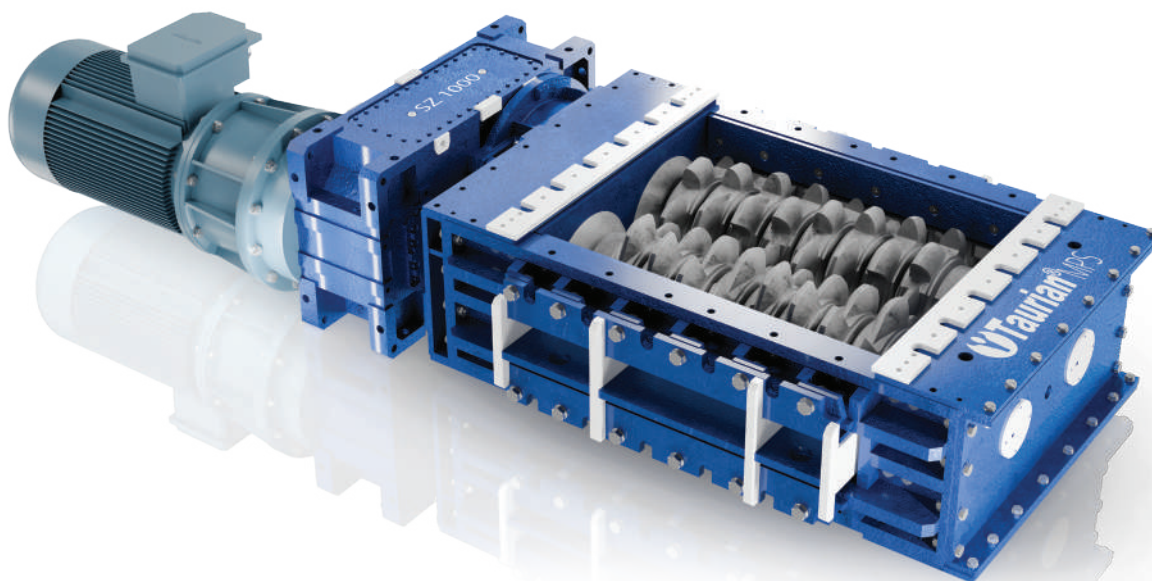
### Ensures High Yield and a Cleaner Working Environment

Reliable design ensures peak performance.  
Simple maintenance minimizes downtime.  
OEM parts enhance operational continuity.

### Optimal Performance Every Time

Custom-engineered designs tailored to specific applications.  
Ensures optimal performance and operational efficiency.  
Meets individual operational needs effectively.

Model	SZ Series 1000
Height	1590 mm
Width	3020 mm
Weight	60000 Kgs
SZ Series	1000
Rings	6
Teeth Per Ring	3
Speed	25 rpm
Roll the Speed	1.5 m/s
Breaker Bar	Installed below crushing rolls, full width
Drive System Type	Electrical via Fluid Couplings
Drive Power / Voltage	400kw / 6.6 kV
Reducer in / Out Ratio	60/1 rpm
Reducer Torque	156 kN
Coupling	650 TVSC fluid coupling 450 kW
Lubrication System	Auto Grease Supply for crusher bearings





# TGF SERIES™

## Grizzly Feeders

### Vibratory Drive Mechanism

Frequency ~600–1200 RPM; amplitude via eccentric weights or electromagnetic drives. Shafts/bearings are high-strength steel for continuous load handling.

### Grizzly Bars

Bar spacing ~2–6 inches to remove fines before crushing. Typically built from manganese steel or carbide overlays.

### Impact Deck / Liners

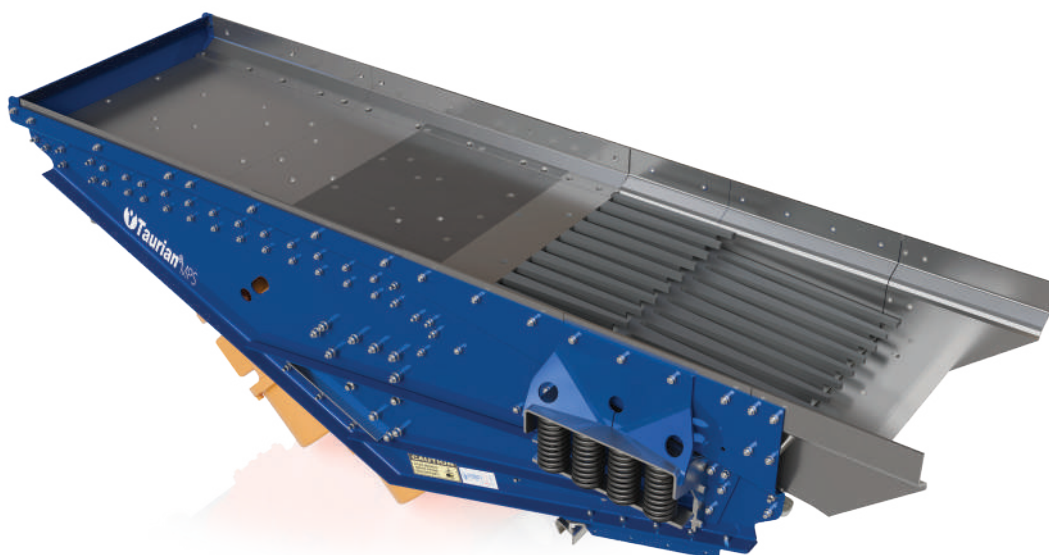
Absorbs shock from large boulders (up to several feet). Commonly lined with AR400/AR500 for abrasion resistance.

### Control System

Uses VFD for feed rate/amplitude control. Enclosed in dust/moisture-resistant housings

### Feed Pan

Designed for high throughput (hundreds of TPH). Reinforced steel plates to resist heavy impact.



### Technical Specification

Model	Dimension (L x W)	Grizzly area	Max feed size	Motor	Weight
TGF 1142-2S	4200 x 1100 mm	4.6 m <sup>2</sup>	700 mm	8 kW	3500 kgs
TGF 1148-2S	4800 x 1100 mm	5.3 m <sup>2</sup>	700 mm	12 kW	4500 kgs
TGF 1248-2S	4800 x 1200 mm	5.8 m <sup>2</sup>	700 mm	15 kW	5500 kgs
TGF 1349-2S	4900 x 1300 mm	6.4 m <sup>2</sup>	700 mm	15 kW	5400 kgs
TGF 1361-2S	6100 x 1300 mm	8 m <sup>2</sup>	900 mm	30 kW	7000 kgs
TGF 1661-2S	6100 x 1600 mm	9.8 m <sup>2</sup>	1200 mm	30 kW	10500 kgs
TGF 2066-2S	6600 x 2000 mm	13.2 m <sup>2</sup>	1500 mm	55 kW	15000 kgs

# TGFS SERIES™

## Heavy Duty Grizzly Feeders

### Modular Structure

Easy on-site assembly with basic tools, ensuring fast setup.  
Pre-wired with a plug and play system  
User-friendly starter panel for convenience.  
Flexible access stair configurations to suit various setups.  
Compactly transportation in a 40' shipping container.

### Application Flexibility

Can be used in mining, construction, recycling, industrial sand processing and more  
Crushed stone, recycled asphalt pavement (RAP), sand and gravel, coal, fly ash, slag, coke, and more.  
Standard material separations range from ½" to 30M

### Versatile Deck Configurations

Multiple Deck Options: single, double, and triple-deck configurations, catering to a variety of screening needs.  
Customizable Mesh Sizes and materials, allowing users to tailor their setup

### Enhanced Vibration Technology

Electric Vibrators operating at up to 3000 RPM ensuring superior performance for fine material separation.  
Elliptical Motion design promotes efficient material movement across the screen deck.



### Cost Effective Operation

Durable components and wear-resistant designs reduce the need for frequent part replacements.  
Minimal Downtime: Features like quick-change screen panels and accessible maintenance points.

### Optional

High frequency electric motors upto 4600 RPM  
Dust cover (Vinyl cover for improved dust control)  
Screen cloth (various types of screen media are available for different applications)  
Rubber knockdown curtains to improve screening efficiency

### Other Features

Easily adjustable slope between 38-43°.  
Suspension hanger eyes at feed and discharge end.  
Bolt-in feed distribution box.  
Adjustable discharge chutes.  
Rubber isolation mounted vibrating screen cloth.  
Large walkways for easier access.  
Rubber capped wire cloth support bars.



Puerto Rico | Grizzly Feeder



Uttarakhand | Grizzly Feeder

### Technical Specification

Model	TGF 1062S	TGF 1262S	TGF 1562S	TGF 1862S	TGF 2162S	TGF 2462S
Max feed capacity	1560 TPH	720 TPH	880 TPH	1040 TPH	1200 TPH	1360 TPH
Feeder (L x W)	6000 x 1020 mm	6000 x 1220 mm	6000 x 1520 mm	6000 x 1820 mm	6000 x 2120 mm	6000 x 2420 mm
Grizzly length	2 x 900 mm	2 x 900 mm	2 x 900 mm	2 x 900 mm	2 x 900 mm	2 x 900 mm
Grizzly area	1.8 m <sup>2</sup>	2.2 m <sup>2</sup>	2.7 m <sup>2</sup>	3.3 m <sup>2</sup>	3.8 m <sup>2</sup>	4.3 m <sup>2</sup>
Motor	2 x 15 kW	22 kW	30 kW	37 kW	37 kW	2 x 30 kW
Weight	6450 kgs	7250 kgs	8150 kgs	8800 kgs	9700 kgs	17700 kgs



# CYCLOWASH

A Taurian Brand





CYCLOSWIFT



CYCLOTWIN



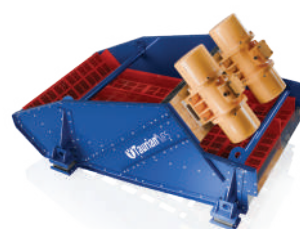
CYCLOBUCKET



FRAC



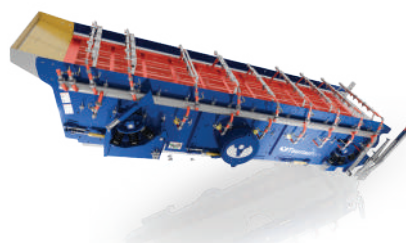
THICKENER



DEWATERING SCREEN



SPIRAL CLASSIFIER



WET SCREEN

## Compact Modular Design

The unit integrates dewatering screen, hydrocyclone, slurry pump, and sump into a single skid-mounted structure. This minimizes footprint and simplifies plant layout.

## Minimal Civil Foundation Requirement

Skid-mounted assembly requires minimal civil work for installation and facilitates faster commissioning and plant mobility when needed.

## Hydrocyclone Classification

The hydrocyclone provides precise cut-point separation, efficiently removing fines below the desired grain size.

## Integrated Dewatering Screen

Removes excess water from classified sand and ensures a drier final product with moisture content typically below 12–15%.

## Sump Tank

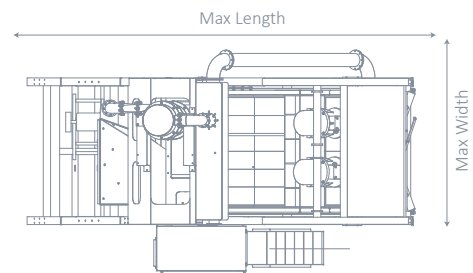
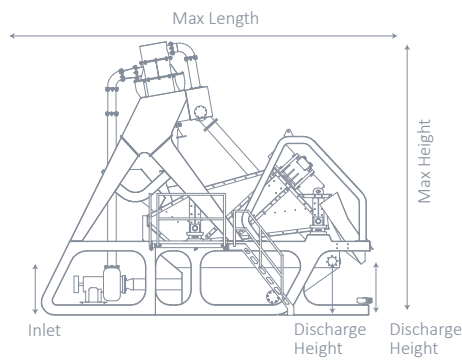
Self Regulating Tank (optional sensors)  
Bolted cleanout flange to simplify access  
Sloped floor to reduce risk of fines buildup

## Pumps and Pipes

Rubber Lined centrifugal pump with replaceable liners  
Easy access for maintenance  
(optional slide out mechanism)







## Dimensions

Model	Dimensions (L x W x H)	Inlet height	Tank waste outlet height	Discharge height
TWS 70	6500 x 3500 x 5400 mm	3000 mm	1070 mm	1000 mm
TWS 100	6500 x 3500 x 5400 mm	3000 mm	1070 mm	1000 mm
TWS 150	6500 x 3500 x 5400 mm	3000 mm	1070 mm	1000 mm
TWS 200	6500 x 3500 x 5400 mm	3000 mm	1070 mm	1000 mm



Uttarakhand | Cycloswift



Maharashtra | Cycloswift



Uttar Pradesh | Cycloswift

## Technical Specification

Model	TWS 70	TWS 100	TWS 150	TWS 200
Capacity	70 TPH	100 TPH	150 TPH	200 TPH
Hydrocyclone size dia	400 mm	400 mm	500 mm	600 mm
Pump size	100 x 75 mm	150 x 100 mm	150 x 100 mm	200 x 150 mm
Pump motor	15 kW	18 kW	30 kW	45 kW
Slurry flow rate	130 m <sup>3</sup> /hr	190 m <sup>3</sup> /hr	240 m <sup>3</sup> /hr	370 m <sup>3</sup> /hr
Dewatering screen	1.2 x 2.4 mm	1.5 x 2.8 mm	1.8 x 3.6 mm	2.1 x 4.3 mm
Screen motor	2 x 2.28 kW	2 x 2.28 kW	2 x 4.3 kW	2 x 6.2 kW
Sump capacity	5.5 m <sup>3</sup>	5.5 m <sup>3</sup>	5.5 m <sup>3</sup>	5.5 m <sup>3</sup>
Weight	9500 kgs	9700 kgs	13500 kgs	16500 kgs



# CYCLOWASH

## TWS Cyclotwin

### Double Hydrocyclone Configuration

Two high-efficiency hydrocyclones operate in parallel, enabling higher throughput and improved fine separation.

### Sump Tank

Self Regulating Tank (optional sensors)  
Bolted cleanout flange to simplify access  
Sloped floor to reduce risk of fines buildup

### Integrated Dewatering Screen

Removes excess water from classified sand and ensures a drier final product with moisture content typically below 12–15%.

### Pumps and Pipes

Rubber Lined centrifugal pump with replaceable liners  
Easy access for maintenance (optional slide out)

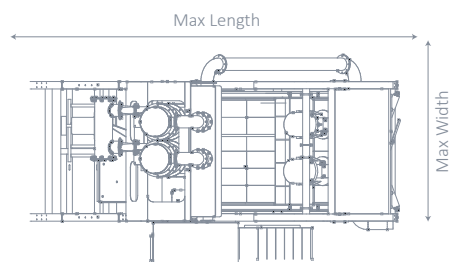
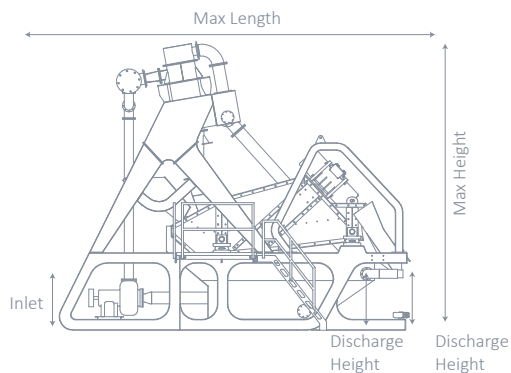
### High-Capacity Processing

Handles large slurry volumes with stable performance and suitable for medium to high tonnage operations in both natural and manufactured sand plants.

### Increased Fines Recovery Efficiency

Maximizes recovery of fine sand fractions while reducing ultra-fines in the overflow, resulting in higher product yield and better sand grading.





## Dimensions

Model	Dimensions (L x W x H)	Inlet height	Tank waste outlet height	Discharge height
TWS 150-II	6500 x 3500 x 5400 mm	3000 mm	1070 mm	1000 mm
TWS 200-II	6500 x 3500 x 5400 mm	3000 mm	1070 mm	1000 mm



Madhya Pradesh | Cyclotwin



Rajasthan | Cyclotwin



Jharkhand | Cyclotwin

## Technical Specification

Model	TWS 150-II	TWS 200-II
Capacity	150 TPH	200 TPH
Hydrocyclone size dia	375 x 2 mm	500 x 2 mm
Pump size	150 x 100 mm	200 x 150 mm
Pump motor	30 kW	45 kW
Slurry flow rate	240 m <sup>3</sup> /hr	370 m <sup>3</sup> /hr
Dewatering screen	1.8 x 3.6 mm	2.1 x 4.3 mm
Screen motor	2 x 4.3 kW	2 x 6.2 kW
Sump capacity	5.5 m <sup>3</sup>	5.5 m <sup>3</sup>
Weight	13500 kgs	16500 kgs

# CYCLOWASH

## TWS Cyclobucket

### Double Hydrocyclone

Feed Inlet is square to round lined with wear resistant urethane Custom cut points for quick adjustment in the field  
HDPE lined overflow pipe

### Dewatering Screen

Water moisture content reduction up to 85- 90%  
Blending Plate with chute to mix outputs

### Bucket Wheel

Handles 70% of processing, reducing wear of cyclones and pumps.  
Lowers cycle times and reduces operational costs.  
Planetary Gearbox to adjust speed of feed

### Sump Tank

Self Regulating Tank (optional sensors)  
Bolted cleanout Flange to simplify access  
Sloped floor to reduce risk of fines buildup

### Outputs

Handles both dry and wet feed  
Can remove fines below 75 microns

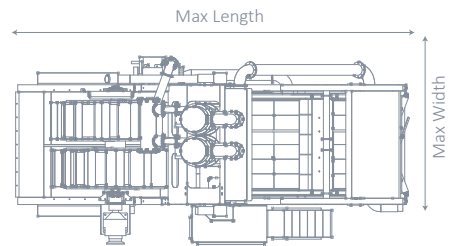
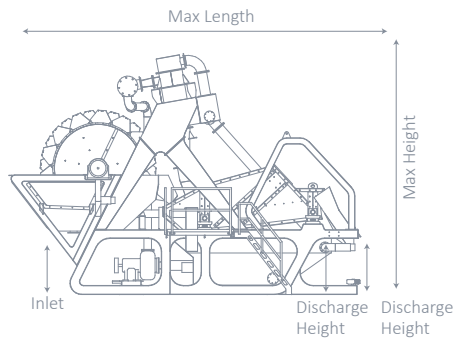
### Pumps and Pipes

Rubber Lined centrifugal pump with replaceable liners  
Easy access for maintenance (optional slide out mechanism)

### Chasis

Constructed with robust steel  
Galvanized walkways and handrails





## Dimensions

Model	Dimensions (L x W x H)	Inlet height	Tank waste outlet height	Discharge height
TWS 150B	7850 x 4000 x 5400 mm	2500 mm	1070 mm	1000 mm
TWS 200B	7850 x 4000 x 5400 mm	2500 mm	1070 mm	1000 mm



Madhya Pradesh | Cyclobucket



Maharashtra | Cyclobucket



Rajasthan | Cyclobucket

## Technical Specification

Model	TWS 150B	TWS 200B
Capacity	80-120 TPH	140-200 TPH
Hydrocyclone size	375 x 2 mm	500 x 2 mm
Pump size	150 x 125 mm	200 x 150 mm
Pump motor	22 kW	30 kW
Slurry flow rate	120-150 m³/hr	200-250 m³/hr
Inlet/outlet flange	250/200 mm	250/250 mm
Wheel diameter	2700 mm	2700 mm
Number of buckets	32	32
Bucket speed	1.3 rpm	1.3 rpm
Dewatering screen	1800 x 2400 mm	1800 x 3700 mm
Screen motor	2 x 3.2 kW	2 x 6.2 kW
Bucket motor	9.3 kW	9.3 kW
Weight	16500 kgs	18500 kgs



# CYCL<sup>WASH</sup>

## Frac

### Slurry Box

Fully enclosed, sealed and rubber lined wash box.  
Easily replaceable rubber lining.  
Water saturation of material.  
Targeting of material at rear of screenbox maximising screening area.

### Main Tank

Large inspection door(s) on tank  
Large volume sump tank with overflow box, baffle plates, pump protection system and drain ports

### Sand Conveyors

37ft (11.3m) sand conveyors  
Automated Radial  
20° incline  
Stockpile capacity 575yds<sup>3</sup> (440m<sup>3</sup>)  
High quality polyurethane scraper  
100ft (30.5m) conveyor option

### Rinser Screenbox

Choice of 2 deck or 3 deck  
Patented iso-spray technology for flexibility  
Integrated sealed subframe and catchbox  
Aggregate blending chute

### Pumps

All pumps have replaceable rubber liners for extended wear life  
Roll-out pump feature for easy maintenance

### Dewatering Screen

Dual and single sand options up to 200TPH  
High frequency dewatering screen delivering superior moisture reduction





#### **Aggregate Conveyors**

37ft (11.3m) aggregate conveyors  
Positioned to the left or right  
18 degree incline  
Stockpile capacity 125yd (95m<sup>3</sup>)  
High quality polyurethane scraper  
Galvanised undercarriage

#### **Hydrocyclones**

Customizable configuration  
or unrivaled cut point control  
100% rubber lined  
Replaceable drop in liners

#### **Feed/Hopper**

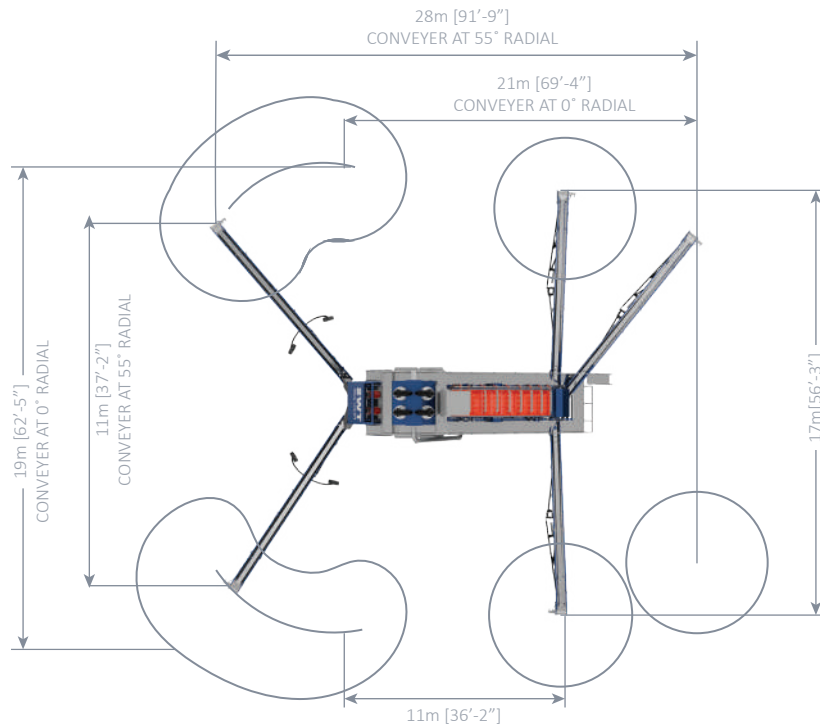
Adjustable door for inspection  
Large capacity hopper 12m<sup>3</sup>  
Radio controlled Tipping grid  
Vibrating grid option  
Variable speed belt feeder

#### **Main Conveyor**

41 inch (1050mm) wide belt  
Galvanised undercarriage  
Overband magnet option for  
removing ferrous materials in  
recycling operations

#### **WalkWays**

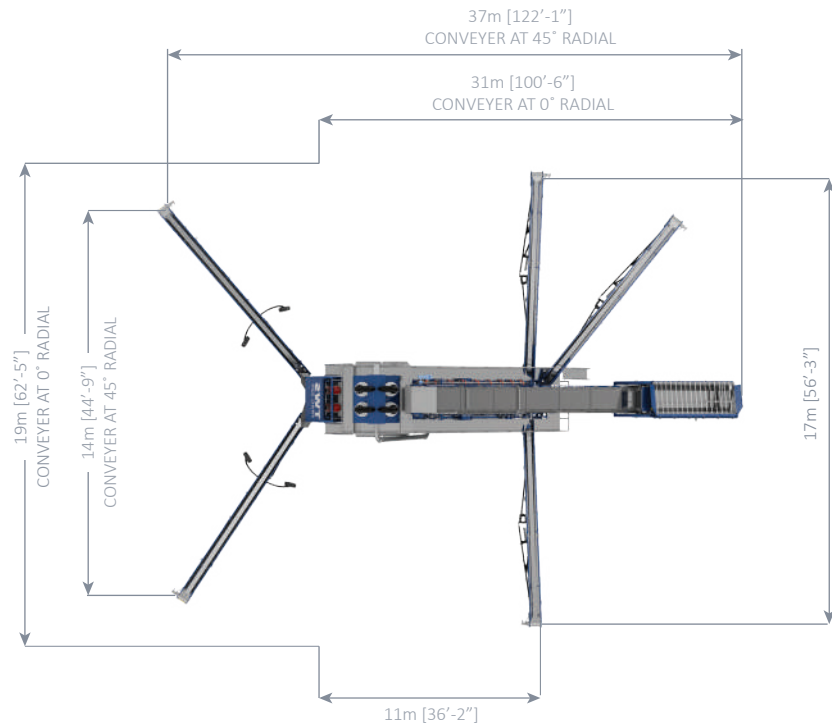
Galvanised walkways  
30 inch (760mm) wide walkway



#### Technical Specification - Frac 225

Screenbox	2 Agg 2 Sand	3 Agg 2 Sand	2 Agg, 1 Sand	3 Agg, 1 Sand
Capacity	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>
Screen size (L x W)	4.9 m x 1.5 m	4.9 m x 1.5 m	4.9 m x 1.5 m	4.9 m x 1.5 m
No. of decks	3	3	3	3
Motor	15 kW	15 kW	15 kW	15 kW
Dewatering screen (L x W)	3.7 m x 1.5 m	3.7 m x 1.5 m	3.7 m x 1.5 m	3.7 m x 1.5 m
Screen motor	8 kW	8 kW	8 kW	8 kW
Fines cyclone	1 x T375	1 x T375	2 x T660	2 x T660
Fines pump	200/150 – 15 kW	200/150 – 32 kW	250/200 – 45 kW	250/200 – 45 kW
Max spraybar water @ 2 bar	235 m <sup>3</sup> /hr	340 m <sup>3</sup> /hr	235 m <sup>3</sup> /hr	340 m <sup>3</sup> /hr





#### Technical Specification - Frac 265

Screenbox	2 Agg 2 Sand	3 Agg 2 Sand	2 Agg, 1 Sand	3 Agg, 1 Sand
Capacity	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>
Screen size (L x W)	6 m x 1.8 m	6 m x 1.8 m	6 m x 1.8 m	6 m x 1.8 m
No. of decks	2	3	2	3
Motor	22 kW	22 kW	22 kW	22 kW
Dewatering screen (L x W)	4.3 m x 1.8 m	4.3 m x 1.8 m	4.3 m x 1.8 m	4.3 m x 1.8 m
Screen motor	12.4 kW	12.4 kW	12.4 kW	12.4 kW
Fines cyclone	2 x T375	2 x T375	2 x T660	2 x T660
Fines pump	200/150 - 22 kW	200/150 - 22 kW	250/200 - 45 kW	250/200 - 45 kW
Max spraybar water @ 2 bar	268 m <sup>3</sup> /hr	400 m <sup>3</sup> /hr	268 m <sup>3</sup> /hr	400 m <sup>3</sup> /hr





# CYCLWASH

## Thickener

- Prewired and factory tested cone section with integrated sludge pump to allow for rapid setup
- Customer-focused solution with unmatched maintenance access
- Truss support bridge with full span galvanised walkway
- Metered Flocculant dosing system with valves, hoses, injectors
- Electric drive and lift
- Wastewater delivered to the centre of the thickener to allow maximum time for material settlement
- Unique rake mechanism for optimal sludge conditioning
- Heavy duty steel support legs and bracing
- Gasket sealed outlets with three slurry nozzles and one manhole
- PLC or Marshalling panel

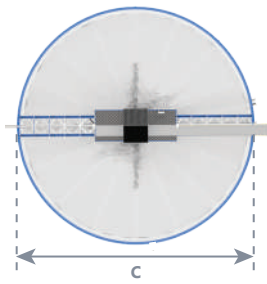
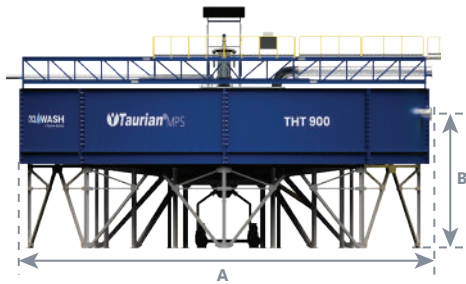


# Technical Specification

Model		THT 100	THT 200	THT 400	THT 600	THT 1500
Maximum feed rate		100 m³/hr	200 m³/hr	400 m³/hr	600 m³/hr	1500 m³/hr
Sludge flow rate		5 TPH	10 TPH	20 TPH	30 TPH	80 TPH
Sludge pump		3/2	3/2	4/3	6/4	6/4
Sludge pump motor		11 kW	11 kW	15 kW	30 kW	45 kW
Rakes motor		1.1 kW	2.2 kW	3 kW	4 kW	4 kW
Feed height		131.89 in	142.52 in	174.02 in	181.10 in	7200 mm
Clean water discharge height		135.83 in	143.31 in	176.77 in	188.98 in	188.98 in
Weight (Empty)		8000 kgs	11000 kgs	20000 kgs	25000 kgs	65000 kgs
Weight (Full)		60000 kgs	120000 kgs	200000 kgs	270000 kgs	750000 kgs
Dimensions	A	5 m	8.1 m	10.5 m	12.8 m	16.7 m
	B	3.4 m	3.6 m	4.4 m	4.4 m	4.4 m
	C	4 m	6 m	8 m	10 m	15 m



Uttarakhand | Thickener



# CYCLOWASH

## Dewatering Screen

### Screen Deck

Polyurethane or stainless steel panels.  
Provides the surface for material to be dewatered.  
Perforations for water drainage.

### Side Plates

High-tensile steel.  
Provides structural stability to the screen.

### Spray Nozzles (Optional)

For washing materials during the process.

### Dewatering Hopper

Collects drained water.  
Funnel-shaped design for efficient disposal.

### Drive Assembly

Motor, gearbox, and drive belt.  
Powers the vibration mechanism.

### Vibration Motor

Generates high-frequency linear or elliptical vibrations.  
Adjustable settings for varying materials.

### Support Structure

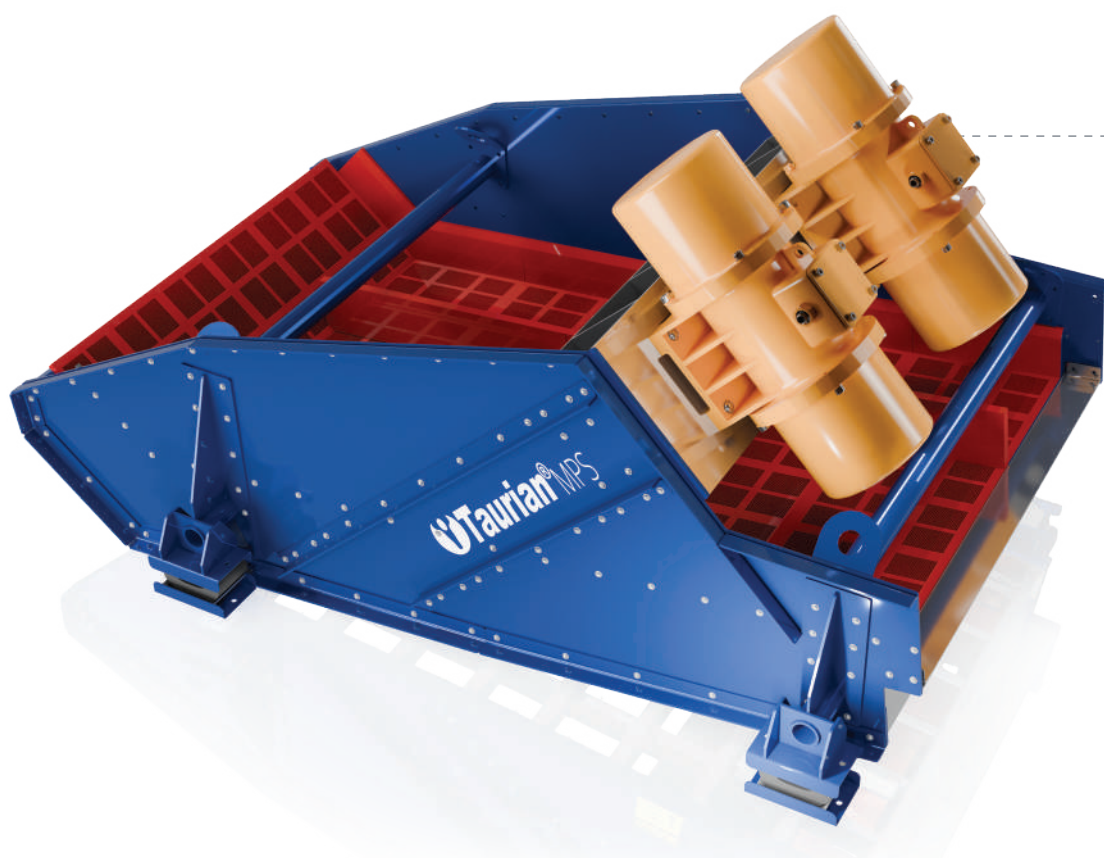
Mild steel or stainless steel frame.  
Ensures stability and proper alignment.

### Screen Panels

Modular design for easy replacement.  
Polyurethane or wire mesh.

### Cross Beams

Support the screen deck and maintain vibration integrity.  
Corrosion-resistant steel.



## Technical Specification

Model	TDS 1224	TDS 1824	TDS 1832	TDS 1840
Capacity	100 TPH	150 TPH	200 TPH	250 TPH
Screen size	1200 x 2400 mm	1800 x 2400 mm	1800 x 3200 mm	1800 x 4000 mm
Screening area	2.88 m <sup>2</sup>	4.32 m <sup>2</sup>	5.76 m <sup>2</sup>	7.20 m <sup>2</sup>
Motor	2 x 2.5 kW	2 x 3.75 kW	2 x 6.25 kW	2 x 7.5 kW



Maharashtra | Dewatering Screen



Chhattisgarh | Dewatering Screen



Rajasthan | Dewatering Screen



# CYCLOWASH

## Spiral Classifier

- Bucket Wheel**  
Recover fine sand.  
Gentle rotation ensures efficient washing & dewatering.
- Main Shaft**  
Drives spiral motion.  
Robust construction ensures stability and long service life.
- Spiral Blade**  
Agitates material effectively.  
Enhances separation of silt and fine particles.
- Dewatering Screen**  
High-frequency vibration.  
Produces consistently clean and moisture-free sand.



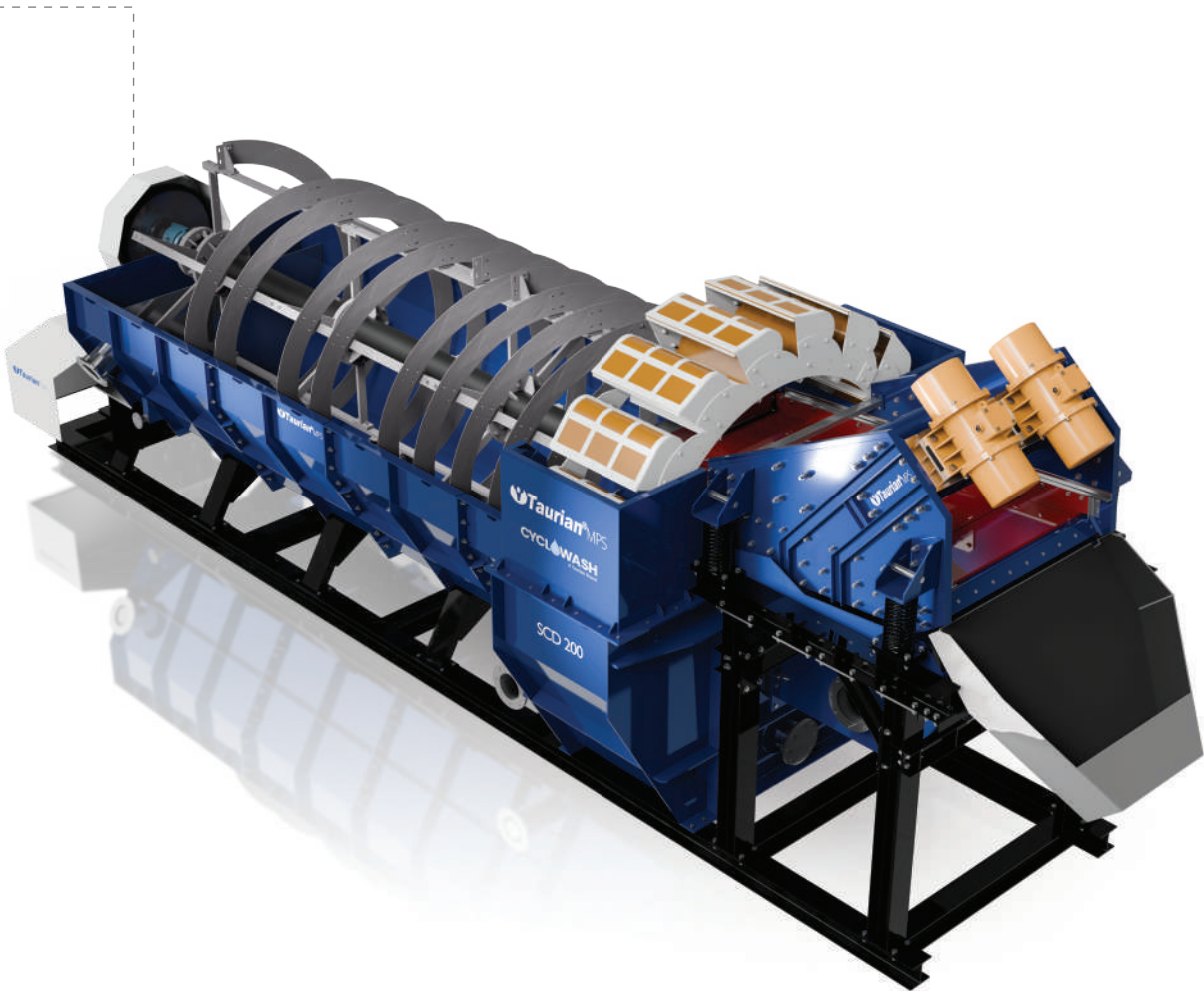
MP | Spiral Classifier

### Dewatering Screen

Model	SCD 75	SCD 100	SCD 150	SCD 200
Capacity	45-60 TPH	60-80 TPH	90-120 TPH	120-160 TPH
Screen area ( <i>W x L</i> )	900 x 1800 mm	1200 x 2150 mm	1500 x 2500 mm	1800 x 2500 mm
Operating angle	5°	5°	5°	5°
Motor	2 x 1.13 kW	2 x 1.5 kW	2 x 2.2 kW	2 x 3.2 kW
Weight	775 kgs	850 kgs	1300 kgs	1900 kgs

Spiral Classifier with Dewatering Screen

Model	SCD 75	SCD 100	SCD 150	SCD 200
Capacity	45-60 TPH	60-80 TPH	90-120 TPH	120-160 TPH
Wheel diameter	2.27 m	2.5 m	2.75 m	3.1 m
No. of buckets	34	36	42	42
Screw diameter	1800 mm	1700 mm	2200 mm	2800 mm
Water tank capacity	4500 ltrs	5000 ltrs	6000 ltrs	8000 ltrs
Motor	5.5 kW	7.5 kW	9.3 kW	9.3 kW
Weight	3600 kgs	5200 kgs	7100 kgs	8500 kgs



# CYCLOWASH

## Wet Screen

### Vibration Motor

Generates high-frequency linear or elliptical vibrations. Adjustable settings for varying materials.

### Cross Beams

Support the screen deck and maintain vibration integrity. Corrosion-resistant steel.

### Screen Deck

Polyurethane or stainless steel panels. Provides the surface for material to be dewatered. Perforations for water drainage.

### Dewatering Hopper

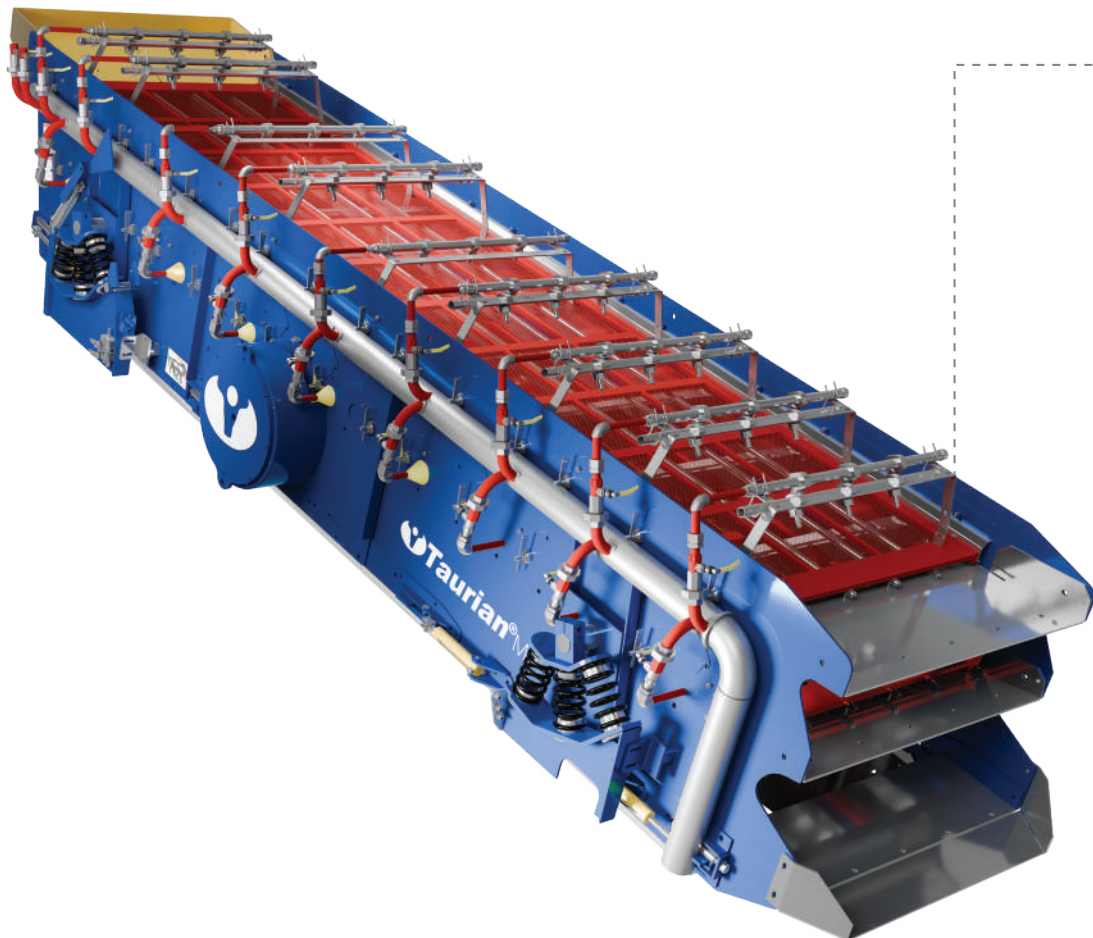
Collects drained water. Funnel-shaped design for efficient disposal.

### Screen Panels

Modular design for easy replacement. Polyurethane or wire mesh.

### Drive Assembly

Collects drained water. Funnel-shaped design for efficient disposal.



#### Support Structure

Mild steel or stainless steel frame.  
Ensures stability and proper alignment.

#### Side Plates

High-tensile steel.  
Provides structural stability to the screen.

#### Spray Nozzles (Optional)

For washing materials during the process.



Uttarakhand | Wet Screen



Uttarakhand | Wet Screen

#### Technical Specification

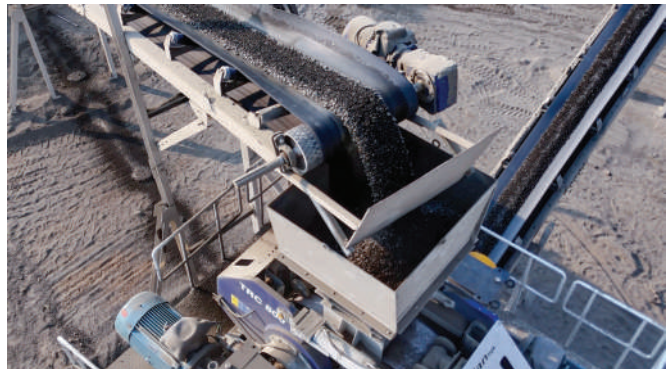
Model	WS 1545-2D	WS 1545-3D	WS 1662-2D	WS 1662-3D
Capacity	200-300 TPH	200-300 TPH	250-350 TPH	250-350 TPH
Screen size	4500 x 1500 mm	4500 x 1500 mm	6200 x 1600 mm	6200 x 1600 mm
Decks	2	3	2	3
Motor	11 kW	15 kW	15 kW	22 kW
Weight	2600 kgs	3200 kgs	5445 kgs	6245 kgs



# STACKMAX

A Taurian Brand

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TELESCOPIC RADIAL CONVEYOR



MOBISTACK



HORIZONTAL INDEX CONVEYOR



POWERSTACK



HOPPERSTACK



JUMPSTACK

# STACKMAX

## Telescopic Radial Conveyor

### Automation System

Designed in-house with clean, easy to understand interface.

### Undercarriage

Provides maximum undercarriage support for safety and lateral stability.

### Load Rollers

Each roller equally shares weight of stinger conveyor.

### Rock Box Radial Hopper

Designed for rock-on-rock wear with internal ledge.

### Slidetrack System

Cable support system designed with no catch points and easy maintenance.

### Return Trainer Belt

Constantly guides and centers belt.

### Tensioning Belt Cleaner

Eliminates unwanted fugitive material on belt.

### Pulley System

Ejects fugitive material for longer lasting pulleys and belting.

### Outputs

Handles both dry and wet feed  
Can remove fines below 75 microns

### Ultrasonic Pile Sensor

Contact Free Sensor is not affected by dust

### Stinger Safety Stop

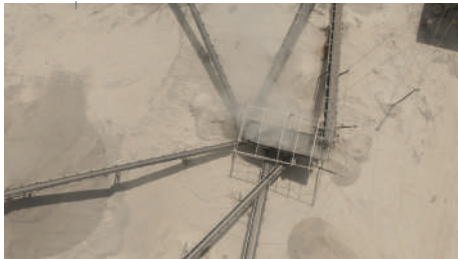
Activates in event of cable failure to maintain position of stinger.





Operating Specification

Model	TRC35	TRC40	TRC45	TRC50
Conveyor length (A)	35 m	40 m	45 m	52 m
Highest extended discharge height (B)	13 m	14 m	16 m	18 m
Lowest extended discharge height (C)	4.1 m	4.3 m	4.8 m	4.5 m
Highest retracted discharge height (D)	7.8 m	8 m	9.5 m	11 m
Lowest retracted discharge height (E)	2.9 m	2.9 m	3.2 m	3.2 m
Anchor pivot to center of axle (F)	13.5 m	15 m	17 m	23 m



MP | Telescopic Radial Conveyor



Telescopic Radial Conveyor





## Conveyor

Conveyor length 20m  
Belt width 1050mm  
Conveyor drive hydraulic  
Discharge height @24° 8.7m  
Max discharge height @28° 10m  
Capacity Up to 400TPH

## Hopper

Rubber pads to reduce impact  
Vast range for flexibility

## Dual Speed Track

0.9 km/h to 1.6 km/h  
Quick deployment  
Energy efficiency on site

## Power Unit

Diesel Hydraulic  
Fuel tank vol. 200L  
Standard hydraulic oil cooler



## Operating Specification

Model	TC 2090	TC 2490
Conveyor length	21.8 m	24 m
Discharge height @20°	10.02 m	10.8 m
Belt width	900 mm	900 mm
Stockpile volume	1555 m <sup>3</sup>	2085 m <sup>3</sup>
Stockpile mass @1.6t/m <sup>3</sup>	2500000	3340000



#### Self Aligning Scraper

Maintains belt tension.  
Prevents spillage and ensures  
continuous performance.



#### Hydraulic Adjustment

Easy plant integration  
Variable feed height reduces impact



Uttarakhand | Mobistack



# STACKMAX<sup>®</sup>

## Horizontal Index Conveyor (HIC)

### Automation

Touchscreen for belt operation, speed control, and alarm monitoring.  
Sensors for belt misalignment, block-up, and emergency stops.  
Integrated engine/motor diagnostics for real-time status checks.

### Core Function

100–300+ TPH, influenced by material type  
Conveyor length from 40–100+ ft  
Variable belt speed via VFD (0–2 m/s)  
Incremental movement for precise stockpiling

### Indexing

Stop-and-go or creep function for stockpiling.  
PLC-driven controls with user-friendly interfaces  
optional remote/telemetry

### Mobility

Can be track-mounted, wheeled, or stationary.  
Adjustable discharge heights or add-on hoppers for site-specific requirements.

### Belts and Idlers

Standard belt width of 24 inches (600mm)  
multi-ply rubber (abrasion-resistant)  
Troughing idlers and return rollers to center  
Impact idlers for shock absorption

### Applications

Mining/Quarrying – Stockpiling aggregates, ore, or overburden in layers.  
Ports & Terminals – Loading/unloading of barges or ships  
Construction – bulk handling of building materials or demolition debris.  
Power Plants – Feeds biomass, coal, or other fuels into boilers or silos.  
Industrial Bulk Handling – steel mills, grain terminals for horizontal transfer



Operating Specification

Model	HIC 24	HIC 30
Conveyor length (A)	24 m	30 m
Conveyor height (B)	5 m	5 m
Discharge height from conveyer (C)	4.2 m	4.2 m
Discharge height from hood (D)	2.2 m	2.2 m
Conveyor length with hood (E)	26 m	32 m



Rajasthan | Horizontal Index Conveyor



Horizontal Index Conveyor





# STACKMAX

## Powerstack

### Hydraulic Powerfold

Inverted design protects cylinder rods from debris during operation.

### Belt Retainer

Protects conveyor and integrity of belting during folding/unfolding.

### Tow Eye

Adjustable pintle style hitch provides the most secure coupling

### V-Plow

Shields tail pulley from onslaught of damaging fugitive material.

### Axle

Hydraulically transfers stacker from inline to radial mode in seconds.

### Eco Idlers

Trusted seal design provides shields bearing from fugitive material.

### Enclosed Power Travel

Enclosed drive protected from debris.

### Hydraulic Control Center

Quickly raise, lower, fold and unfold conveyor.

### Pulley System

Ejects fugitive material for longer lasting pulleys and belting.

### Radial Receiving Hopper

Bolt on design includes adjustable flashing in gathering trough



Operating Specification

Model	Power 29	Power 34	Power 38	Power 46
Conveyor length	29 m	33.5 m	38.1 m	45.7 m
Conveyor ground length	26.9 m	31.1 m	36.2 m	42.8 m
Raised height to center of pulley	9.8 m	11.1 m	12.6 m	14.6 m
Lowered height to center of pulley	4.2 m	5.2 m	5.4 m	4.6 m
Anchor pivot to center of axle	14.5 m	17.2 m	18.3 m	24.1 m



Powerstack



Uttarakhand | Powerstack

# STACKMAX

## Hopperstack

### Tipping Hopper

Hopper capacity is 15m<sup>3</sup>.  
The belt width is 1200mm with a 3-ply belt. Impact rollers are 130mm.  
It includes a fall break system integrated, hydraulic adjusting jacking legs, and a twin drive for the feeder.

### Hydraulic Components

Folding head section and folding tail section. The height is adjustable using a piston. A pressure sensor to reduce blockage is optionally available.

### FB Undercarriage

Maximum undercarriage length is 4500mm. Heavy-duty track shoes are 400mm wide.

### Discharge Conveyor

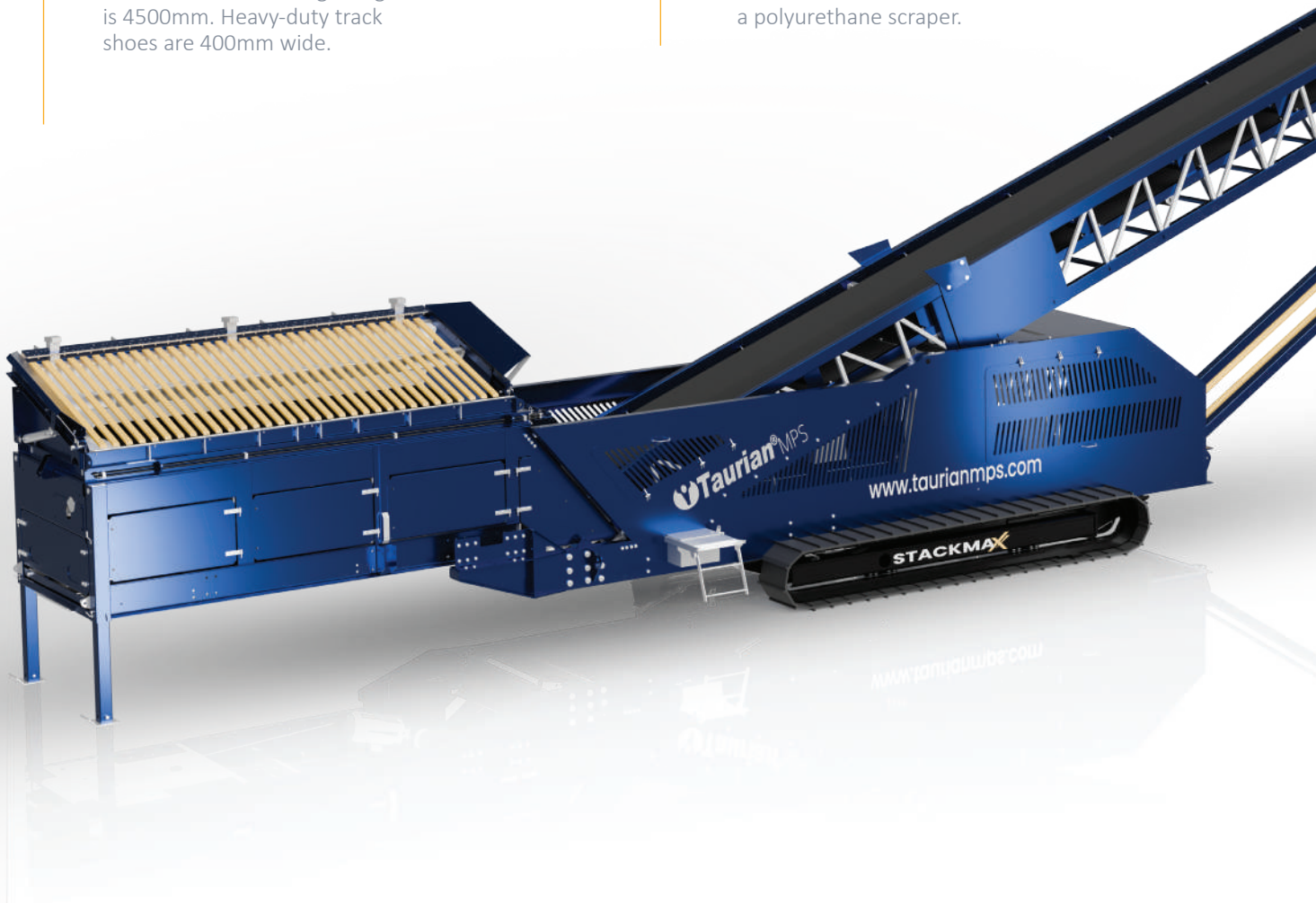
Conveyor length: 28m  
Belt width is 1200mm with a 5-ply belt.  
Maximum working angle is 24°.  
The maximum discharge height is 9.5m.

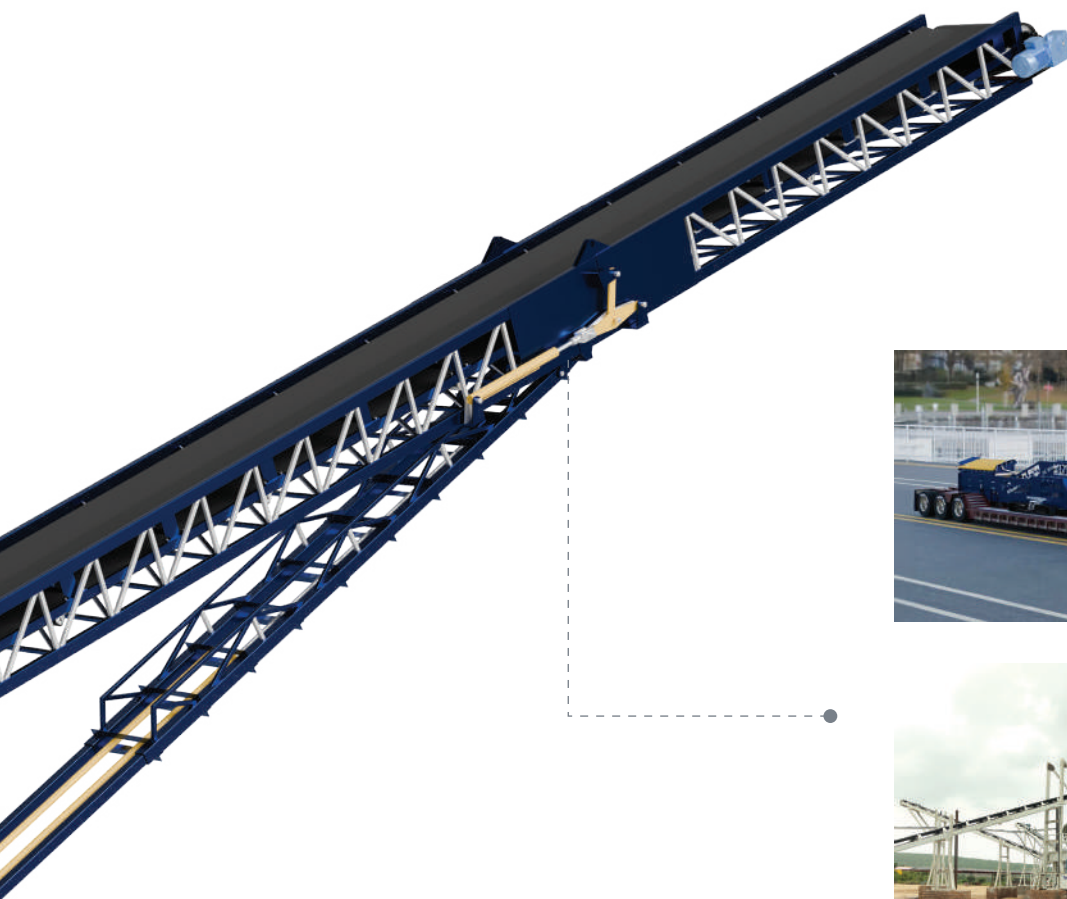
### Power Configuration

Powered by a 100kW engine.

### Head Drum Components

Twin drive mechanism with a polyurethane scraper.





Hopperstack



Jharkhand | Hopperstack

#### Operating Specification

Model	Hopper40	Hopper45	Hopper50
Maximum pile height	13.5 m	15.2 m	19.3 m
Lowered stockpile height	3.4 m	3.9 m	4.2 m
Anchor pivot to center of pile	35.4 m	40.9 m	53.7 m



# STACKMAX

## Jumpstack

### Radial Receiving Hopper

Designed for smooth, controlled loading, minimizing spillage and ensuring consistent feed to the conveyor.

### Discharge Support

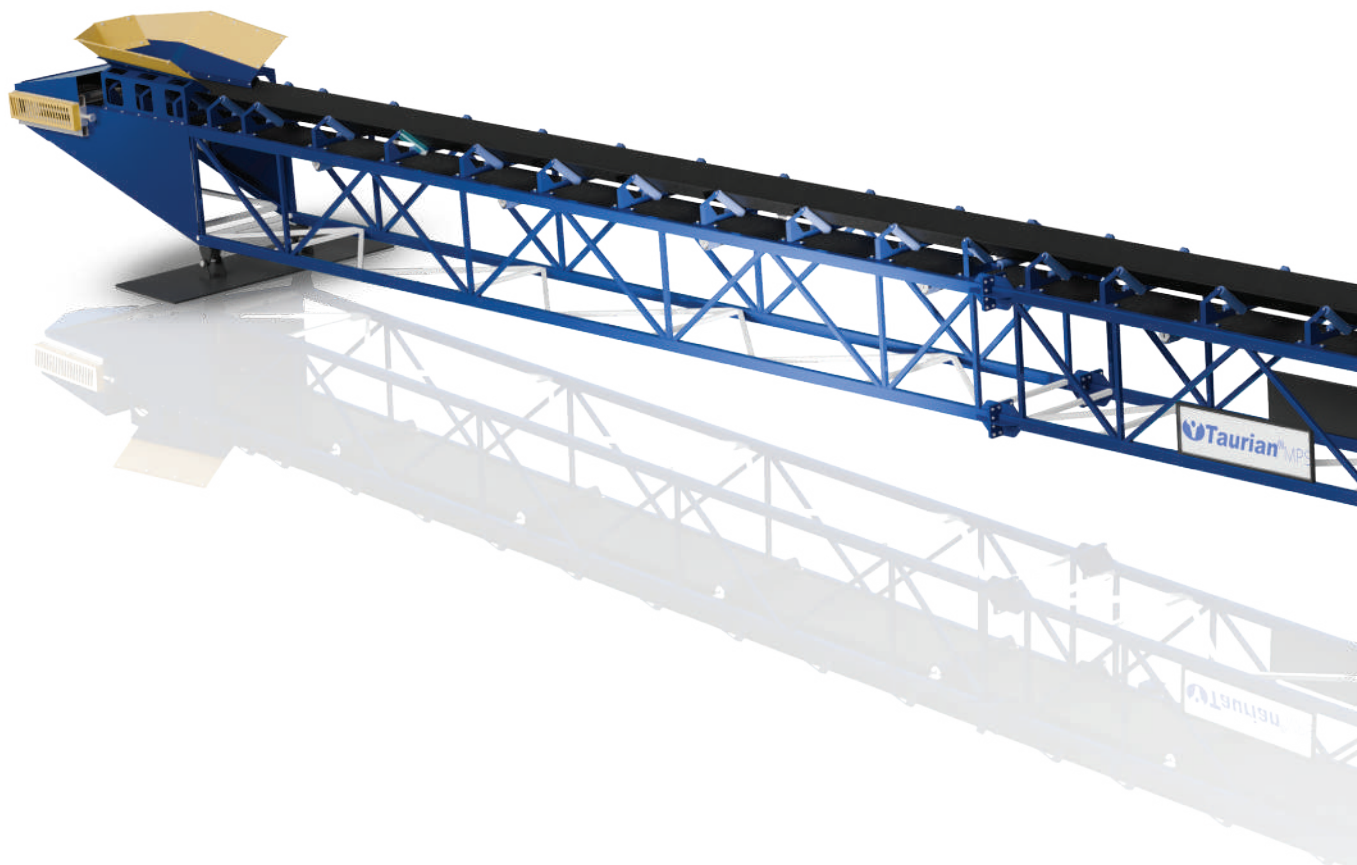
Provides stable discharge height, aligning seamlessly with downstream equipment for efficient transfer.

### Belt Scale

Enables real-time monitoring of material flow, helping operators track productivity and optimize operations.

### Heavy-Duty Structure

Built to handle heavy loads, reduce shock, and extend belt and structural life.

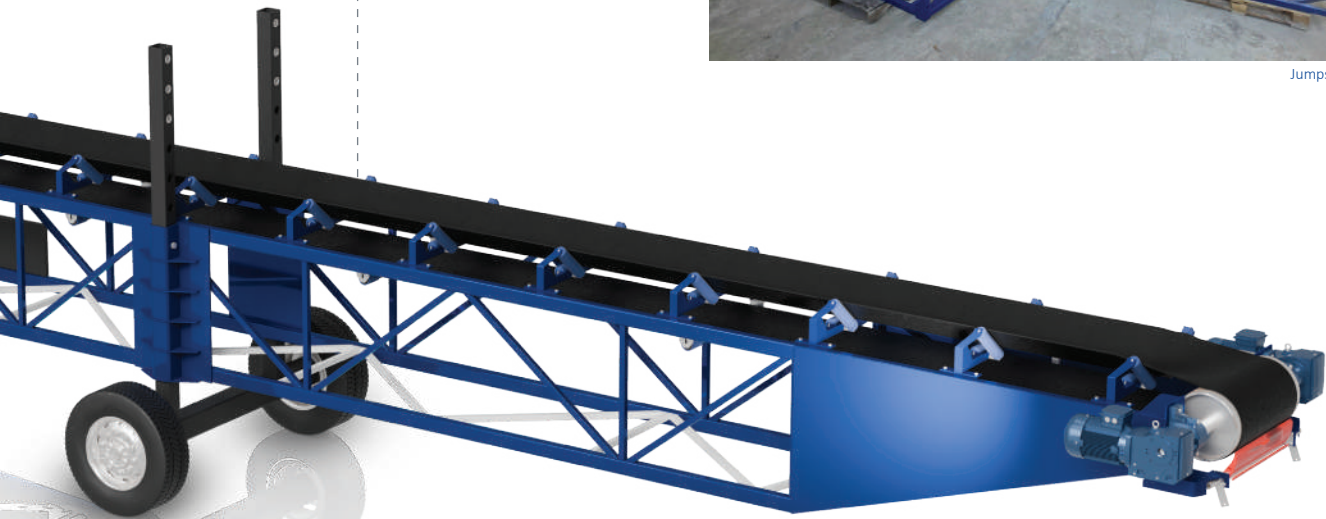


Operating Specification

Model	Jump 12	Jump 15	Jump 18	Jump 24	Jump 30
Conveyor length (A)	12.1 m	15.2 m	18.2 m	24.4 m	30.5 m
Conveyor ground length (B)	12.2 m	14 m	15 m	22 m	28.9 m
Raised height to center of pulley (C)	3.5 m	3.7 m	4.1 m	3.7 m	3.6 m
Lowered height to center of pulley	2.2 m	2.3 m	2.1 m	2.0 m	2.3 m



Jumpstack | USA





# Precision. Power. Performance















JABALPUR | MP

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