

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 30m³
 Foldable wing hopper- capacity 10m³
 Optional hydraulic folding wings



Motor and Powerpack

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

Jaw Crusher

TJ series
 Optional hydraulic CSS adjustment.

Mobility

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

Grizzly Feeder

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

Wheel Mounting

Triple or double axle bogie
 Double Lined Mining tyre
 Composite Covers

Hydraulic Legs

Four heavy duty hydraulic legs
 wide base gripping feet

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 x W x H)	13000 x 3600 x 4500	13500 x 3800 x 4850	14000 x 3800 x 4980
Transport (L x W x 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 x W x 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 x W x 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

Spacious 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	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
Hopper 6.5' x 11.5' top opening Hydraulically adjustable sloped grizzly with 6" openings	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
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	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
Service Capacity 80gal. fuel tank	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: 8.2m³
 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 x W x H)	16700 x 3800 x 7300
Transport (L x W x 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 ³

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

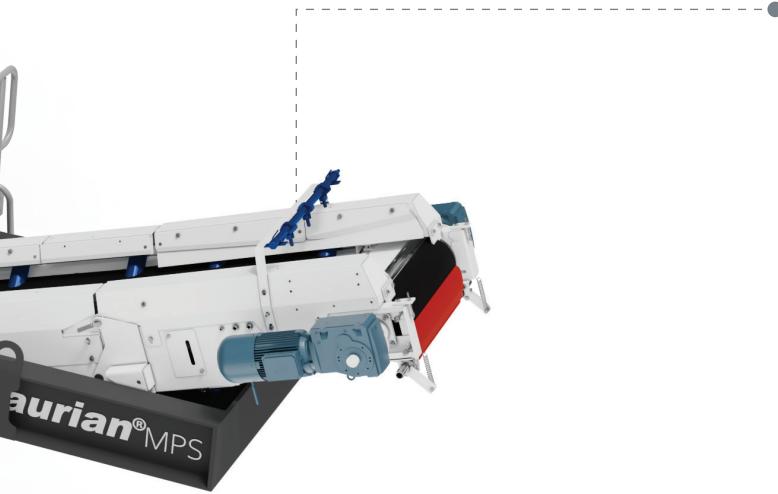
Model	WHSI 1110 T	WHSI 1115 T
Max feed size	150 mm	150 mm
Capacity	Up to 250 TPH	Up to 320 TPH
Hopper volume	5 m ³	7 m ³
Rotor dimensions	1100 x 1000 mm	1100 x 1500 mm
Motor	250 kW	315 kW

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