

WHEELER

A Taurian Brand



WHEELER JAW



WHEELER CONE



WHEELER IMPACTOR VSI



WHEELER IMPACTOR - HSI



WHEELER HYPERSCREEN



WHEELER TWINCORE



WHEELER HYPERSIZER

WHEELER

Jaw

Hopper

AR 400 Wear resistant feed hopper
Truck Loading hopper- capacity 30m³
Foldable wing hopper- capacity 10m³
Optional hydraulic folding wings

Jaw Crusher

TJ series
Optional hydraulic CSS adjustment.

Grizzly Feeder

Optional automatic feed control system
2-way bypass chute to divert 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 axle 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 <i>(L x W x H)</i>	13000 x 3600 x 4500	13500 x 3800 x 4850	14000 x 3800 x 4980
Transport <i>(L x W x H)</i>	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 1142-2S	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
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



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
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 axle bogie
 Double Lined Mining tyre
 Composite Covers

Chassis

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



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	160 kW	320 kW	600 kW
VSI	T 150	T 320	T 600
Screen	CMS 1850-IV	CMS 1850-IV	CMS 2060-IV

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
- 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
- Wheel Mounting**

Triple or double axle bogie
Double Lined Mining tyre
Composite Covers

Dimensions

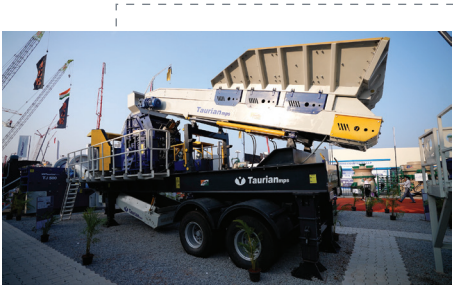
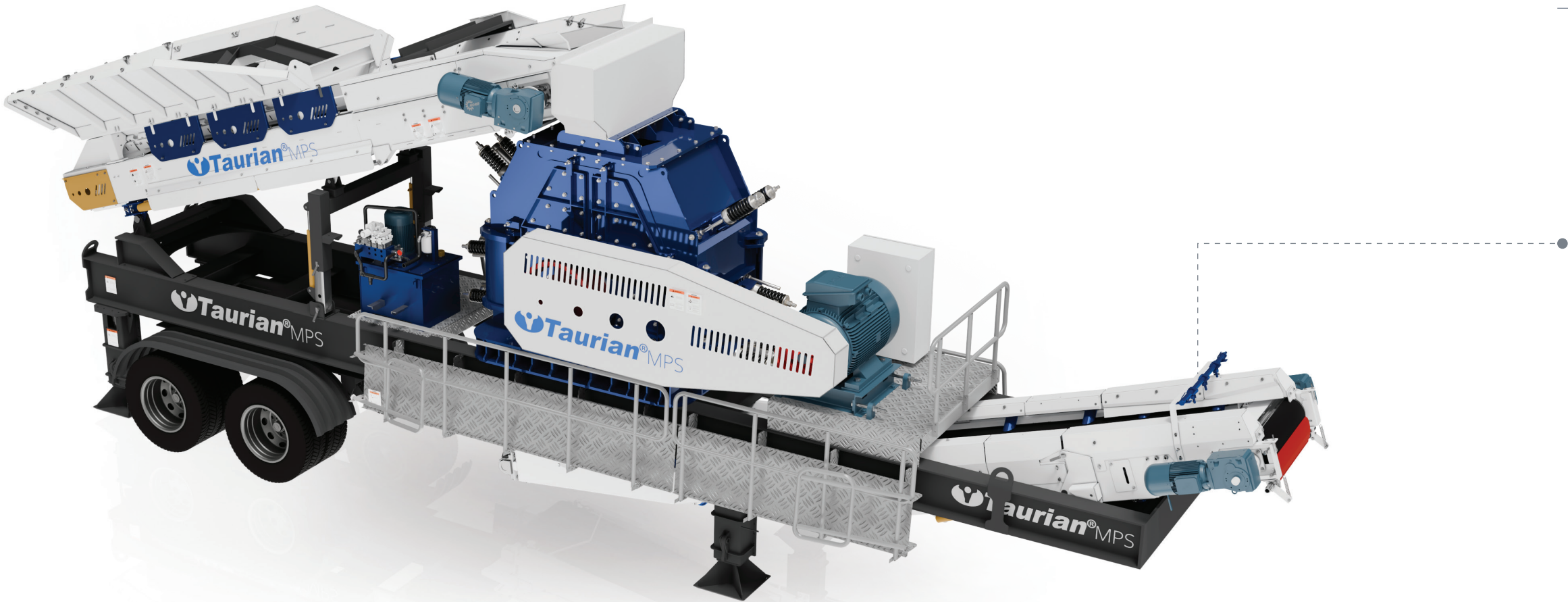
Model	WHSI 1110 T	WHSI 1115 T
Max feed size	150 mm	150 mm
Capacity	Up to 250 TPH	Up to 320 TPH
Hopper volume	5 m ³	7 m ³
Rotor dimensions	1100 x 1000 mm	1100 x 1500 mm
Motor	250 kW	315 kW

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	26000 kgs	29000 kgs



Excon 2025 | Wheeler Impactor-HSI



Uttarakhand | Wheeler Impactor-HSI

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

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.

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

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.

Technical Specification

Model (Twincore)	TWC 100
Working (L × W × H)	16700 × 3800 × 7300
Transport (L × W × H)	17200 × 4700 × 4300
Weight	52500 kgs
Model (Jaw Crusher)	TJ 100
Feed opening	800 × 510 mm
Capacity	Up to 200 TPH
CSS range	40-175 mm
Motor	75 kW
Model (Cone Crusher)	CG 150
Capacity	80-170 TPH
CSS range	15-45 mm
Motor	110 kW
Model (Grizzly Feeder)	TGF 1042-2D
Dimensions (L × W)	3600 × 1000 mm
Model (Inclined Screen)	CMS 1540-3D
Dimensions	1600 × 5000 mm
Decks	3
Motor	15 kW



Uttarakhand | Wheeler Twincore



- 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)

- 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**

Technical Specification

Model	WHS 5518 (without feeder grid)	WHS 5518 F (with feeder grid)
Working (L x W x H)	12971 x 3390 x 9147	17400 x 3500 x 8762
Transport (L x W x H)	14598 x 3636 x 4065	18100 x 2450 x 4150
Weight	16450 kgs	25600 kgs
Screen size	1830 x 5490 mm	1830 x 5490 mm
Feeder grid (optional)	NA	3810 x 2100 x 1115 mm
Feed conveyor angle	27°	27°
Max screen elevation	45°	45°
No. of mesh	6	6
Drive motors (electric/hydraulic)	13 x 1.3 KW	13 x 1.3 KW



WHEELER

Hypersizer 4818

High-Frequency Screening System

Integrated high-frequency, two-deck screening unit designed for efficient fine material separation and precise sizing; operates at high vibration frequency with low amplitude to enhance stratification and throughput, ensuring accurate gradation, reduced blinding, and improved fines recovery. Hydraulic controls for variable angle operation; Fines collecting hopper; Top and bottom deck discharge chutes; Aggregate spreader; Fixed access ladder with wrap around walkway, less screen cloth (top and bottom deck rotary end tension)

Impactor

TI 650 Horizontal Shaft Impact Crusher with heavy duty rotor assembly; two (2) reversible and replaceable blow bars; Primary apron, secondary apron, hydraulic adjustment aprons and hydraulic actuated access door; Variable speed hydraulic drive

Vibrating Feeder

40" x 14' horizontal type with 43" replaceable tine deck with 1" opening; Bolt-on liner; Supports; Loading hopper fabricated of 3/8" AR plate; Variable speed hydraulic drive; By-pass chute under grizzly with AR liner (3/8")

Side Product Conveyors

One (1) 24" swing out conveyor with hydraulic variable speed drive (0-350 FPM); formed plate; folds for transport; Rubber lagged head pulley and self-cleaning wing pulley mounted on, pillow block bearings; Screw type take-ups; Return idler guards; Receiving hopper for conveyor

Fines Conveyor

One (1) 42" conveyor with hydraulic drive (350 FPM); Formed plate; Folds for transport; Operates in two positions; Rubber lagged head pulley and self-cleaning wing pulley mounted on flange bearings; Screw type take-ups; Return idler guards; Primary belt cleaner with internal spring tensioner

Delivery Conveyors

One (1) 48' x 36" conveyor; Electric geared motor drive 11 kW; Full-length skirtboards; 10" self-cleaning wing pulley; Belt: EP315/3, cover : 5mm, 2mm

Power and Hydraulics

250HP Electric motor to operate vibrating feeder and crusher; Twin 60HP motors to operate screen and conveyors; NEMA-4 rated instrument panel; hour meter and emergency stop

Crusher Return Conveyor

One (1) 26" conveyor with hydraulic drive (350 FPM); Lowers for transport; Swing out design for optional stockpiling; Rubber lagged head pulley and self-cleaning wing pulley mounted on pillow block bearings; screw type take-ups; Return idler guards

Options

Standard Steel Screen Cloth for Hypersizer 4818; Suspended, Self-Cleaning, Hydraulic Driven Belt Magnet, 30" wide; Wireless Remote Package for Crusher Return Conveyor, 2520 Multi-Frequency Screen ILO 2520K; Auto-Greaser to grease all lube points except screen bearings



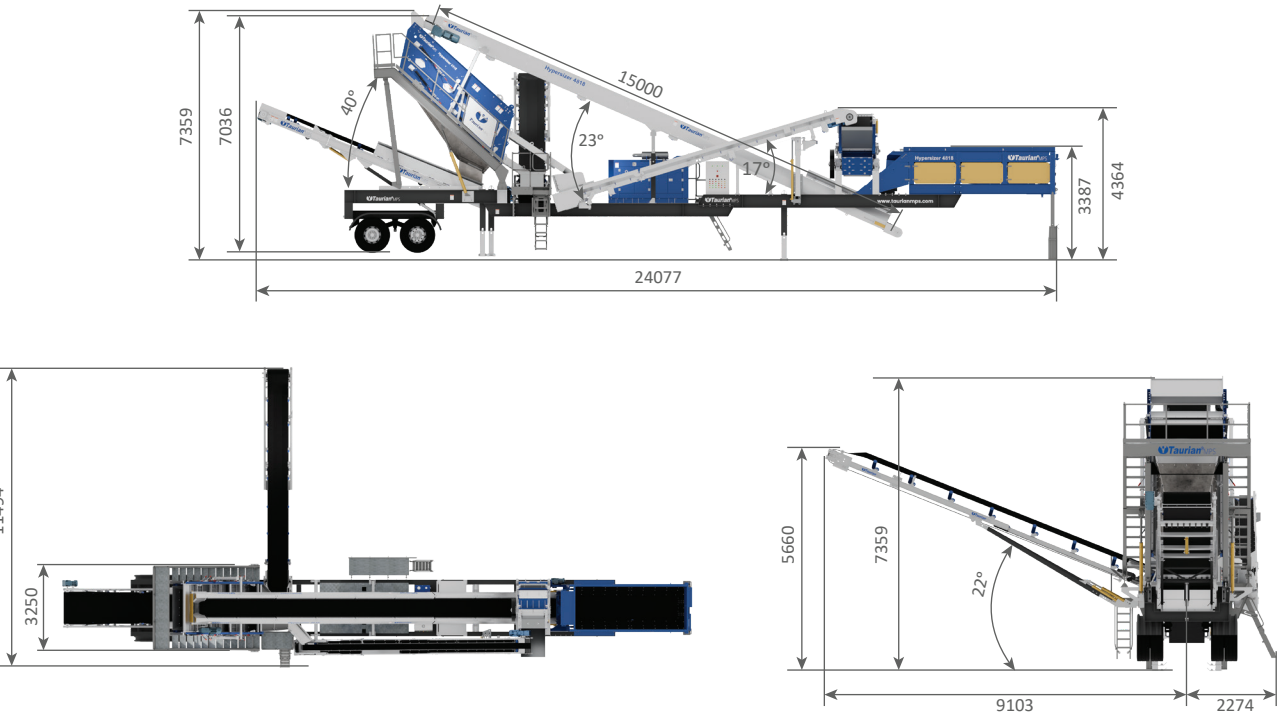
Technical Specification

Hypersizer 4818

4600 x 1800 mm	860 x 650 mm	350	150 kW
HFS Screen size	HSI Feed opening	TPH	Power

- **Reinforced Structural Design**
Built with a robust frame and wear-resistant components, ensuring long service life even in the toughest operating conditions.
 - **Operator-Friendly Control System**
Equipped with safe and easy-to-use controls, allowing operators to manage the machine efficiently from a secure position.
- **Quick Installation**
Engineered for fast setup, minimizing downtime and maximizing productivity at the site.
 - **Centralized Maintenance Access**
Simplified maintenance with easily accessible service points, reducing service time and effort.

Working Dimensions



Technical Specification

Model	Hypersizer 4818
Working (L x W x H)	24077 x 11494 x 7359 mm
Transport (L x W x H)	23543 x 3566 x 4300 mm
Weight	42000 kgs
Screen size	1800 x 4750 mm
Impactor RPM	800 RPM
Rotor size (L x W)	820 x 864 mm
Feed conveyor angle	23°
Max screen elevation	40°
No. of mesh	6
HSI motor	110 kW
Drive motors (electric/hydraulic)	150 kW

Transport Dimensions

