



WHEELER

A Taurian Brand



WHEELER™

Jaw Crusher
TJF300 Jaw (30' x 42')

Hopper
Sail Hard Wear resistant bolted liner
Foldable wing hopper- capacity 10 m³

Grizzly Feeder
Two deck Vibrating Grizzly Feeder (1100mm X 4200mm)
Stepped grizzly, wear resistant side/floor liner plates
8 kW variable speed electric motors

Bypass Chute
2-way bypass chute to divert material
A handle-operated chute direct material from the grizzly feeder mesh deck to the dirt or under-crusher conveyor.

Mobility
Heavy duty tyres
Triple axle bogie with composite covers
Mounted on chassis with triple axle bogie

Hydraulic Legs
Four heavy duty hydraulic legs
wide base gripping feet

Electrical Panel
Standard process control for improved safety and maximized production

Motor and Powerpack
Jaw electric motor (110 kW)
Jaw unit electrics including cable kit, control panel and operator panel (standard plant set for 415V/50Hz)
weather protected robust control panel houses userfriendly controls

Primary Conveyor
Motorized gear box / Motorized drum pulley
Width: 40 inches (1000mm)
Belt Material: Seven-layer threaded rubber
Impact bars directly under jaw
Optional self-cleaning magnet
Feed boot with wear resistant liners and guards.

Optionals
Hydraulic CSS adjustment
Hydraulic legs
Hydraulic folding wings
Hopper for truck loading
25 m³ extension (total 35 m³ capacity along with 10 m³ wing hopper)



Designed for Maximum Productivity

Lower Cost Per Ton, Higher Profitability

Taurian's wheeled-mounted plants optimize cost per ton with energy-efficient motors, reduced fuel consumption, and minimal downtime. Precision feeding and adjustable conveyors improve material flow, lowering wear and maintenance costs. Quick setup and modular design maximize uptime, ensuring higher output with lower operating expenses, making them the ideal solution for cost-effective crushing operations.



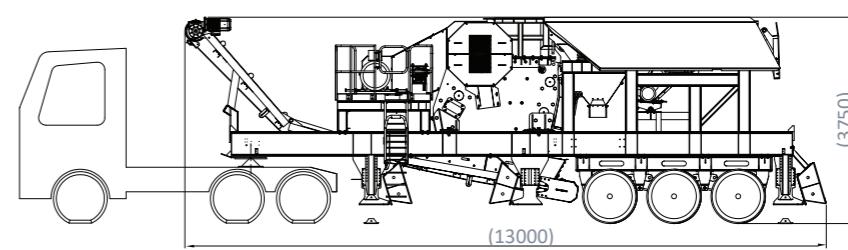
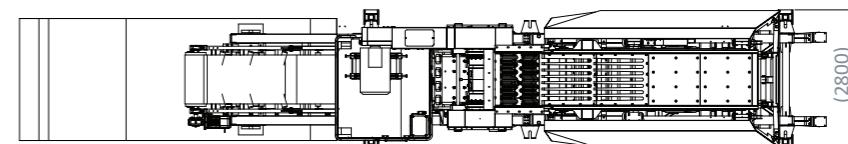
Seamless Relocation for Maximum Efficiency

Taurian's wheeled-mounted plants ensure effortless relocation, making them ideal for dynamic work environments. Independently mobile units allow quick repositioning, while hydraulic jacks enable fast leveling on uneven terrain. The modular design simplifies dismantling and reassembly, reducing downtime. With pre-wired electrical systems, relocation is smooth and efficient, ensuring continuous production with minimal disruption.

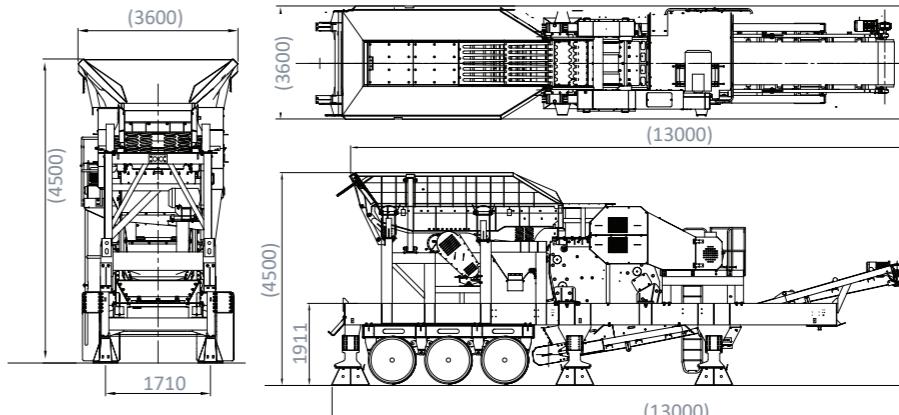
Reduced Civil Work, Faster Deployment

Taurian's wheeled-mounted plants require no heavy foundations, reducing setup time and costs. Hydraulic jacks with auto-leveling ensure stability on uneven terrain, while the pre-engineered modular chassis provides structural integrity. Pre-wired electrical systems enable plug-and-play operation, making these plants ideal for quick deployment and relocation, maximizing productivity with minimal civil infrastructure.

Transport Mode



Working Mode



Optimized Material Flow & Stockpile Management

Taurian's wheeled-mounted plants ensure efficient material handling with adjustable conveyors that optimize stockpile management. Strategically designed conveyor placements reduce spillage, minimize material loss, and enhance loading efficiency. The modular system allows for customizable discharge heights, ensuring smooth material transfer across multiple processing stages. This streamlined material flow boosts overall productivity while lowering operational costs.

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 kg	45000 kg	48500 kg
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

Enhancing Operational Efficiency and Mobility with Taurian's 250 TPH Wheeled 3-Stage Crusher Plant.

PLANT
3 Stage Wheeled Crusher Plant

TONNAGE
250 TPH

OUTPUT
5 mm, 10 mm, 20 mm, 40 mm, GSB & WMM (aggregates)

MATERIAL
Recycled Concrete, Granite, Basalt, and hard rock

END USE
Construction and Concrete



Yashomala Stone Crusher, a key aggregates supplier for infrastructure projects in Kolhapur, Maharashtra, played a pivotal role in the 2016–17 expansion of NH-166 from 2-lane to 4-lane, covering 32.5 km between Kolhapur and Ratnagiri. Spearheaded by NHAI and Maharashtra PWD, the project demanded 8,50,000 + tons of aggregates (GSB & PQC road) in a span of a year.

To meet this scale efficiently, owner Mr. Suraj Bhosale turned to Taurian MPS for a high-capacity, flexible crushing solution, ensuring seamless supply for this critical highway upgrade.

Geological Setting – Mineral Deposits of Kolhapur

Kolhapur, located in the southwestern part of Maharashtra, is known for its rich mineral resources, which play a significant role in the region's industrial and construction sectors. The district is characterized by basaltic rock formations, iron ore deposits, and bauxite reserves, making it an important hub for mineral extraction and processing.

THE CHALLENGE

Yashomala Stone Crusher faced high power consumption, frequent downtime, and limited mobility while handling recycled concrete, basalt, and hard rock across multiple sites. Their setup required frequent maintenance and struggled with inconsistent aggregate quality. To meet tight project deadlines, they needed a mobile, energy-efficient solution ensuring seamless site transitions, high productivity, and low-maintenance operations.

THE SOLUTION

Taurian's 250 TPH Wheeled 3-Stage Crusher Plant

After a detailed consultation with Mr. Suraj Bhosale, owner of Yashomala Stone Crushers, our team recommended the Taurian 250 TPH Wheeled 3-Stage Crusher Plant as the optimal solution. This plant, equipped with a primary jaw crusher TJ300, secondary cone crusher CG250, and a tertiary VSI crusher T220, was perfectly suited to handle the varied material types while maintaining the flexibility to move between sites quickly.

Key features of the plant include:

- Modular Design: The wheeled configuration allowed for fast relocation and setup, reducing downtime during project transitions.
- High-Efficiency Crushing Stages: The combination of jaw, cone, and VSI crushers provided optimal crushing efficiency across different materials, ensuring high-quality output.
- Customization: Our team customized the plant's settings to match their specific material handling requirements, ensuring that the crushers could adapt to the hardness and abrasiveness of different materials.

Results & Impact

For over 7 years, Taurian's 250 TPH Wheeled 3-Stage Crusher Plant has boosted Yashomala Stone Crushers' productivity by 20%. Its wheeled design enabled rapid site relocations, while the jaw, cone, and VSI setup ensured consistent, high-quality output for road construction and concrete projects. Lower maintenance costs and minimal downtime allowed them to complete government projects ahead of schedule, earning accolades and hefty bonuses for their outstanding performance.

At Taurian, we believe in providing more than just equipment—we provide solutions that are built to last, tailored to our clients' operational needs, and designed for maximum performance. Our partnership with Yashomala Stone Crushers is a testament to how our wheeled 3-stage crusher plant has not only addressed their challenges but has also delivered sustainable, long-term success. We continue to work closely with them to ensure that their operations remain efficient and productive as they scale new heights in the infrastructure sector.

Taurian's 250 TPH wheeled 3-stage crusher plant was the perfect solution to our mobility and output challenges. The plant's ability to handle materials like granite, basalt, and limestone has been key to our success. The equipment has been running smoothly for over 7 years, allowing us to boost production by 20% and meet project deadlines consistently. Taurian's support has been exceptional, from customization to after-sales service, ensuring we get the most out of our plant.

~ Mr. Suraj Bhosale, Owner, Yashomala Stone Crusher

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