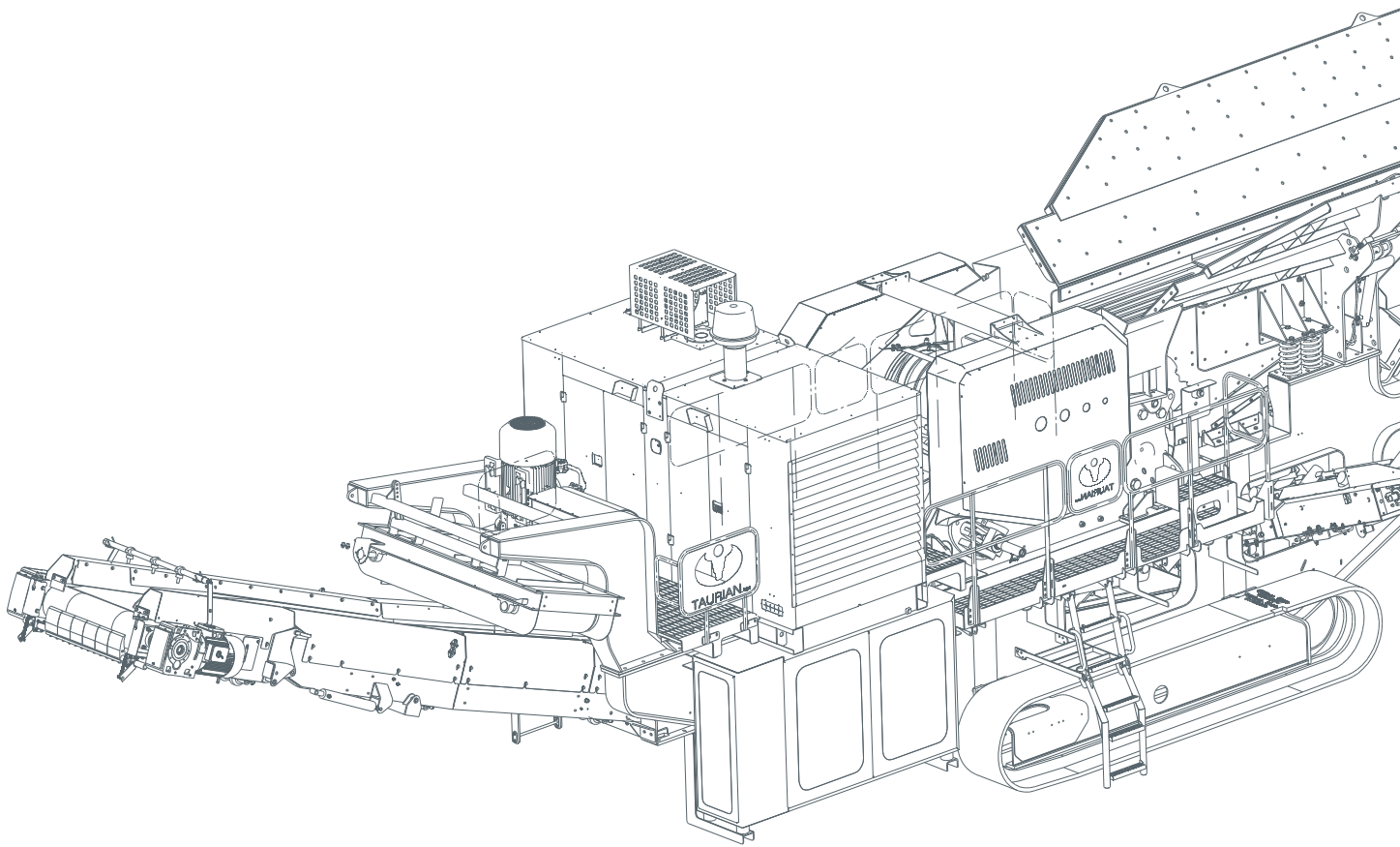


FERRATRAK

A Taurian Brand



TERRATRAK JAW
HYBRID

The Taurian Terratrak series is an advanced hybrid mobile crushing solution, seamlessly switching between diesel and electric power for maximum efficiency and lower operating costs. Built for quarrying, mining, and recycling, it features heavy-duty tracks, hydraulically foldable components, and intelligent automation for rapid setup and smooth operation. With high-performance crushers, advanced feeders, and durable conveyors, TerraTrak ensures powerful, flexible, and eco-friendly crushing—wherever you need it



The Taurian MPS - Track Product Range



TERRATRAK PRIMARY
Mobile Jaw Crushers

TERRATRAK SECONDARY
Mobile Cone Crushers

TERRATRAK TERTIARY
Mobile Screening Systems

STACKMAX MOBISTACK
Mobile Stackers

STACKMAX HIC
Mobile Stackers

INSIGHTS

At a Glance

TERRATRAK

Hydraulically Foldable Hopper

Hopper capacity: Up to 9m³
Feed height: 3.98m
Optional hopper extensions 11m³

Heavy-duty Tracks

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

Main Conveyor

Belt width: 1m
Discharge height: 3.6m
Stockpile capacity: 70m³
Electrically driven belt conveyor with steel enforcing
Height-adjustable magnet (optional)
Impact bars at feed point

Power Unit

Cummins/ Scania diesel oil engine.
Engine speed 1500rpm

Grizzly Feeder

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

Effective Pre-screening

Maximizes crusher efficiency and separates scalped product via side conveyor

Jaw Crusher

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

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.



HYBRID

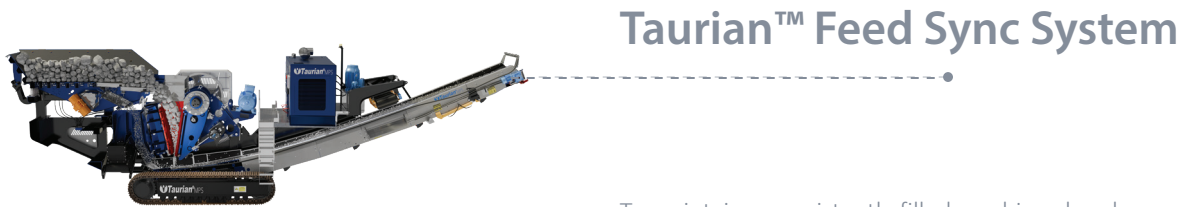
Diesel-Electric Drive

Hybrid Power for Maximum Efficiency & Sustainability

Terratrak™ series utilizes an advanced diesel-electric drive system, where the crusher and conveyors run entirely on electric power, eliminating hydraulic hoses and reducing leak risks. This design minimizes oil consumption, extends service intervals, and lowers maintenance costs. With the ability to operate in fully electric mode, it reduces energy consumption, exhaust emissions, and noise levels, making it a cost-effective and environmentally responsible crushing solution.

Built for Tough Quarry Demands with Smart Power Integration

This is designed for continuous, heavy-duty quarry operations, ensuring reliability in demanding conditions. It can be fitted with an external power connection, enabling it to supply electricity to downstream equipment like stockpile conveyors or screening plants.



Taurian™ Feed Sync System

To maintain a consistently filled crushing chamber and maximize throughput, Taurian FeedSync System intelligently monitors crusher levels in real time. When integrated with the line coupling option, the system also measures stockpile height using an ultrasonic probe, ensuring seamless material flow.

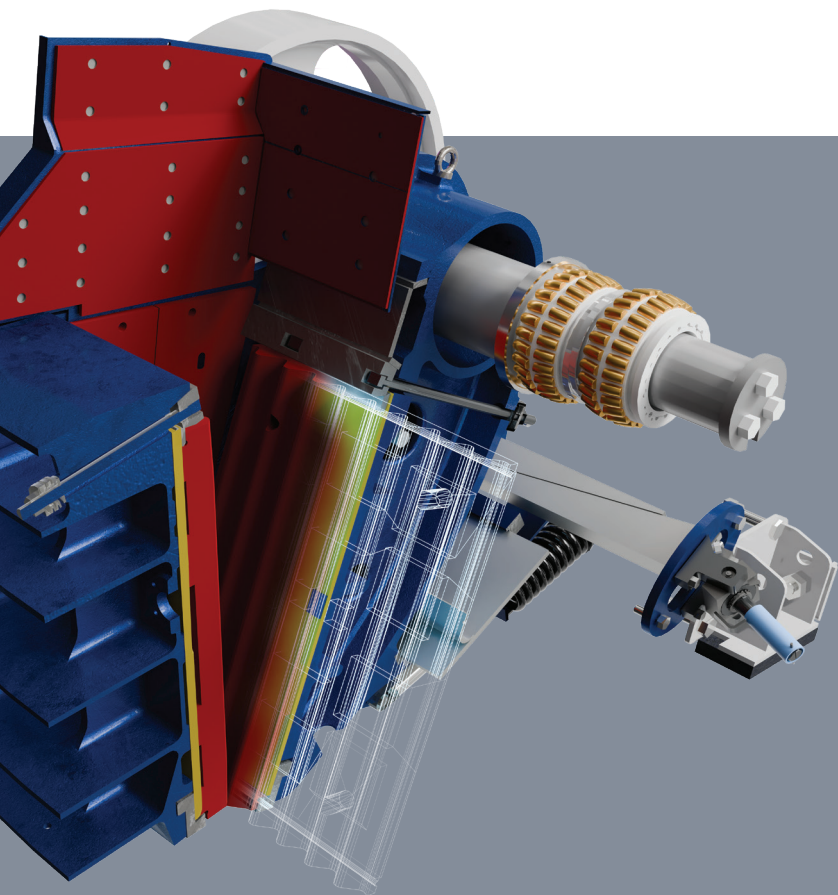
Independently of this, FeedSync dynamically adjusts the frequency of the vibrating feeder and prescreen, optimizing feed rates for efficient crushing. This automation reduces wear, prevents material blockages, and enhances overall plant performance, delivering higher productivity with minimal operator intervention.



The Powerful Jaw Crusher

The Heart of the Machine

At the core of the Taurian™ Terratrak™ Primary is a high-performance jaw crusher, designed for optimal size reduction and reliability. Featuring a deep V-chamber, it provides superior nip angle and aggressive crushing action. The hydraulically adjustable CSS allows quick setting changes, while the bolted frame construction ensures structural integrity. A robust flywheel and heavy-duty bearings enhance crushing efficiency, reducing downtime in primary crushing operations.



Crusher Unblocking System (Optional)
Quickly clears blockages to minimize downtime.

Easy CSS Adjustment
Push-button control via touch panel for precise and hassle-free setting changes.

Enhanced Crusher Geometry
Designed for maximum efficiency and high throughput.

Long Crusher Jaw
Ensures deeper crushing action for better reduction.

Interchangeable Jaw Profiles
Available with Regular Teeth or Sharp Teeth for different applications.

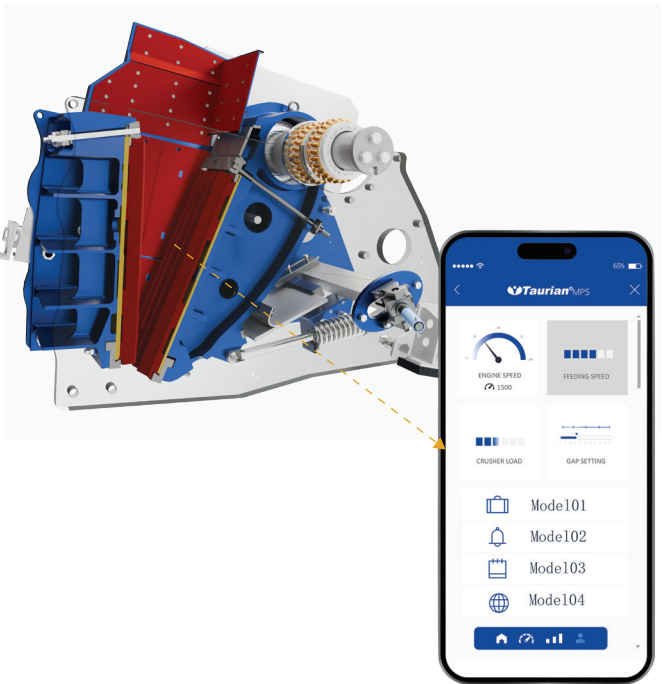
Deflector Plate
Ensures smooth material flow, reducing wear and impact forces.

Mechanical Overload Protection
Pressure plate system prevents damage from uncrushable material.

Automated Load Balancing

Exceeding the permissible load capacity of a crusher can cause significant damage and operational disruptions. The Automated Load Balancing system actively monitors and regulates the crusher's performance to prevent such issues.

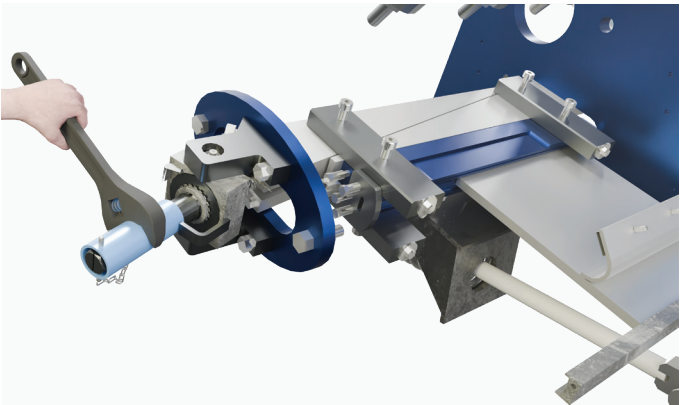
Equipped with intelligent load detection software, the system automatically intervenes in case of overload. It reduces material intake, adjusts the filling level of the crushing chamber, and minimizes stress on critical components like the housing and rocker. Conversely, if an underload is detected, the system gradually increases the feed rate to ensure consistent and optimal plant performance.



Hydraulic CSS Control

The Taurian TJ Series™ Jaw Crusher is equipped with a fully hydraulic Closed Side Setting (CSS) adjustment system, allowing for precise and effortless setting modifications. Operators can adjust the CSS conveniently via the touch display, ensuring quick, safe, and accurate changes.

The system utilizes a durable wedge mechanism, eliminating the need for manual intervention. This results in enhanced efficiency, minimized downtime, and optimized crushing performance for maximum productivity.



Effortless Hydraulic Folding & Remote-Controlled Locking

The feeding unit of our system is engineered for seamless operation, folding hydraulically for maximum convenience and safety via the radio remote control. The locking mechanism is also fully radio-controlled, eliminating the need for manual intervention from the ground. For enhanced versatility, optional hopper extensions or filling aids are available, increasing the rear-side loading width to 11' 6", ensuring improved loading efficiency.

Hopper capacity


9m³

Feed height

3.98m

Optional hopper extensions

11m³



Feeding Unit with Integrated Hopper Walls

Terratrak™ Primary is equipped with a heavy-duty feeding unit featuring integrated hopper walls, ensuring a quick setup and seamless transportability. The hydraulically foldable and lockable hopper walls reduce assembly time, enabling rapid deployment in the field. An optional hopper extension allows for easy loading via a wheel loader, enhancing operational flexibility.

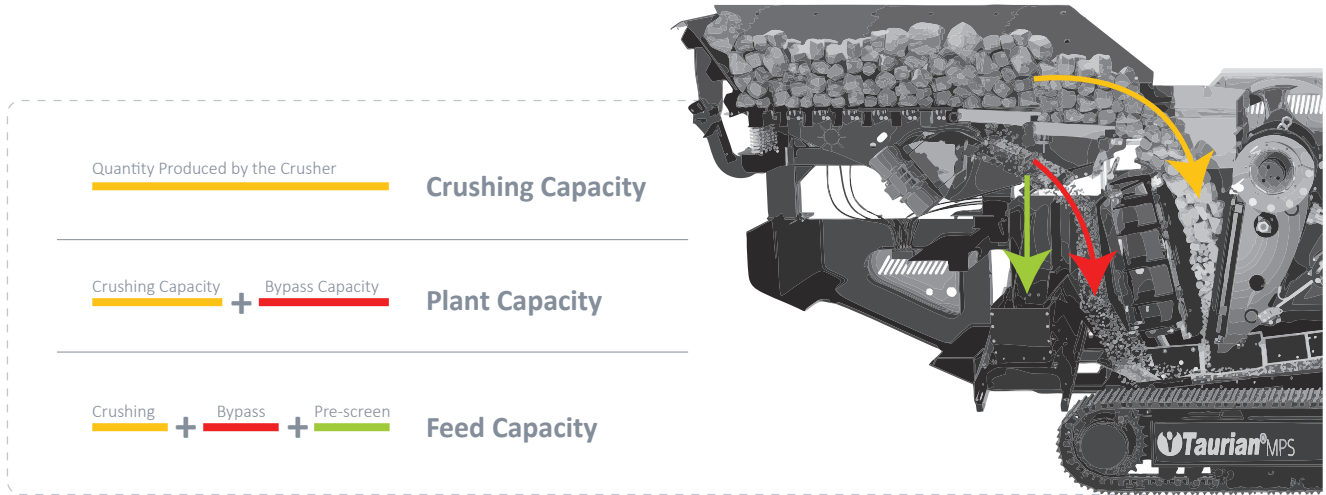
For increased capacity, a permanent hopper extension is available, increasing the total hopper volume to 11 m³ (14.4 yd³). The mechanical locking system ensures stability during operation, while the ground-level operation provides a safe and ergonomic working environment. The feeder is powered by a variable-speed hydraulic drive, optimizing material flow and ensuring smooth feeding to the primary crusher.

Enhanced Fines Separation for Optimized Crushing



This Terratrak Primary is equipped with a long vibrating grizzly feeder, featuring an integrated slotted grate or punched plate to efficiently separate fine material before it reaches the crusher. This pre-screening process reduces unnecessary wear on the crushing chamber and enhances overall productivity.

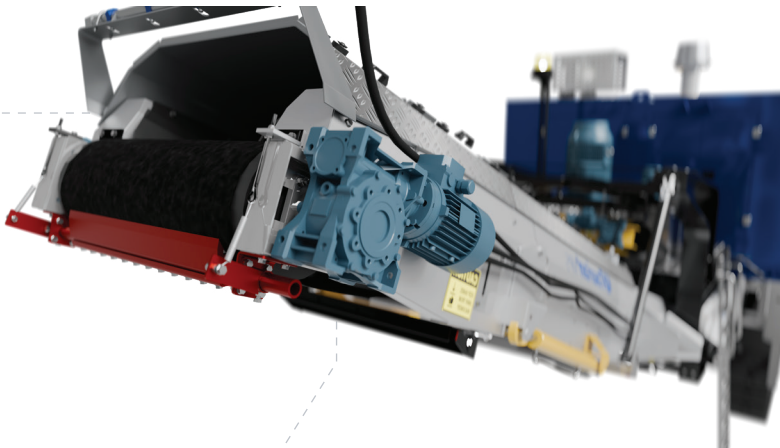
Fine material is diverted and discharged via an optional hydraulically foldable side conveyor, ensuring smooth material flow and reducing crusher load. This results in improved final product quality, lower fuel consumption, and extended wear part life, making operations more efficient and cost-effective.



Versatile Discharge Conveyor for Efficient Material Handling

The Taurian Terratrak™ main conveyor is built for high-capacity material handling, featuring a 650mm-wide belt with multiple length options to suit various site requirements. It efficiently transports large volumes of material, with an adjustable incline achieving discharge heights of up to 10 meters for optimized stockpiling. A hydraulic folding system allows for compact transport, while remote control operation ensures quick setup and repositioning.

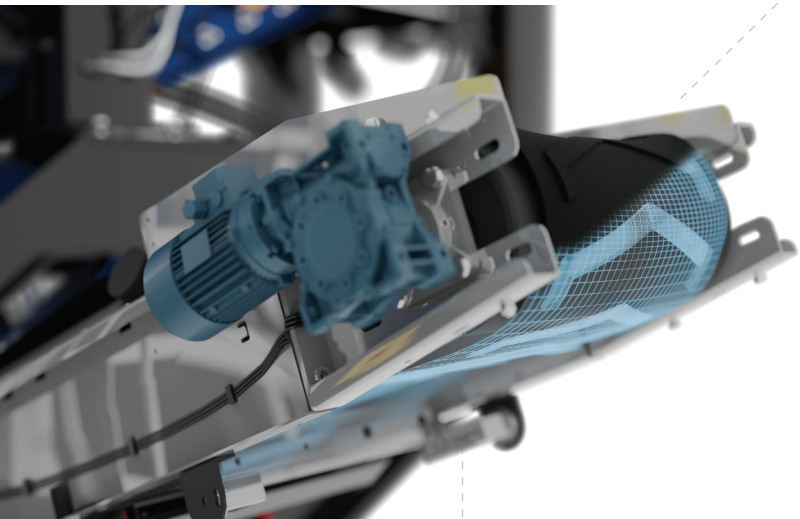
The conveyor is equipped with a reinforced feed area, impact rollers, and rubber skirting to minimize wear and spillage. A magnetic separator prevents metal contamination, and a spray system at the discharge reduces dust emissions, ensuring clean and efficient operation in quarries, mining, and recycling applications.



High-Capacity Side Conveyor with Adjustable Discharge

It features a flexible side discharge conveyor, available in two configurations to suit different operational needs. It can be mounted on either side of the machine and remains attached during transport for quick deployment.

The conveyor offers discharge heights of up to 2.1 m (6'11") or 3.0 m (9'10"), ensuring efficient stockpiling or transfer to secondary processing units. To enhance environmental compliance and reduce airborne dust, the conveyor is equipped with an integrated spray system, minimizing dust emissions and improving site safety.

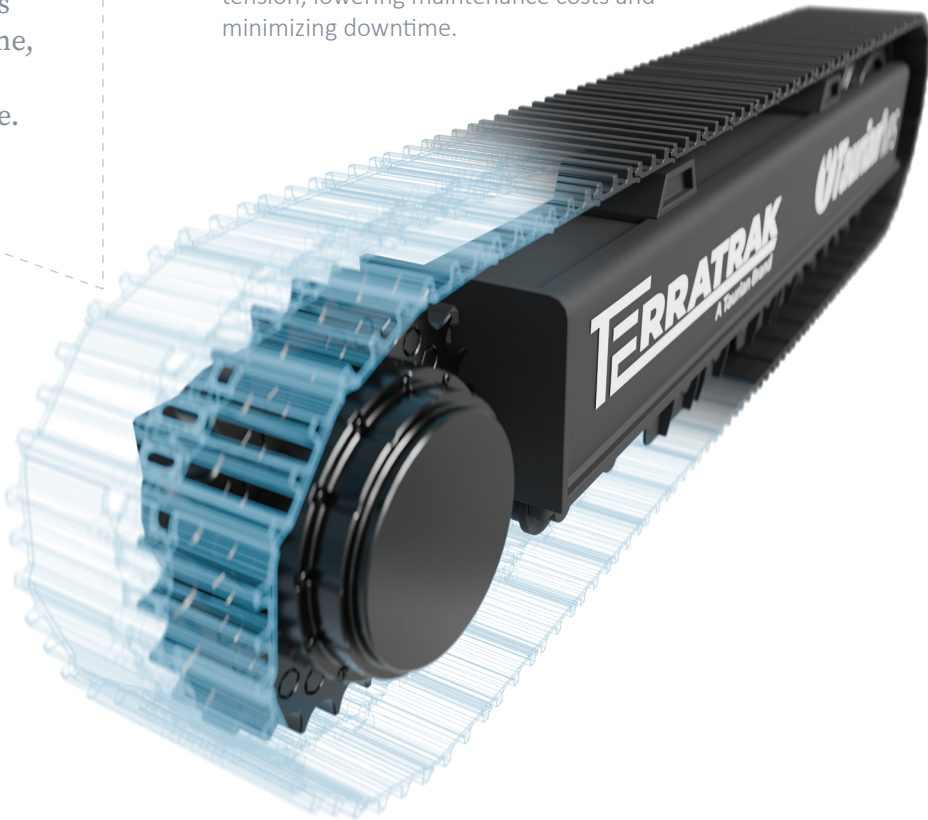


Heavy-Duty Tracks Built for Tough Terrain

Terratrak™ is engineered to thrive where others struggle. Designed for the toughest terrains, the system delivers unmatched mobility and stability, allowing machines to operate with precision in harsh and uneven conditions. With its advanced track mechanism, Terratrak™ ensures smooth and steady movement, reduces operator fatigue, and maximizes efficiency on site. Whether it's mining, construction, or aggregate processing, Terratrak™ enhances productivity, minimizes downtime, and keeps your operations moving—no matter the challenge.

The Taurian Terratrak™ series features heavy-duty tracks with 500mm-wide track shoes, ensuring strong stability and reliable traction on rocky, uneven, and loose surfaces. These tracks handle extreme loads and rough conditions, making them suitable for quarries, mining operations, and demolition sites.

Equipped with high-torque hydraulic motors, the tracks move smoothly and efficiently, even under heavy loads, reducing slippage and improving fuel efficiency. The reinforced undercarriage, with an automatic tensioning system, helps maintain consistent track tension, lowering maintenance costs and minimizing downtime.



The wide footprint allows better weight distribution, reducing ground pressure and ensuring strong grip and maneuverability on steep slopes, wet terrain, and unstable ground. The durable track construction withstands abrasion, impacts, and prolonged use, ensuring a long service life with minimal wear.

COMPACT & VERSATILE

Easy Transport & Fast Deployment

Despite their high performance, jaw crushers from the Taurian TerraTrak series fall into the compact class of primary crushers. Their lightweight construction and reduced dimensions make them easy to transport, allowing for frequent relocation between job sites without hassle.

Taurian’s mobile jaw crushers are built for easy transport and fast deployment, making them perfect for jobs that require frequent relocation. Thanks to their compact size and lightweight design, moving these machines between job sites—whether in tight city spaces, quarries, or remote locations—is hassle-free.

For cost-effective international shipping, select models fit into standard 40 ft containers, cutting down freight costs and simplifying logistics. This makes it easier to send machines across regions without the need for oversized transport permits.

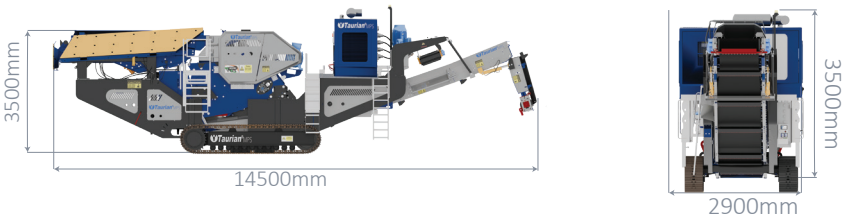
Setting up is just as smooth. The hydraulic folding discharge conveyor keeps transport dimensions compact and unfolds in no time on-site. The side discharge conveyor stays attached, so there’s no extra work needed for reassembly. Plus, with the feeding unit integrated into the chassis, there’s no need to fold or unfold hopper walls, making setup even quicker.

Once on-site, just a few steps get the machine up and running. No delays, no complex setups—just efficient crushing, wherever you need it.



Easy to transport – Fits standard containers for hassle-free shipping and quick deployment anywhere.

Transport Dimensions



14,500 mm
Transport length approx.

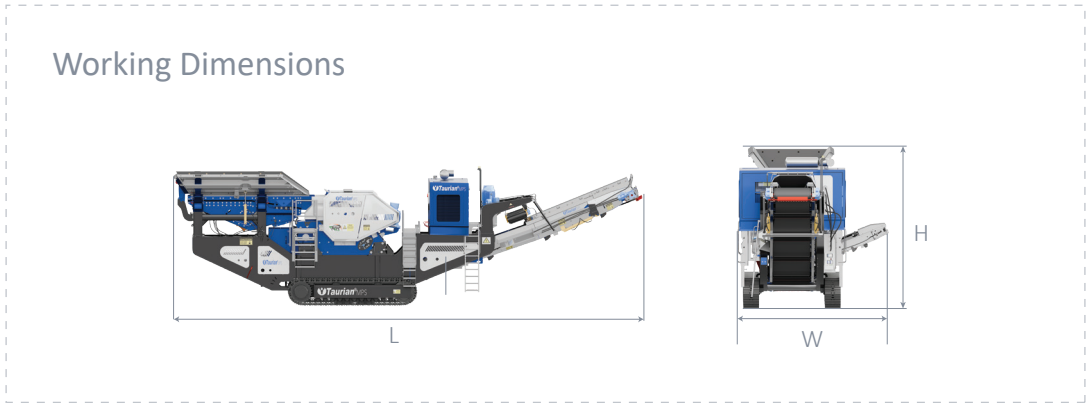
2,900 mm
Transport width approx.

3,500 mm
Transport height approx.
(default value)

54,300 kg
Transport weight max.

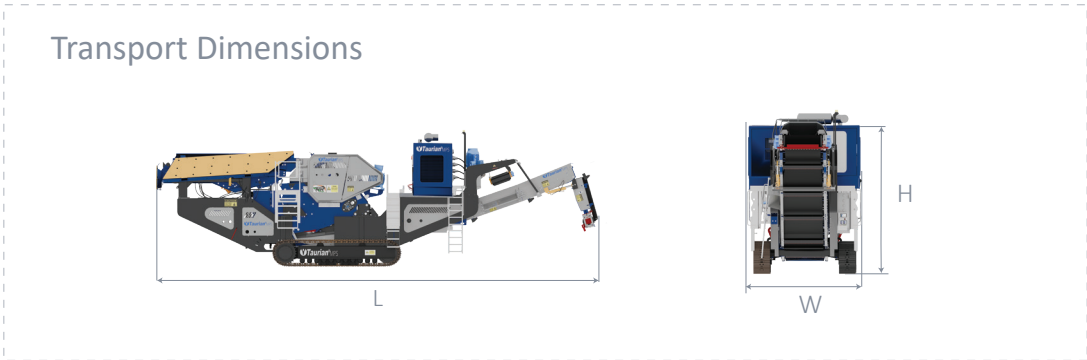


Technical Specification



Technical Specification

Model	TT 150 J	TT 200 J	TT 300 J
Working (L x W x H)	14900 x 19600 x 3250	15700 x 20400 x 3900	15700 x 20400 x 3900
Transport (L x W x H)	13800 x 2250 x 2800	14500 x 2900 x 3500	14500 x 2900 x 3500
Weight	45500 kg	50500 kg	54300 kg
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 m³	9 m³	9 m³
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



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PARTNERS

GLOBAL TECHNICAL RESOURCES LLP

4922 PROEZO, OFFICE 4/54
ST PETERSBURG
RUSSIA

CONTACT :

ROCK EQUIPMENT

AVE. MILITAR
4560 ISABELA,
PUERTO RICO 00662

CONTACT :

PLUS NATURAL RESOURCES

25TH OF APRIL STREET,
59, 2ªA,
LAGOA,
PORTUGAL

CONTACT :

LA TREVE GROUP

31, AV. LUAPULA
Q/ JOLI SITE AEROPORTO
C/ MANIKA | KOLWEZI | LUALABA
DEMOCRATIC REPUBLIC OF CONGO

CONTACT :

K NEUMAYER CIVIL CONTRACTORS

UNIT 9 COASTAL COURTYARD
34 PHILLIP STREET
SWAKOPMUND
NAMIBIA 9000

CONTACT :

ALKHOBARA MINING COMPANY

7081, ASH SHAIKH ABDULLAH
AL ANQARI
SALAHUDDIN DISTRICT 12434,
RIYADH, KSA

CONTACT :

PRAGJYOTISH EARTHMOVERS

H/No. 22, NAMGHAR PATH,
OPP. CENTRAL DAIRY
KHANAPARA, GUWAHATI - 781022
KAMRUP, ASSAM

CONTACT :

TAURIAN USA BRAD HARRIS

10217
RIVER PLANTATION DR B
AUSTIN
TEXAS 78747

CONTACT :

DELTA BUILDERS PVT LTD

NAKHU CORRIDOR
LALITPUR, NEPAL
POSTAL CODE 44600

CONTACT :



TAURIAN MPS HEADQUARTERS

201-C, POONAM CHAMBERS A WING,
DR. ANNIE BESANT ROAD, WORLI,
MUMBAI 400 018
MAHARASHTRA

CONTACT : +91 22 4967 0682

TAURIAN MPS FACTORY

KHASRA NO. 260/267,
LAKESHWARI BHAGWANPUR,
HARIDWAR 247661
UTTARAKHAND, INDIA

CONTACT : +91 91367 94515



Enhancing Project Efficiency with the CB 200 Cone Crusher: Delivering 4,00,000 Tons of Aggregate for a National Highway Project



The Solution: CB 200 Cone Crusher for High-Efficiency Crushing

The CB 200 cone crusher improved efficiency with its hydraulic tramp relief system, ejecting uncrushable debris to prevent damage and downtime. Its automatic reset restored operations instantly, while the optimized chamber enhanced rock grip and material flow. Precision CSS control ensured accurate sizing, making it perfect for high-volume aggregate production in challenging infrastructure projects.

TBA Infrastructure installed a 3-stage track plant which includes the CB 200 cone crusher to achieve consistent, high-quality aggregates. With its hydraulic tramp-relief system and optimised chamber design, the unit delivered lower downtime and higher operating efficiency.

The CB 200 maintained steady production, reduced maintenance requirements, and supported timely project completion through dependable aggregate output.

The Challenge: Crushing River Rock for Infrastructure Development

River rock’s extreme hardness caused rapid wear on crushers, leading to costly downtime and frequent maintenance. Its smooth surface made crushing inefficient, and debris like metal and wood posed serious risks. TBA Infrastructure needed a durable, high-performance crusher that could handle these challenges while ensuring steady production, minimal disruptions, and reliable aggregate output for the project.

Customer Testimonial: Achieving Superior Performance with the CB 200

The CB 200 cone crusher has proven to be a game-changer for our project. Its ability to handle tough river rock with minimal downtime ensured that our production targets were consistently met. The hydraulic tramp relief system played a vital role in maintaining smooth operations, significantly reducing unplanned interruptions. What truly stood out was the consistent output quality, which not only improved overall productivity but also raised the benchmark for efficiency in aggregate production.

— Chandra Prakash Gupta, TBA Infrastructure



Results & Impact: Increased Efficiency and Reduced Downtime

The CB 200 enhanced production efficiency, allowing TBA Infrastructure to complete the project ahead of schedule. Its optimized chamber improved rock grip, minimizing material loss, while the hydraulic tramp relief system prevented costly breakdowns. Advanced automation, durable components, and precise CSS control reduced maintenance, lowered operational costs, and ensured consistent, high-quality aggregate production with minimal downtime, maximizing overall project efficiency.