Taurian® MPS

TI Series™

TERTIARY HORIZONTAL SHAFT IMPACTOR

The Taurian MPS - Crusher Range

JAW
Primary Crushers

CONE
Secondary & Tertiary Crushers

VERTICAL SHAFT IMPACTOR
Tertiary Crushers

HORIZONTAL SHAFT IMPACTOR
Primary Crushers

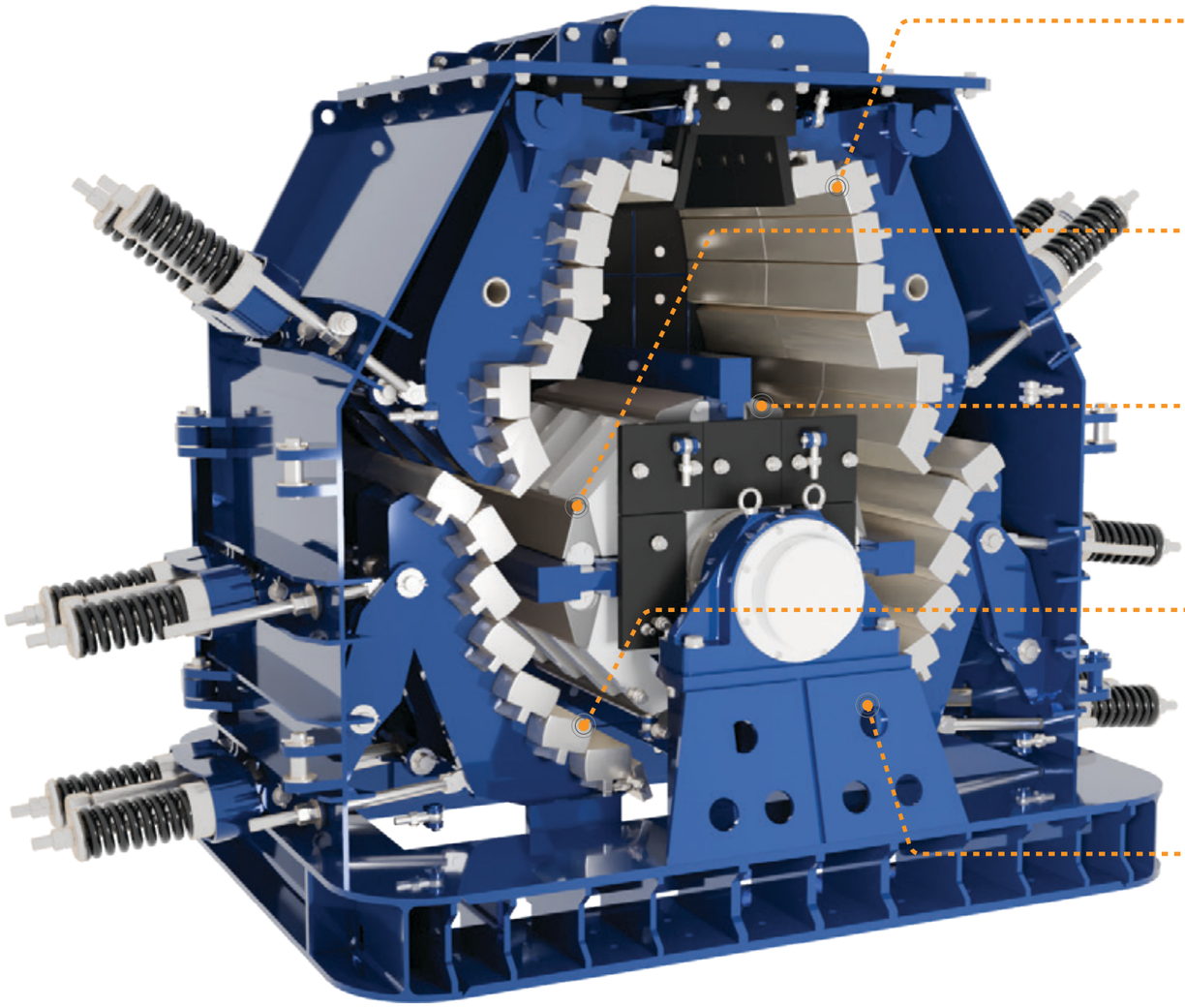
HORIZONTAL SHAFT IMPACTOR
Secondary Crushers

HORIZONTAL SHAFT IMPACTOR
Tertiary Crushers

ROLL
Crushers

SIZER
Crushers

Tertiary Crushing
for Better Shape and Size



Breaker Plate Connection System for a Higher Degree of Reliability

Heat Treated, Dynamically Balanced, Wear-resistant Rotor

The reversible blow bars are machined to ensure a flat fit with the rotor.

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

Hydraulic Assisted Breaker Plate Adjustment

WHY TAURIAN TERTIARY IMPACT CRUSHER?

Hydraulic-Assisted Breaker Plate Adjustment
Simple and easy hydraulic assisted gap adjustment provides absolute gap settings using a minimum amount of components.

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

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.

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.

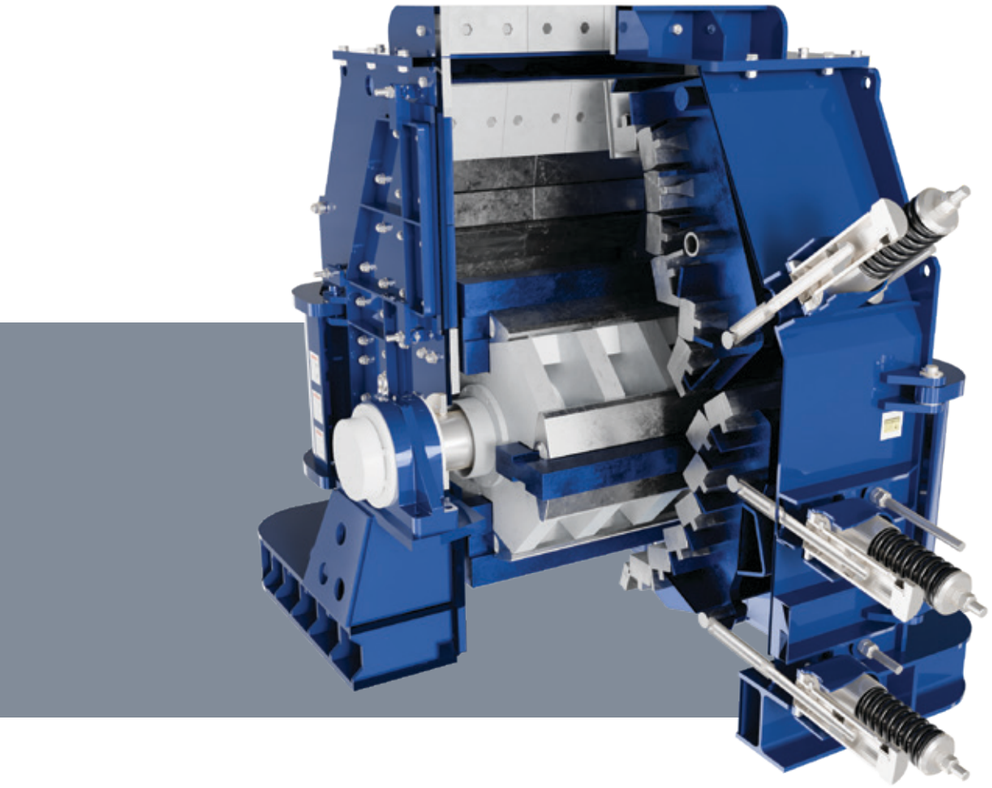
Wear-Resistant Blow Bars
High-chrome, ceramic, or composite blow bars offer extended wear life, reduced replacement frequency, and improved crushing efficiency across varying feed materials and applications.

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.

Ease of Access for Maintenance
Large inspection doors and hydraulic opening mechanisms simplify access to internal components, enabling faster servicing and reduced downtime.

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

The Powerful
Horizontal Shaft Impactor

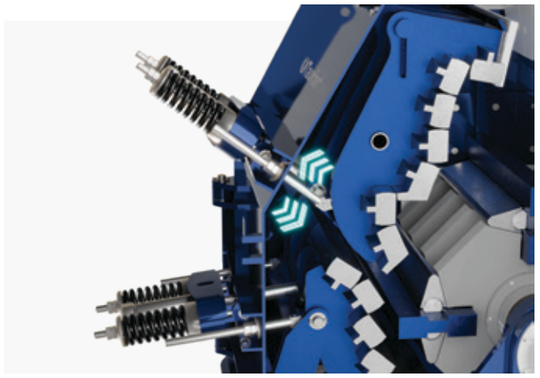


Composite Wear Liners

Modular, bolt-on wear liners protect the crusher housing from abrasion and impact. Made from high-strength materials (400-500 HB or welded overlay), they're easy to replace without welding, reducing downtime and simplifying maintenance, especially during scheduled liner changeouts.

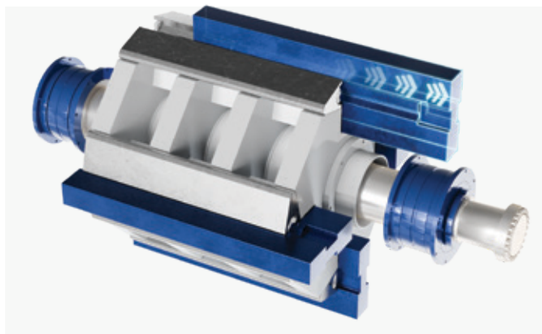
Hydraulically Adjustable Impact Plates

Taurian Tertiary HSI crushers feature hydraulically adjustable impact plates for effortless setting of product size. This system allows safe, precise adjustments without manual labour, ensuring consistent reduction, enhanced safety, and quicker maintenance-ideal for maximizing uptime and adapting to variable feed conditions.



Heavy Rotor. High Impact.

The Taurian HSI rotor is built for maximum impact energy. Its high mass and balanced design deliver consistent acceleration of material into the breaker plates, ensuring superior crushing force, reduced vibration, and high throughput-ideal for tough secondary and tertiary applications



Quick Replacement of Impact Bars

Taurian MPS Tertiary HSI crushers are designed to make routine maintenance faster, safer, and more practical. The impact bars and wear liners are arranged for easy access, allowing service teams to inspect, remove, and replace worn components with minimum effort. This maintenance-friendly design helps reduce downtime during scheduled changeouts and supports quicker return to operation. In high-wear tertiary crushing applications, where continuous impact and abrasion are common, fast replacement of impact bars helps maintain crushing efficiency, product shape, and consistent output.

By simplifying wear-part replacement, Taurian MPS HSI crushers help customers improve uptime, reduce service delays, and keep the plant productive in demanding operating conditions.

Breaker Plates And Gap Setting

Taurian Tertiary HSI crushers are equipped with hydraulically adjustable impact plates that allow operators to set the crusher gap quickly, safely, and accurately. This helps control the final product size without heavy manual intervention.

The hydraulic adjustment system makes it easier to fine-tune the crushing chamber based on feed size, feed hardness, wear condition, and required output gradation. Operators can make setting changes with better control, reducing downtime during product changeovers or maintenance checks. This system also improves site safety by reducing the need for manual adjustment inside or around the crusher body. With faster adjustment, easier maintenance access, and reliable setting control, Taurian Tertiary HSI crushers support higher uptime and better operating efficiency in demanding aggregate applications.

Why Choose
Taurian MPS?

High-Speed Crushing Performance
Taurian MPS Tertiary HSI crushers are built for precise final-stage reduction. The high-speed rotor delivers strong impact energy for better shaping, controlled crushing, and consistent product output.

Consistent Product Quality
The crusher helps produce well-graded aggregates with improved cubical shape and controlled fines. It is suitable for applications where output quality, size accuracy, and repeatable performance matter.

Easy Gap Setting
Adjustable breaker plates allow operators to control the crusher setting as per feed condition and required product size. This helps maintain consistent output and improves flexibility across different applications.

Reversible Rotor Operation
The reversible rotor design allows wear parts to be used from both sides, helping extend wear life and reduce replacement frequency. This supports lower operating cost and better machine availability.

Quick Maintenance Access
Large inspection and service doors provide easy access to the rotor, impact bars, liners, and internal wear parts. This makes routine maintenance faster, safer and more practical for site teams.

Heavy-Duty Construction
Built with a strong housing, robust rotor, and wear-resistant liners, the Taurian MPS Tertiary HSI is made to handle demanding crushing conditions while supporting long-term reliability.

Technical Specification

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

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choose Taurian MPS.

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