Taurian® MPS

CYCLOWASH

A Taurian Brand



THICKENER™



21 Years of Experience

Start to Success, Together

With over 21 years of expertise, Taurian™ has established itself as a leading Indian manufacturer of crushing and screening equipment for aggregates, mining, and mineral processing. The name Taurian™ stands for excellence and reliability globally.

Founded by industry experts, Taurian™ has evolved from a family business to India's only public limited company in its field. Focused on long-term value and quick ROI, Taurian™ has strategic partners with top U.S. and European firms to deliver superior products that meet global industry standards.

Whether you're an experienced veteran or new to the industry, Taurian™ offers extensive support to the global aggregate market through its leading brands, including Taurian MPS™, Terratrak™, Cyclowash™ and Stackmax™.

The Journey
through the years



2005: The Beginning of a Vision

Born in Roorkee, Uttarakhand, we set out with a bold vision — to redefine India's crushing and screening industry through innovation, reliability, and cost-efficiency. What began as an idea soon became a mission to empower mining and construction businesses with smarter, stronger solutions.

2010: Revolutionized sand production

Introduced Falcon VSI crushers for improved sand production and shaping and GS series cone crushers designed for secondary and tertiary crushing.

That same year, we commissioned our first major crushing plant in Eastern India, marking the beginning of our journey toward engineering excellence.

2014: Mobile Equipment Introduction

Wheeled Crushing Units: Developed and commissioned wheel-mounted crushing plant for easier in pit crushing and road construction projects.

Track Screening Unit: Introduced the Panther Series for screening fly ash and coal, with completely mobile diesel-powered units.

2016: Restructuring and Expansion

Expanded our presence into every single state in India, firmly establishing our brand nationwide. This extensive reach enabled us to serve diverse markets, strengthen customer relationships, and position ourselves as a trusted leader in the crushing and screening industry across the country.

2020: The Terratrak Revolution

We disrupted convention again with the Terratrak Series — India's first hybrid track-mounted crusher, cutting fuel costs by up to 80% while delivering uncompromised power and sustainability.

2023: Cyclowash Series

Launched the Cyclowash washing systems, giving customers an advanced, efficient, and eco-friendly solution for aggregate washing — a perfect synergy of technology and trust.

2024: Global Expansion and Strategic Growth

Built a strong international dealer network across continents.

Formed a strategic joint venture with a leading European engineering powerhouse, expanding our reach into global mining and metals markets.

Introduced the Stackmaxx Conveyor Systems — telescopic, track-mounted, and engineered for large-scale mining and port operations.

2025: IPO Launch: A new era begins!

Our IPO launch marks a defining moment in our journey — a reflection of two decades of innovation, integrity, and investor confidence.

The next chapter begins, powered by the same spirit that started it all — engineering the future of crushing and screening.

Designed for Maximum Productivity



Modular Design

Integrated Rake Mechanism

It efficiently conditions sludge, removes air pockets, and ensures automated discharge with minimal pump cycle time. Its robust four-arm rake mechanism, low-profile scraper blades, and advanced Emotron units for density monitoring and overload protection deliver reliable, efficient sludge management with minimal disruption to settled sludge.





Dozing Station

This dozing unit supplies polyelectrolyte to the Cyclowash thickener for effective sludge settlement and water recycling. Designed to match project-specific silt and wastewater volumes, its storage tank allows extended holding time, ensuring complete electrolyte activation and optimal performance.

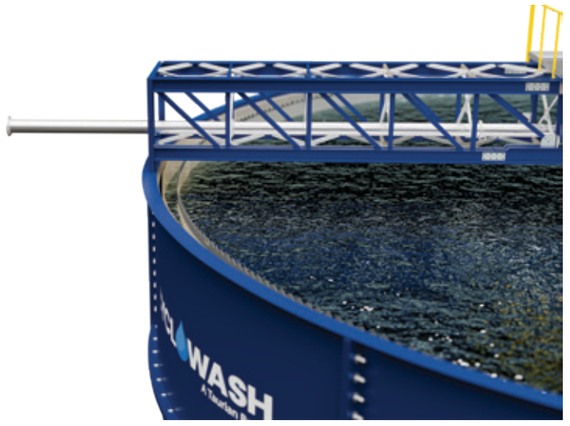


Center Diffusion Drum

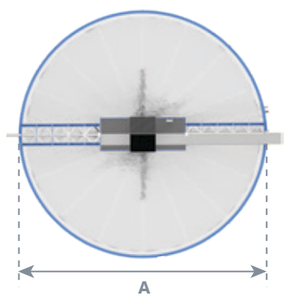
Material is directed to the Cyclowash thickener center via a transfer pipe, slowing its flow and promoting laminar movement. Central discharge maximizes the distance from the overflow weir, ensuring efficient sludge settlement while enhancing the overall performance and operational efficiency of the Cyclowash system.

Peripheral Weir

The outer weir placement on the Cyclowash thickener tank ensures maximum distance between feed entry and clean water discharge, reducing suspended solids in recycled water. The discharge point is customizable to suit site-specific requirements, enhancing efficiency in water recycling and operational adaptability.



Technical Specification







Technical Specification

Model		THT 400	THT 600	THT 800	THT 1000	THT 1500
Maximum feed rate		100 m³/hr	200 m³/hr	400 m³/hr	600 m³/hr	1500 m³/hr
Feed height		131.89 in	142.52 in	174.02 in	181.10 in	283.46 in
Rakes motor		1.1 kW	2.2 kW	3 kW	4 kW	4 kW
Sludge flow rate		5 TPH	10 TPH	20 TPH	30 TPH	80 TPH
Sludge pump		3/2	3/2	4/3	6/4	6/4
Sludge pump motor		11 kW	11 kW	15 kW	30 kW	45 kW
Clean water discharge height		135.83 in	143.31 in	176.77 in	188.98 in	188.98 in
Weight (Empty)		8000 kg	11000 kg	20000 kg	25000 kg	65000 kg
Weight (Full)		60000 kg	120000 kg	200000 kg	270000 kg	750000 kg
Dimensions	Diameter (A)	4 m	6 m	8 m	10 m	15 m
	Height (B)	4 m	4 m	5 m	5 m	5 m



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choose Taurian MPS.

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