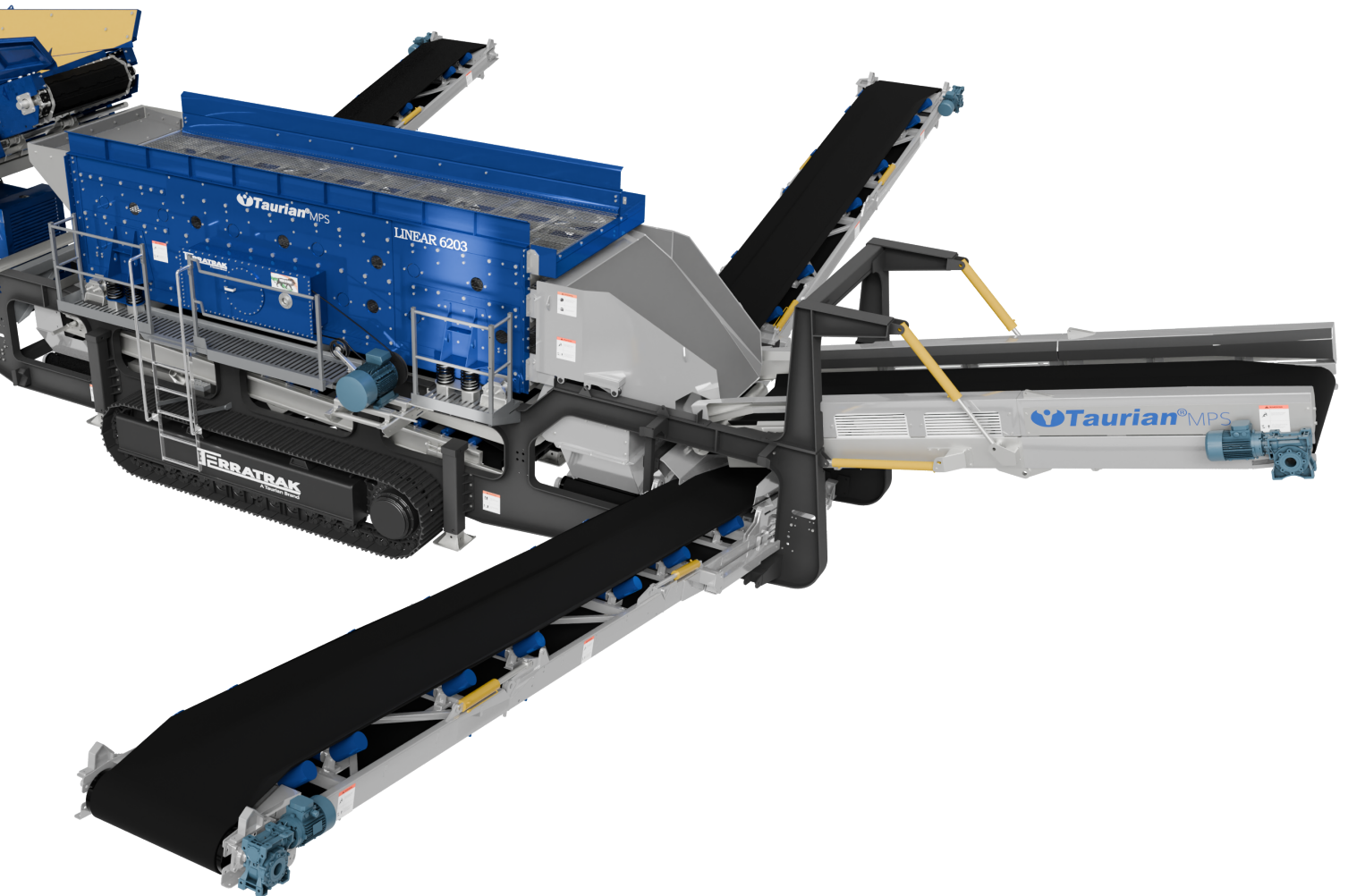


Taurian®MPS

FERRATRAK

A Taurian Brand



TRACK MOUNTED HORIZONTAL SCREEN
HYBRID



20 Years of Experience

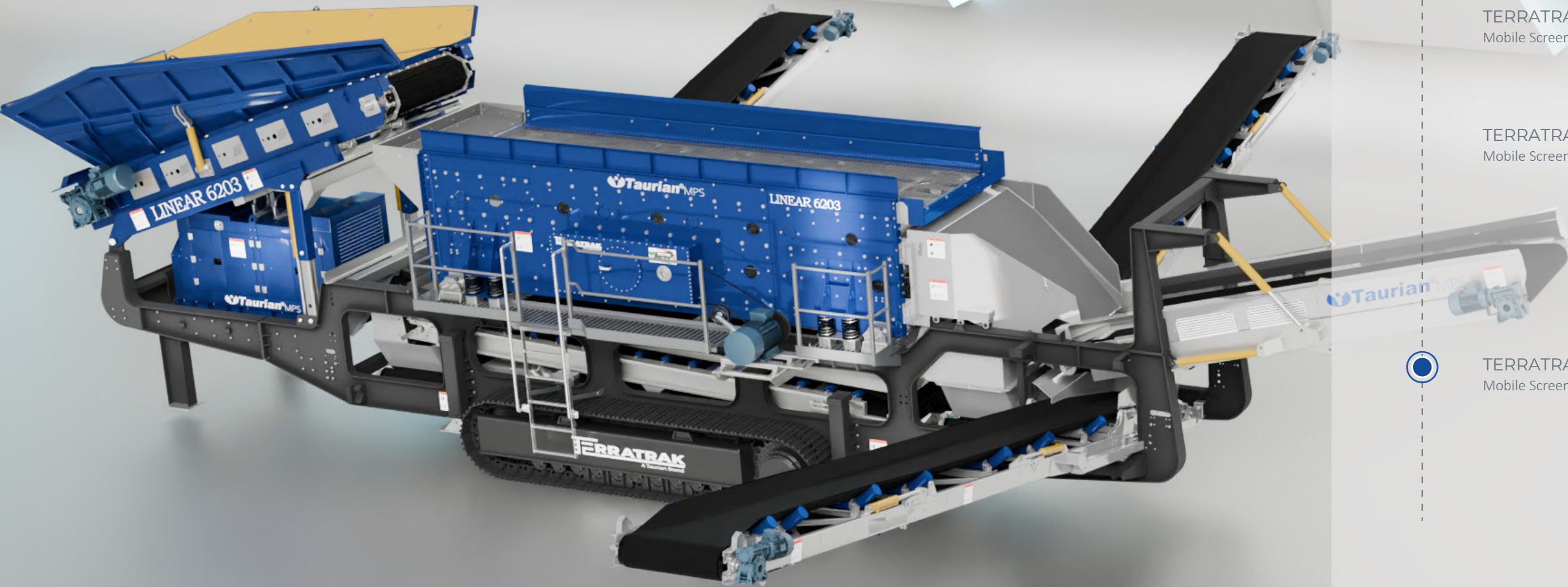
Start to Success, Together

With over 20 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™.

Introducing Taurian's Track-Mounted Horizontal Screen—a powerhouse of mobility and precision engineered for high-performance material separation. Designed to excel in demanding mining, aggregate, and recycling environments, this rugged unit combines efficient stroke mechanics with fast on-site deployment. Its horizontal configuration ensures accurate screening and consistent output, even under tough operating conditions. With a reputation for reliability and productivity, Taurian's solution stands out as a game-changer for operations seeking flexibility without compromising on performance.



The Taurian MPS - Track Product Range

TERRATRAK JAW
Mobile Jaw Crushers

TERRATRAK CONE
Mobile Cone Crushers

TERRATRAK IMPACTOR
Mobile HSI

TERRATRAK INCLINED SCREEN
Mobile Screening Systems

TERRATRAK SCALPER SCREEN
Mobile Screening Systems



TERRATRAK HORIZONTAL SCREEN
Mobile Screening Systems

Hopper / Feeder:

- Capacity: 8.2m³ (10.72 cu. yd.)
- Hydraulic folding hopper sides
- Wear resistant steel on hopper sides

Side Conveyor (Finesize)

- Width: 900mm (36")
- Discharge height: 4.3m (14'2")
- Variable speed control

Feeder Conveyor

- Width: 1300mm (51")
- Twin, direct drive gearboxes
- Variable speed control,

Screenbox:

- Screenbox
- 3 Deck horizontal screenbox
- Size: 6.1m x 1.93m (20' x 6'3")
- Triple shaft technology
- Adjustable stroke & stroke angle

Tail Conveyor (Oversize)

- Width: 1400mm (55")
- Discharge height: 4m (13'1")
- Variable speed control
- Angle adjustable

Side Conveyor (Mid Finesize)

- Width: 900mm (36")
- Discharge height: 4.4m (14'5")
- Variable speed control
- Hydraulic folding

Track

- Width: 500mm (19.7")

Power Unit

- Tracks
- Tier 3/Stage 3A:
- CAT C7.1 LRC 151kw (202hp)
- Tier 4F/Stage 4:
- CAT C7.1 151kW (202hp)
- Fuel tank capacity: 597L (158 US Gal)

Side Conveyor (Mid Oversize)

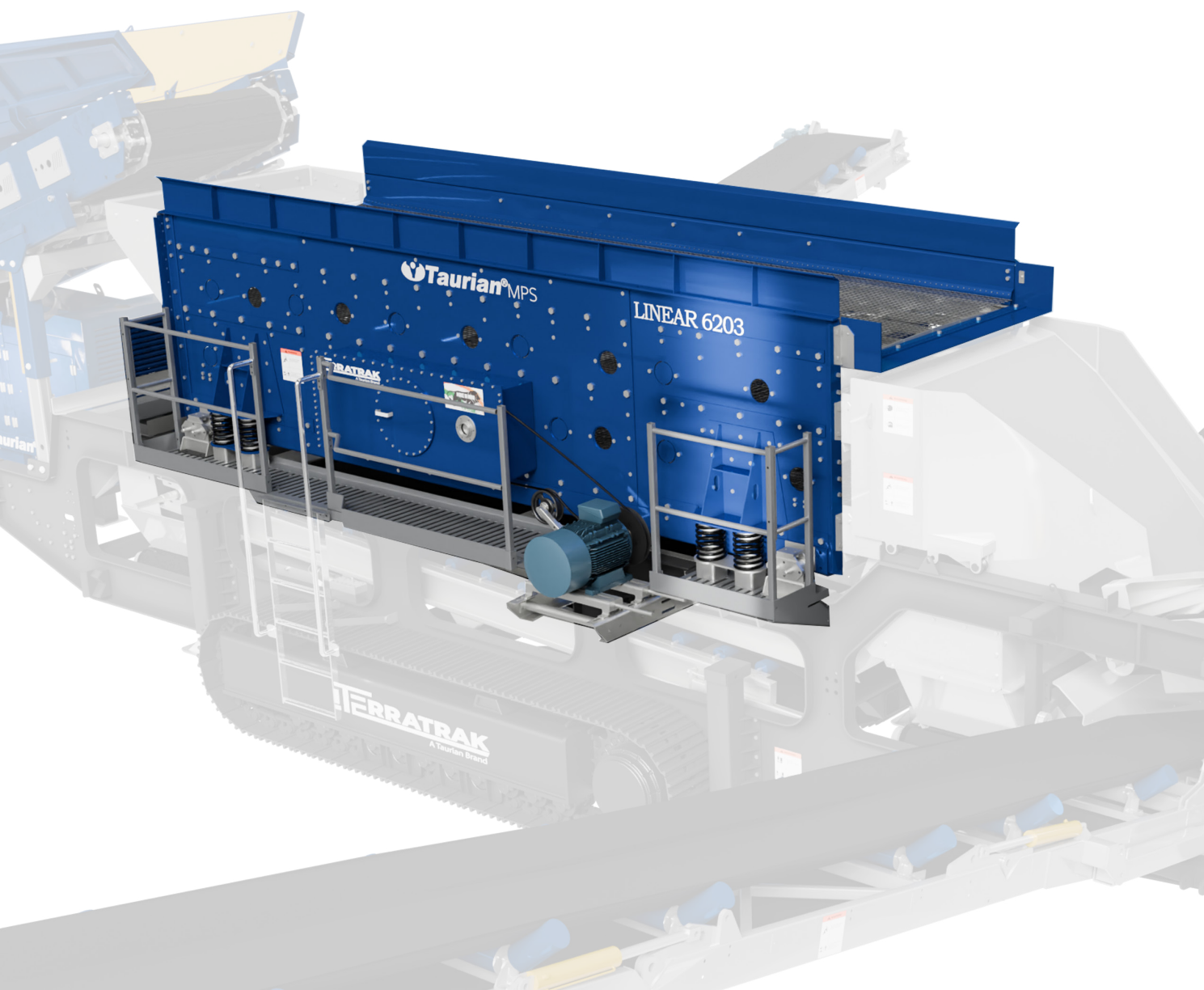
- Width: 900mm (36")
- Discharge height: 4.4m (14'5")
- Hydraulic folding
- Variable speed control

Output Potential

Up to 800tph (882 US tph)*

The Powerful Horizontal Screen

Featuring a triple-shaft mechanism and elliptical motion, Taurian horizontal screens deliver consistent material stratification and high screening efficiency. Ideal for mining, aggregates, and industrial minerals, these screens ensure low operational stress and extended equipment life. Their rugged construction, modular decks, and ease of maintenance make them a reliable solution for fine to medium separation. Perfect for static, wheeled, or track-mounted configurations in modern crushing circuits.



Hopper

Target area: 5.23m (17') long x 2.7m (8' 10") wide
Hopper capacity: 8.2m³ (10.72 cu. yd.)

Feed in height: 3.4m (11' 2") (rear door lowered)
Feed in height: 3.75m (12' 3") (rear door raised)

Hydraulic folding hopper sides
Wear resistant steel on hopper sides



Incline Apron Feeder

1300mm (51") wide
Wear resistant feed apron
Direct drive system with single gearbox
Variable speed control
4.3m (14' 1") apron centres
c/w 4.2m tracks



Power unit & Hydraulics



Engine:
Tier 3 / Stage 3A- CAT C7.1 LRC- 6 cylinder engine

Performance:
151 kW (202hp) @ 2200rpm

Tank Capacities:
Fuel: 597 L (158 US Gal)
Hydraulic Oil: 780 L (206 US Gal)

Pumps:
Flywheel: Cast iron 63/63/33/33cc/rev quad
PTO pump: Cast iron 29/29cc/rev tandem

Motors:
Belt feeder: 125cc/rev x 2
Under screen conveyor: 630cc/rev
Fines size conveyor: 500cc/rev
Upper mid size conveyor: 500cc/rev
Lower mid size conveyor: 500cc/rev
Oversize conveyor: 800cc/rev
Screen: 93cc/rev bent axis

Optional apron feeder: 400cc/rev

Optional Diesel Engine:
Tier 4f / Stage IV CAT C7.1 6 cylinder engine developing
151kW (202hp) @ 2200rpm

Screenbox

6.1m x 1.93m (20' x 6' 3")
3 deck triple shaft horizontal screenbox
Oval stroke adjustable up to maximum of 19mm
Oval stroke angle adjustable from 30°- 60°

Breaker-box with wear resistant steel replaceable wearplate
Hi-torque screen motor mounted direct to Screenbox, pulley driven
Marshmallow springs
Wear plates on pipeunits

Side tensioned all decks
Quick release wedge tensioning system
(optional depending on screen media)

Roll-in chute system

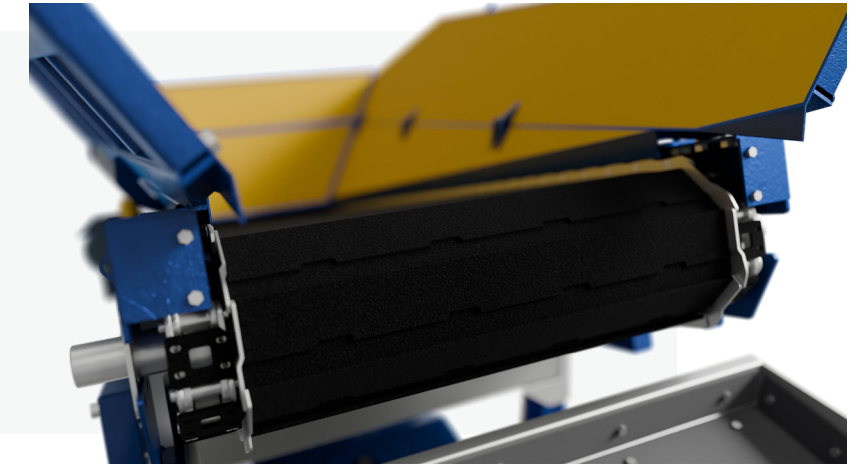


Belt Feeder



Terratrak Data

Track width: 500mm
Gradability degrees: 26°
Two Speed Tracks: High 1.1kph (0.68 mph)
Low: 0.55kph (0.34 mph)
Output Torque: 46,000 Nm
Flow rate: 134 Lpm



1300mm (51") 4 ply plain belt
Direct drive system with twin direct gearboxes
Variable speed control
Impact bars and 'extra heavy' duty rollers fitted beneath belt

4.36m (14' 2") drum centres
375mm (15") drum diameter (drive)
320mm (13") drum diameter (tail)

Linear 6203 Conveyors

Seamless Transfer. Steady Flow. Zero Compromise.

Oversize - Tail Conveyor

1400mm (55") 4 ply plain belt
10°- 25° angle adjustment
4.0m (13' 1") stockpile height (measured to drum crown)
95m³ (124 cu. yd.) stockpile capacity

Direct drive system
Variable speed control
Impact bars
Conveyor slide out system to aid screen mesh changing

5.15m (16' 10") drum centres
280mm (11") drum diameter (drive)
203mm (8") drum diameter (tail)

Finesize - Side Conveyor

900mm (36") 3 ply plain belt
14°- 25° angle adjustment
4.3m (14' 2") stockpile height (measured to drum crown)
119m³ (156 cu. yd.) stockpile capacity

Hydraulically folding
Impact bars under feed boot
Direct drive system
Variable speed control

9.5m (31' 2") drum centres
280mm (11") drum diameter (drive)
203mm (8") drum diameter (tail)

Mid-finesize & Mid-oversize Side Conveyors

900mm (36") 3 ply plain belt
14°- 25° angle adjustment
4.4m (14' 5") stockpile height (measured to drum crown)
126m³ (166 cu. yd.) stockpile capacity

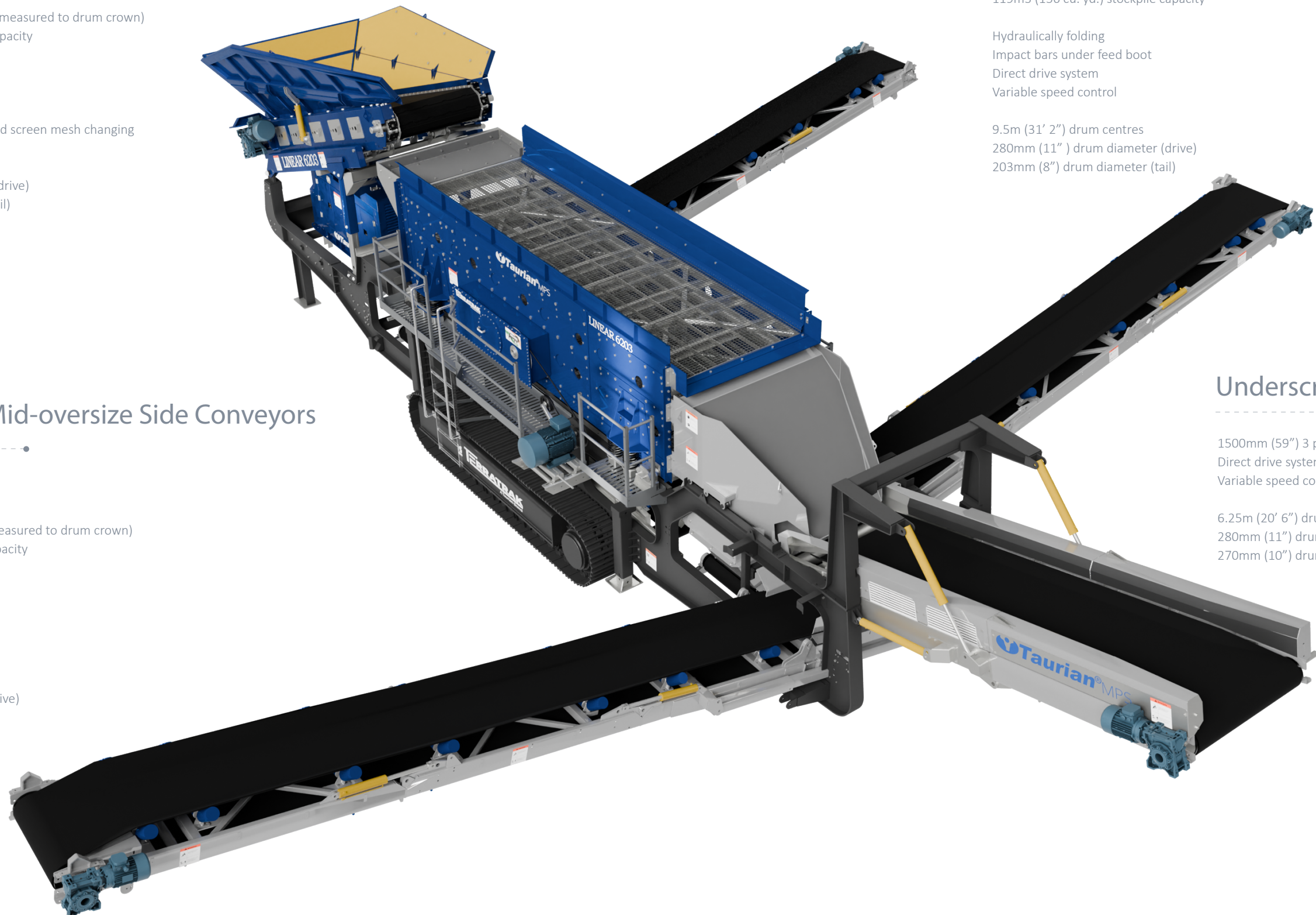
Hydraulically folding
Impact bars under feedboot
Direct drive system
Variable speed control

8.92m (29' 3") drum centres
280mm (11") drum diameter (drive)
203mm (8") drum diameter (tail)

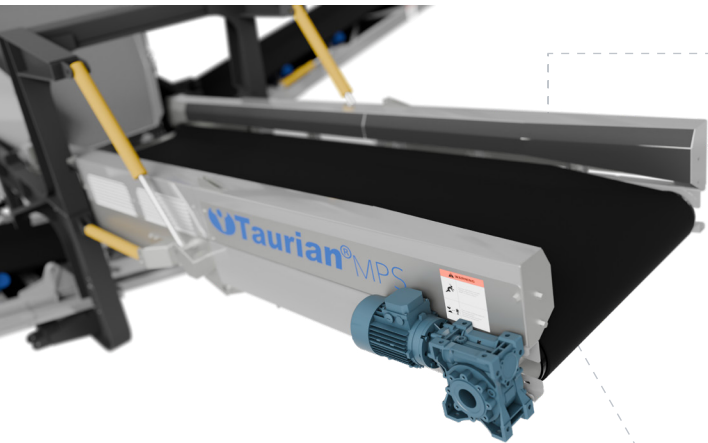
Underscreen Conveyor

1500mm (59") 3 ply plain belt
Direct drive system
Variable speed control

6.25m (20' 6") drum centres
280mm (11") drum diameter (drive)
270mm (10") drum diameter (tail)

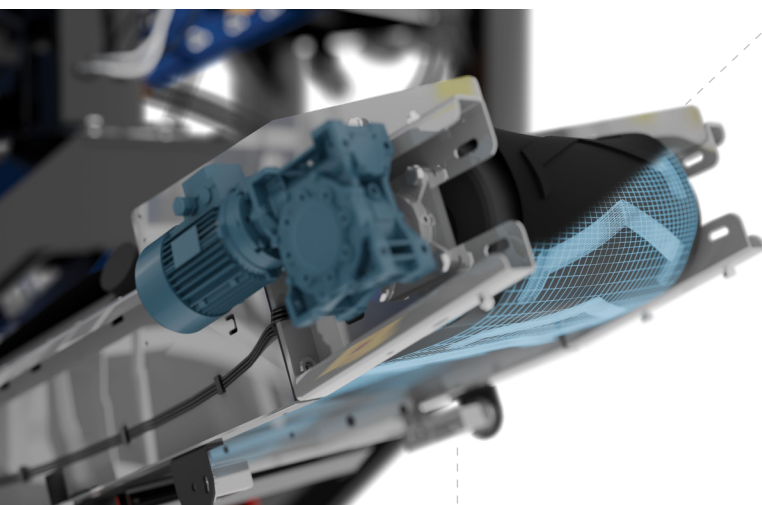


Versatile Discharge Conveyor for Efficient Material Handling



The Taurian Terratrak™ fines conveyor is built for high-capacity material handling, featuring a 1400mm-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 3 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.

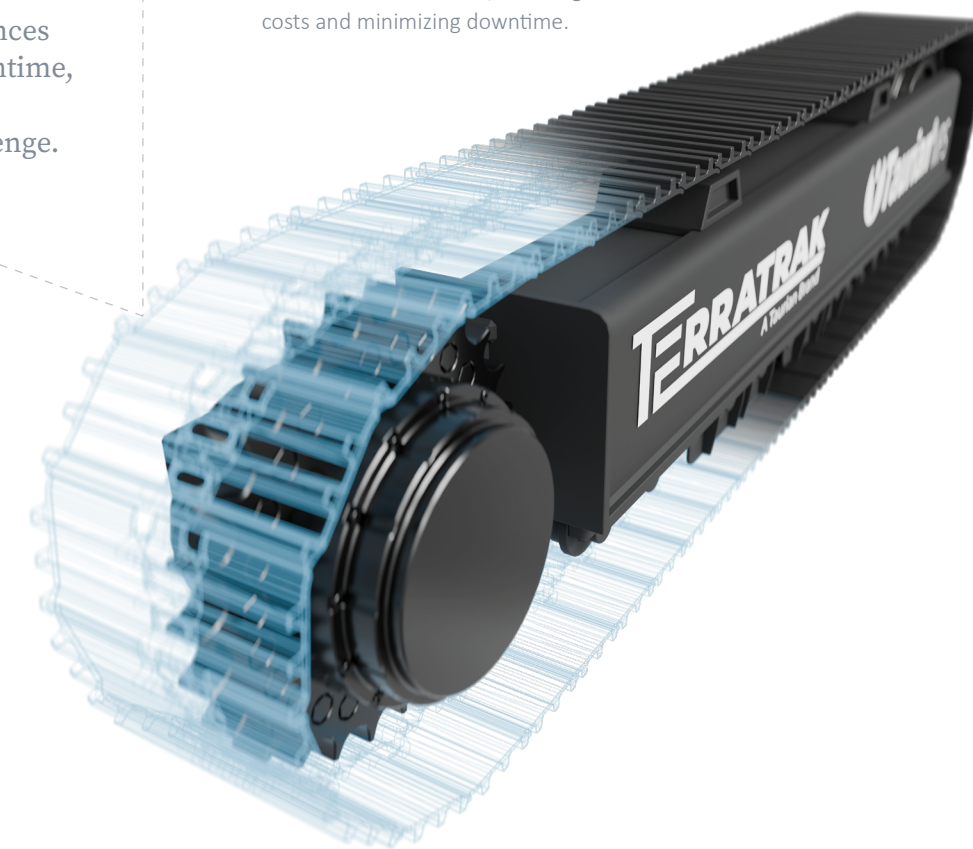
The conveyor offers discharge heights of up to 2.5m, ensuring efficient stockpiling or transfer to secondary processing units. The conveyor allows a stockpile capacity of up to 18.1m³ for ease of operation.

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

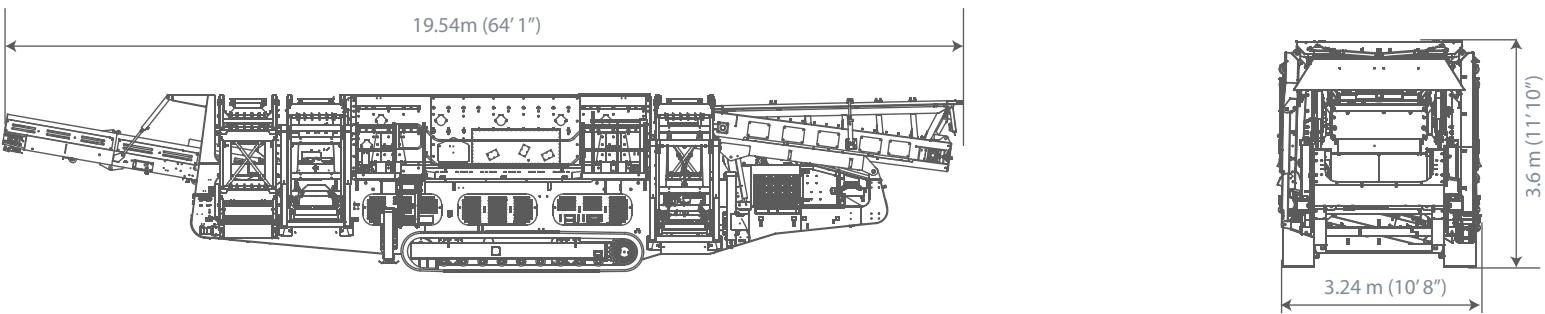
Easy Transport & Fast Deployment

Designed to tackle a wide range of materials, from wet fines to dry aggregates, its triple-shaft elliptical motion ensures high efficiency and material stratification across all applications.

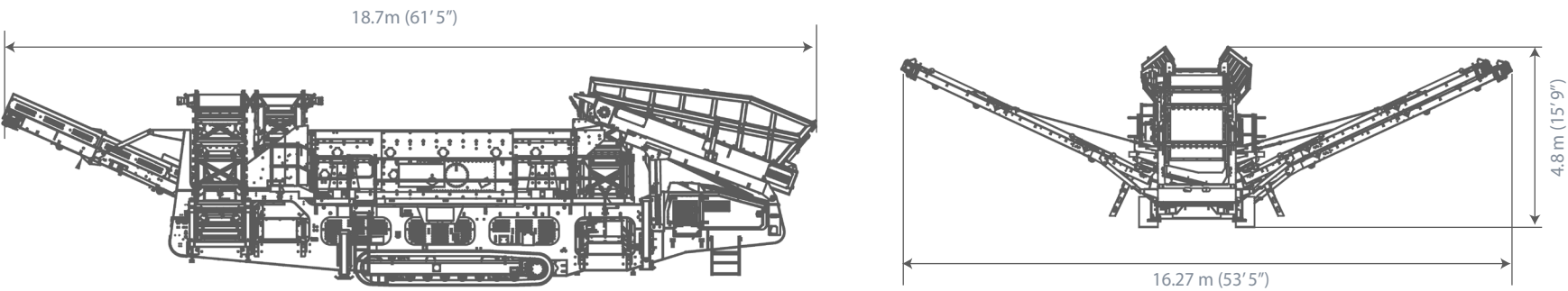
What sets the Terratrak apart is its movement-oriented design: fully mobile and track-mounted, it offers seamless relocation across job sites without compromising output or stability.

Engineered for the toughest conditions, the Terratrak Horizontal Screen can be deployed as a standalone screening unit or as part of a complete crushing and screening setup. Its rugged structure absorbs the rigors of operation, while hydraulic controls and quick setup features enable rapid transitions between projects. Whether you're working in mining, quarrying, recycling, or infrastructure, this screen adapts to your flow requirements and terrain, minimizing downtime and maximizing flexibility.

Transport Dimensions



Working Dimensions



3.6m (11' 10")

Transport height approx.
(default value)

3.24m (10' 8")

Transport width approx.

46,700kg (102,956lbs)

Transport weight of basic
(plant approx.)

19.54m (64' 1")

Transport length approx.

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