

STACKMAX

A Taurian Brand





TELESCOPIC RADIAL CONVEYOR



MOBISTACK



HORIZONTAL INDEX CONVEYOR



POWERSTACK



HOPPERSTACK



JUMPSTACK

STACKMAX

Telescopic Radial Conveyor



Automation System

Designed in-house with clean, easy to understand interface.



Undercarriage

Provides maximum undercarriage support for safety and lateral stability.



Load Rollers

Each roller equally shares weight of stinger conveyor.



Rock Box Radial Hopper

Designed for rock-on-rock wear with internal ledge.



Slidetrack System

Cable support system designed with no catch points and easy maintenance.



Return Trainer Belt

Constantly guides and centers belt.



Tensioning Belt Cleaner

Eliminates unwanted fugitive material on belt.



Pulley System

Ejects fugitive material for longer lasting pulleys and belting.



Outputs

Handles both dry and wet feed
Can remove fines below 75 microns



Ultrasonic Pile Sensor

Contact Free Sensor is not affected by dust



Stinger Safety Stop

Activates in event of cable failure to maintain position of stinger.



Operating Specification

| Model | TRC35 | TRC40 | TRC45 | TRC50 |
|----------------------------------------|--------|-------|-------|-------|
| Conveyor length (A) | 35 m | 40 m | 45 m | 52 m |
| Highest extended discharge height (B) | 13 m | 14 m | 16 m | 18 m |
| Lowest extended discharge height (C) | 4.1 m | 4.3 m | 4.8 m | 4.5 m |
| Highest retracted discharge height (D) | 7.8 m | 8 m | 9.5 m | 11 m |
| Lowest retracted discharge height (E) | 2.9 m | 2.9 m | 3.2 m | 3.2 m |
| Anchor pivot to center of axle (F) | 13.5 m | 15 m | 17 m | 23 m |



MP | Telescopic Radial Conveyor



Telescopic Radial Conveyor



STACKMAX

Conveyor

Conveyor length 20m
 Belt width 1050mm
 Conveyor drive hydraulic
 Discharge height @24° 8.7m
 Max discharge height @28° 10m
 Capacity Up to 400TPH

Hopper

Rubber pads to reduce impact
 Vast range for flexibility

Dual Speed Track

0.9 km/h to 1.6 km/h
 Quick deployment
 Energy efficiency on site

Power Unit

Diesel Hydraulic
 Fuel tank vol. 200L
 Standard hydraulic oil cooler



Operating Specification

| Model | TC 2090 | TC 2490 |
|-------------------------------------|---------------------|---------------------|
| Conveyor length | 21.8 m | 24 m |
| Discharge height @20° | 10.02 m | 10.8 m |
| Belt width | 900 mm | 900 mm |
| Stockpile volume | 1555 m ³ | 2085 m ³ |
| Stockpile mass @1.6t/m ³ | 2500000 | 3340000 |

Self Aligning Scraper

Maintains belt tension.
Prevents spillage and ensures
continuous performance.

Hydraulic Adjustment

Easy plant integration
Variable feed height reduces impact



Uttarakhand | Mobistack



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Horizontal Index Conveyor (HIC)

Automation

Touchscreen for belt operation, speed control, and alarm monitoring.
Sensors for belt misalignment, block-up, and emergency stops.
Integrated engine/motor diagnostics for real-time status checks.

Core Function

100–300+ TPH, influenced by material type
Conveyor length from 40-100+ ft
Variable belt speed via VFD (0-2 m/s)
Incremental movement for precise stockpiling

Indexing

Stop-and-go or creep function for stockpiling.
PLC-driven controls with user-friendly interfaces
optional remote/telemetry

Mobility

Can be track-mounted, wheeled, or stationary.
Adjustable discharge heights or add-on hoppers
for site-specific requirements.

Belts and Idlers

Standard belt width of 24 inches (600mm)
multi-ply rubber (abrasion-resistant)
Troughing idlers and return rollers to center
Impact idlers for shock absorption

Applications

Mining/Quarrying – Stockpiling aggregates, ore, or overburden in layers.
Ports & Terminals – Loading/unloading of barges or ships
Construction – bulk handling of building materials or demolition debris.
Power Plants – Feeds biomass, coal, or other fuels into boilers or silos.
Industrial Bulk Handling –steel mills, grain terminals for horizontal transfer



Operating Specification

| Model | HIC 24 | HIC 30 |
|------------------------------------|--------|--------|
| Conveyor length (A) | 24 m | 30 m |
| Conveyer height (B) | 5 m | 5 m |
| Discharge height from conveyer (C) | 4.2 m | 4.2 m |
| Discharge height from hood (D) | 2.2 m | 2.2 m |
| Conveyer length with hood (E) | 26 m | 32 m |



Rajasthan | Horizontal Index Conveyor



Horizontal Index Conveyor



STACKMAX

Powerstack

- Hydraulic Powerfold**
Inverted design protects cylinder rods from debris during operation.
- Belt Retainer**
Protects conveyor and integrity of belting during folding/unfolding.
- Tow Eye**
Adjustable pintle style hitch provides the most secure coupling
- V-Plow**
Shields tail pulley from onslaught of damaging fugitive material.
- Axle**
Hydraulically transfers stacker from inline to radial mode in seconds.
- Eco Idlers**
Trusted seal design provides shields bearing from fugitive material.
- Enclosed Power Travel**
Enclosed drive protected from debris.
- Hydraulic Control Center**
Quickly raise, lower, fold and unfold conveyor.
- Pulley System**
Ejects fugitive material for longer lasting pulleys and belting.
- Radial Receiving Hopper**
Bolt on design includes adjustable flashing in gathering trough



Operating Specification

| Model | Power 29 | Power 34 | Power 38 | Power 46 |
|------------------------------------|----------|----------|----------|----------|
| Conveyor length | 29 m | 33.5 m | 38.1 m | 45.7 m |
| Conveyor ground length | 26.9 m | 31.1 m | 36.2 m | 42.8 m |
| Raised height to center of pulley | 9.8 m | 11.1 m | 12.6 m | 14.6 m |
| Lowered height to center of pulley | 4.2 m | 5.2 m | 5.4 m | 4.6 m |
| Anchor pivot to center of axle | 14.5 m | 17.2 m | 18.3 m | 24.1 m |



Powerstack



Uttarakhand | Powerstack

STACKMAX

Hopperstack

Tipping Hopper

Hopper capacity is 15m³. The belt width is 1200mm with a 3-ply belt. Impact rollers are 130mm. It includes a fall break system integrated, hydraulic adjusting jacking legs, and a twin drive for the feeder.

Hydraulic Components

Folding head section and folding tail section. The height is adjustable using a piston. A pressure sensor to reduce blockage is optionally available.

FB Undercarriage

Maximum undercarriage length is 4500mm. Heavy-duty track shoes are 400mm wide.

Discharge Conveyor

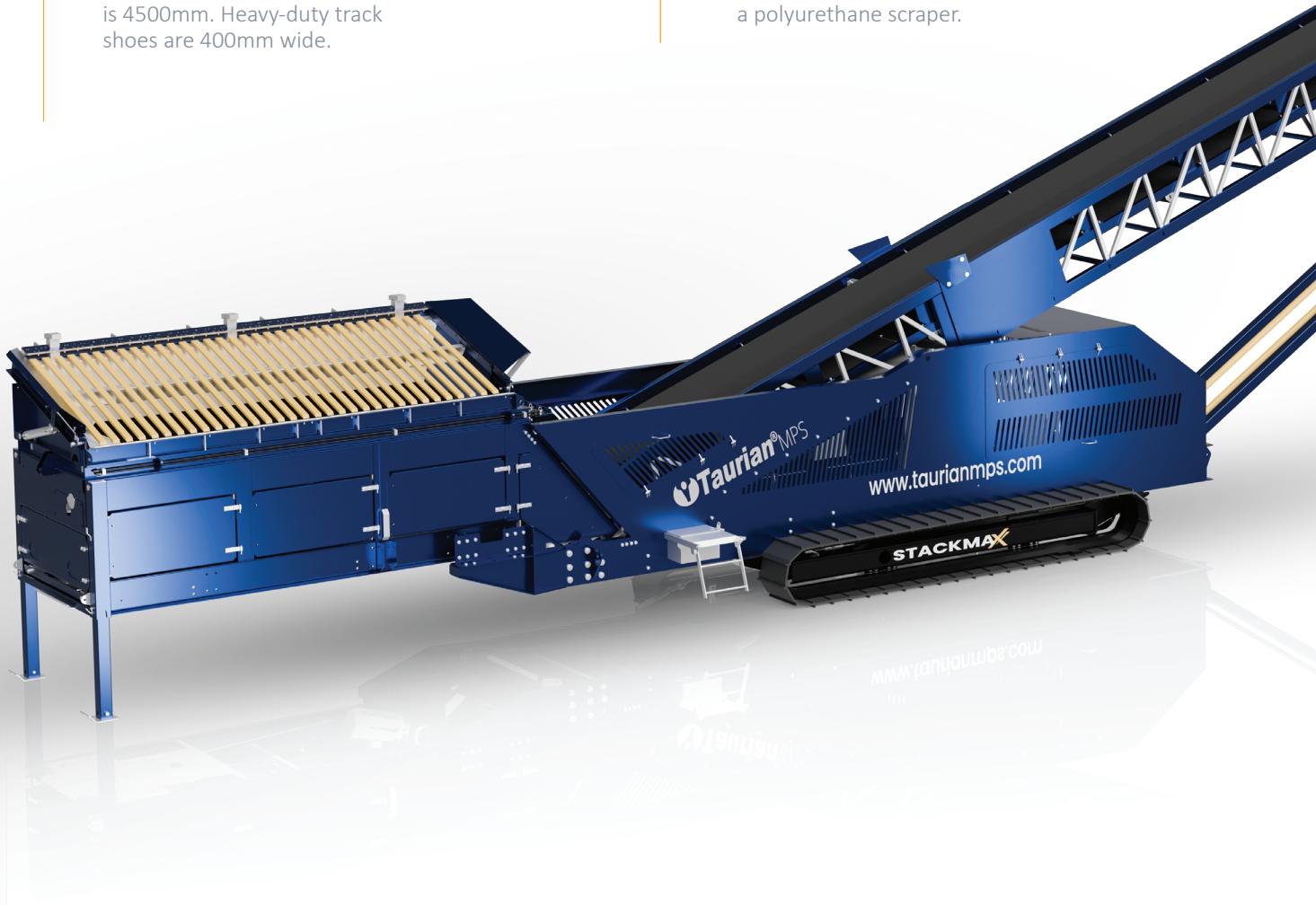
Conveyor length: 28m
Belt width is 1200mm with a 5-ply belt.
Maximum working angle is 24°.
The maximum discharge height is 9.5m.

Power Configuration

Powered by a 100kW engine.

Head Drum Components

Twin drive mechanism with a polyurethane scraper.





Operating Specification

| Model | Hopper40 | Hopper45 | Hopper50 |
|--------------------------------|----------|----------|----------|
| Maximum pile height | 13.5 m | 15.2 m | 19.3 m |
| Lowered stockpile height | 3.4 m | 3.9 m | 4.2 m |
| Anchor pivot to center of pile | 35.4 m | 40.9 m | 53.7 m |

STACKMAX

Jumpstack



Radial Receiving Hopper

Designed for smooth, controlled loading, minimizing spillage and ensuring consistent feed to the conveyor.



Discharge Support

Provides stable discharge height, aligning seamlessly with downstream equipment for efficient transfer.



Belt Scale

Enables real-time monitoring of material flow, helping operators track productivity and optimize operations.



Heavy-Duty Structure

Built to handle heavy loads, reduce shock, and extend belt and structural life.

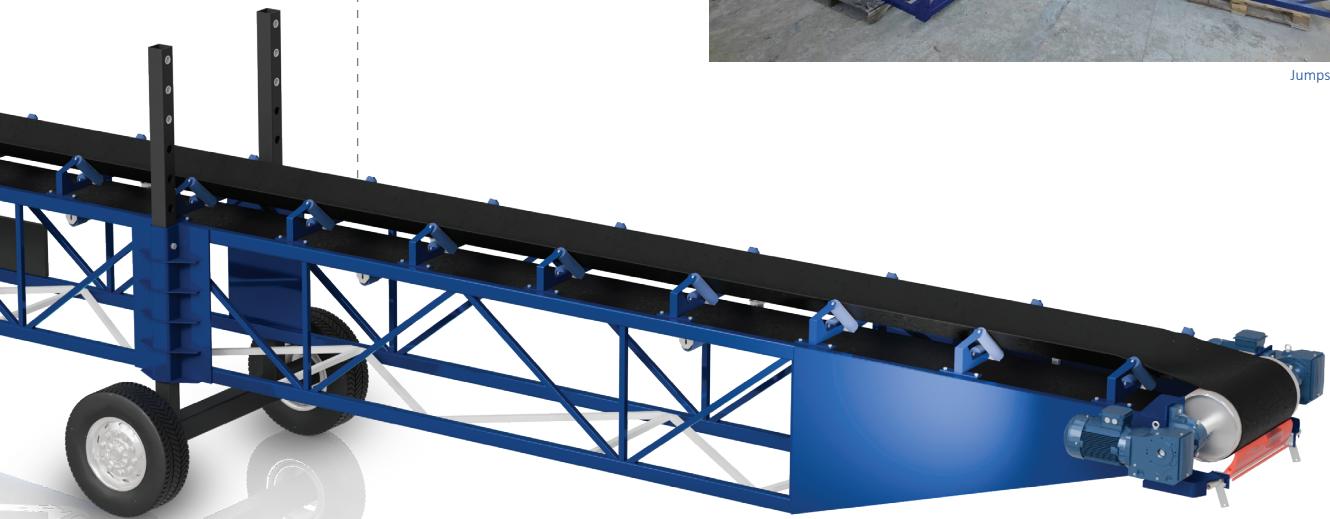


Operating Specification

| Model | Jump 12 | Jump 15 | Jump 18 | Jump 24 | Jump 30 |
|---------------------------------------|---------|---------|---------|---------|---------|
| Conveyor length (A) | 12.1 m | 15.2 m | 18.2 m | 24.4 m | 30.5 m |
| Conveyor ground length (B) | 12.2 m | 14 m | 15 m | 22 m | 28.9 m |
| Raised height to center of pulley (C) | 3.5 m | 3.7 m | 4.1 m | 3.7 m | 3.6 m |
| Lowered height to center of pulley | 2.2 m | 2.3 m | 2.1 m | 2.0 m | 2.3 m |



Jumpstack | USA



Precision. Power. Performance





CYCLOWASH | MAHARASHTRA



CG CONE | RAJASTHAN





JABALPUR | MP

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