

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.

Operating Specification

Model	TRC 35	TRC 40	TRC 45	TRC 50
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

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.



MP | Telescopic Radial Conveyor



Telescopic Radial Conveyor

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

Self Aligning Scrapper

Maintains belt tension.
Prevents spillage and ensures
continuous performance.

Hydraulic Adjustment

Easy plant integration
Variable feed height reduces impact

Operating Specification

Model	TC 2090	TC 2490
Conveyor length	21.8 m	24 m
Discharge height @20°	8 m	9 m
Belt width	900 mm	900 mm
Stockpile volume	1555 m³	2085 m³
Stockpile mass @1.6t/m³	2500000	3340000



STACKMAX

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
Conveyor height (B)	5 m	5 m
Discharge height from conveyor (C)	4.2 m	4.2 m
Discharge height from hood (D)	2.2 m	2.2 m
Conveyor length with hood (E)	26 m	32 m



Rajasthan | Horizontal Index Conveyor



Horizontal Index Conveyor



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.



Hopperstack



Jharkhand | Hopperstack

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

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

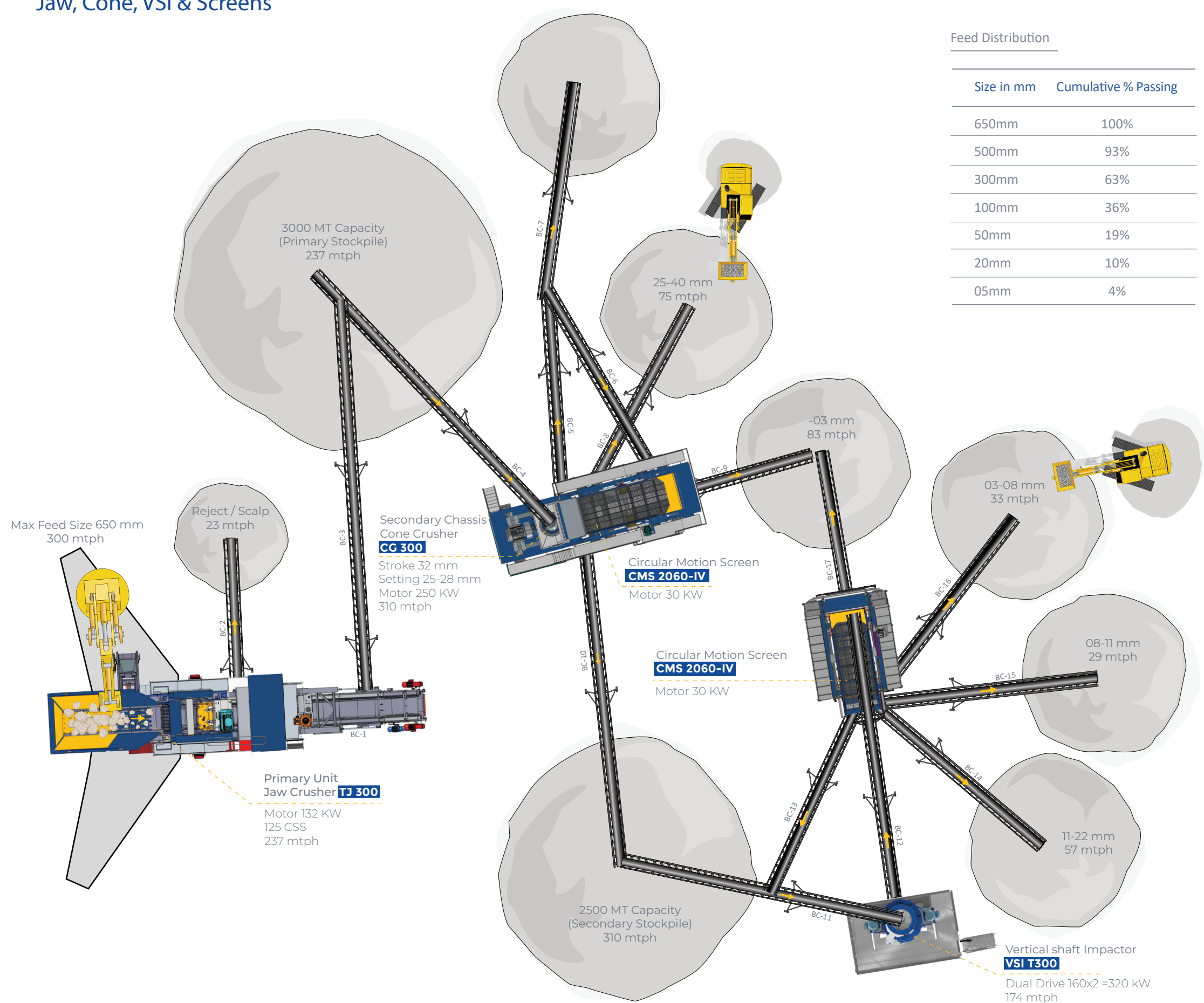


Jumpstack | USA



3 STAGE PLANT LAYOUT

Jaw, Cone, VSI & Screens



Feed Distribution

Size in mm	Cumulative % Passing
650mm	100%
500mm	93%
300mm	63%
100mm	36%
50mm	19%
20mm	10%
05mm	4%

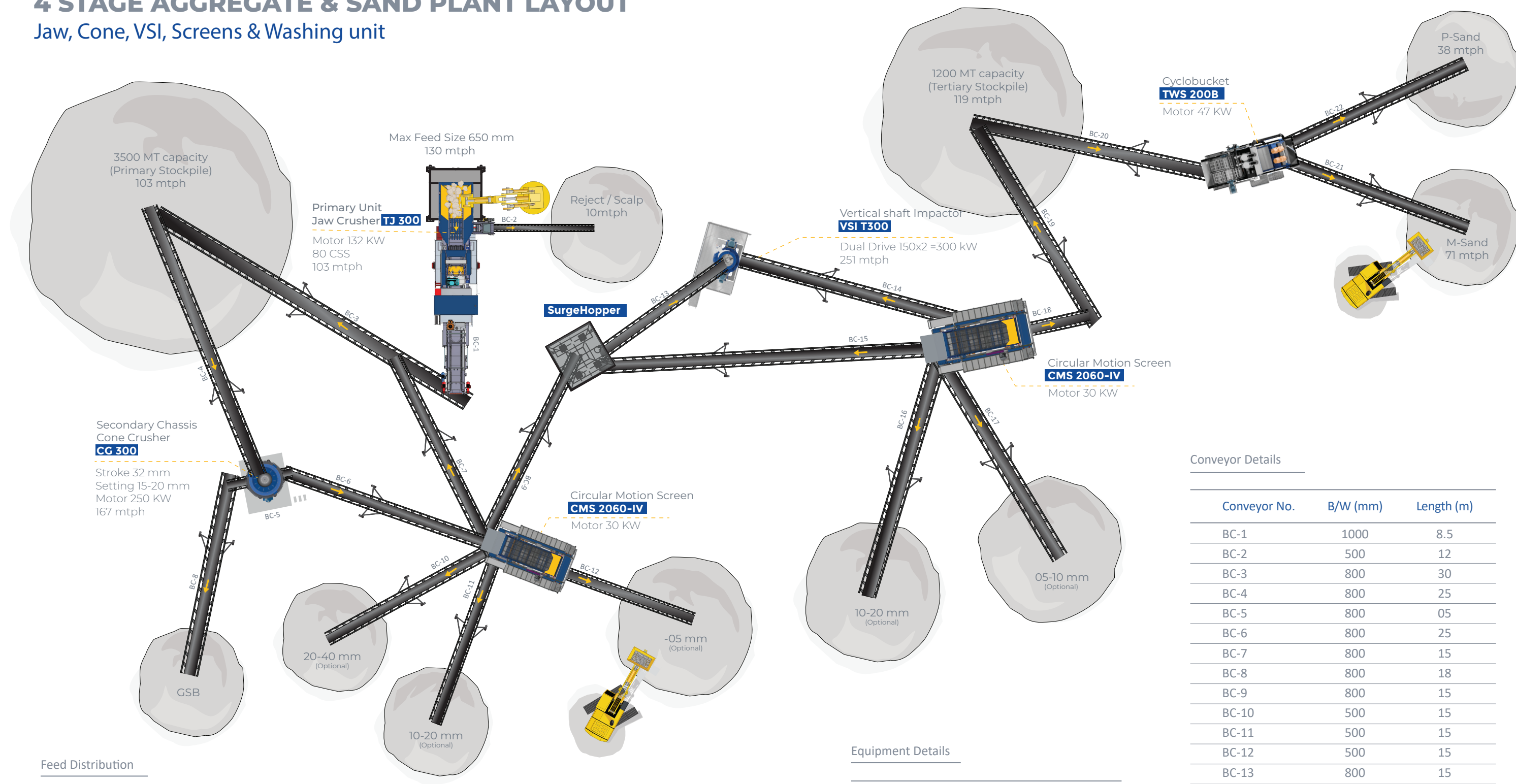
Equipment Details

Description	Power (kW)	Qty
TGF1142	8	1
TJC3245	132	1
CG300	250	1
CMS 2060 3D	22	1
TVSI320	160	2
CMS 2060 4D	30	1
TVF 1020	4	3

Conveyor Details

Coneyor No.	B/W (mm)	Length (m)
BC-1	1000	8
BC-2	500	10
BC-3	800	30
BC-4	800	26
BC-5	800	17
BC-6	800	17
BC-7	800	15
BC-8	500	15
BC-9	500	15
BC-10	800	25
BC-11	800	21
BC-12	800	25
BC-13	800	15
BC-14	500	15
BC-15	500	15
BC-16	500	15
BC-17	500	15

4 STAGE AGGREGATE & SAND PLANT LAYOUT
Jaw, Cone, VSI, Screens & Washing unit



Feed Distribution

Size in mm	Cumulative % Passing
650mm	100%
500mm	93%
300mm	63%
100mm	36%
50mm	19%
20mm	10%
05mm	4%

Equipment Details

Description	Power (kW)	Qty.
TJ 300	132	1
CG 300	250	1
T300	150 x 2	1
CMS 2060 4D	30	2
TWS 200B	47	1
TVF 1225	1.65 x 2	2

Conveyor Details

Conveyor No.	B/W (mm)	Length (m)
BC-1	1000	8.5
BC-2	500	12
BC-3	800	30
BC-4	800	25
BC-5	800	05
BC-6	800	25
BC-7	800	15
BC-8	800	18
BC-9	800	15
BC-10	500	15
BC-11	500	15
BC-12	500	15
BC-13	800	15
BC-14	800	25
BC-15	800	28.4
BC-16	500	18
BC-17	500	18
BC-18	800	12
BC-19	500	18
BC-20	800	18
BC-21	500	15
BC-22	500	15



2 STAGE PLANT | UP



THICKENER | RJ

Precision. Power. Performance



JABALPUR | MP

Taurian MPS reserves the right to make changes in specifications and other information contained in this publication without prior notice and the reader/ customer should in all cases consult Taurian MPS to determine whether any such changes have been made. This publication may / may not be reproduced and is intended for the exclusive use of Taurian MPS customer. Please note all technical specifications are indicative and may vary based on material, design modifications, or location-specific requirements.

No statement contained in this publication, including statements regarding capacity, suitability, or performance of products, shall be considered a warranty by Taurian MPS for any purpose or give rise to any liability of Taurian MPS.

Taurian MPS©2026. All rights reserved.

[illegible][illegible]

When only the best will do,
choose Taurian MPS.



**TAURIAN MPS
HEADQUARTER**

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 86790 22057

