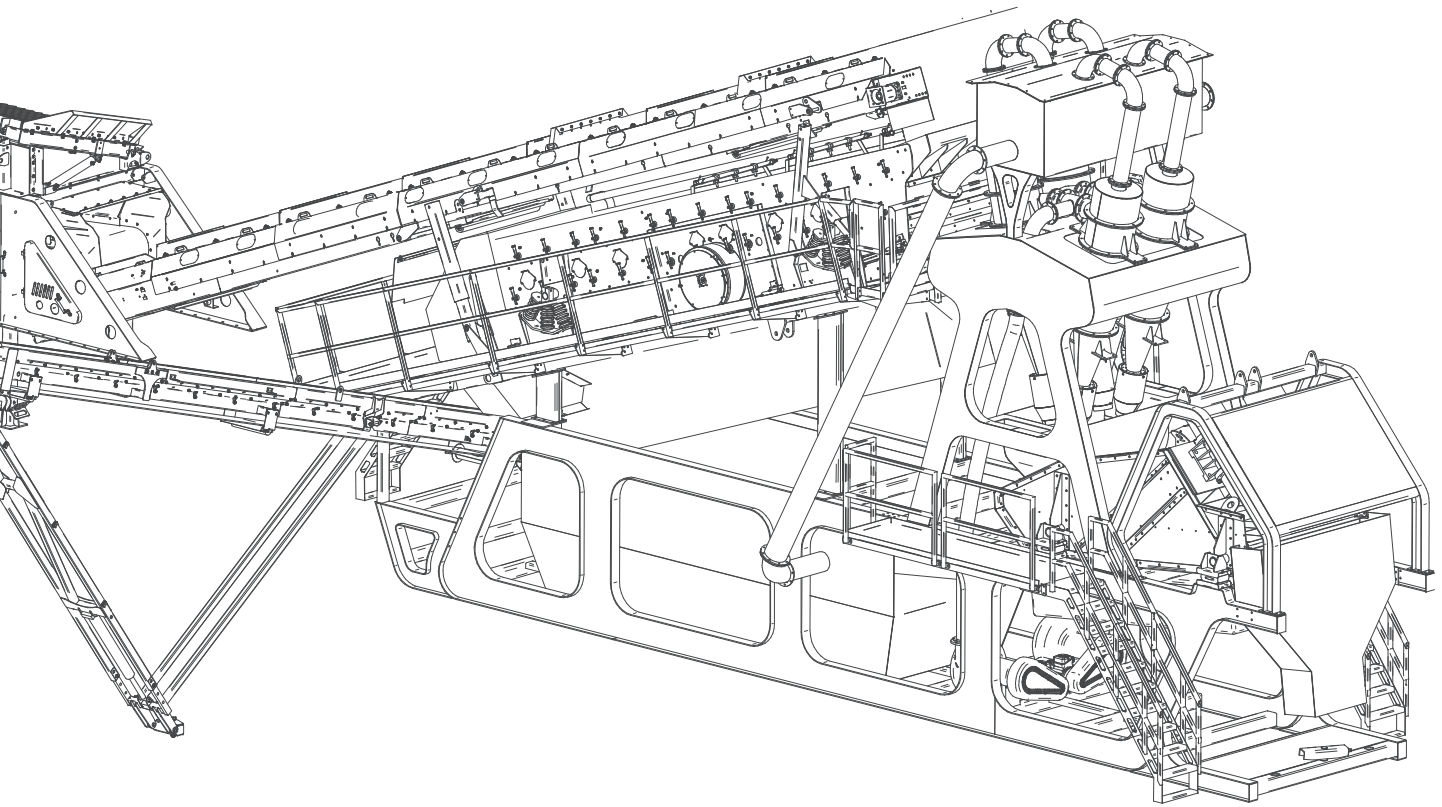


CYCL^{WASH}

A Taurian Brand



FRAC
WASHING SYSTEMS



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™.

Designed for Maximum Productivity

Slurry Box

Fully enclosed, sealed and rubber lined wash box.
Easily replaceable rubber lining.
Water saturation of material.
Targeting of material at rear of screenbox maximising screening area.

Rinser Screenbox

Choice of 2-deck or 3-deck
Patented iso-spray technology for flexibility
Integrated sealed subframe and catchbox
Aggregate blending chute

Dewatering Screen

Dual and single sand options up to 200TPH
High frequency dewatering screen delivering superior moisture reduction

Sand Conveyors

37ft (11.3m) sand conveyors
Automated Radial
20° incline
Stockpile capacity 575yds³ (440m³)
High quality polyurethane scraper
100ft (30.5m) conveyor option

Pumps

All pumps have replaceable rubber liners for extended wear life
Roll-out pump feature for easy maintenance

Hydrocyclones

Customizable configuration or unrivaled cut point control
100% rubber lined
Replaceable drop in liners

Main Conveyor

41 inch (1050mm) wide belt
Galvanised undercarriage
Overband magnet option for removing ferrous materials in recycling operations

Feed/Hopper

Adjustable door for inspection
Large capacity hopper 12m³
Radio controlled Tipping grid
Vibrating grid option
Variable speed belt feeder

Aggregate Conveyors

37ft (11.3m) aggregate conveyors
Positioned to the left or right
18 degree incline
Stockpile capacity 125yd (95m³)
High quality polyurethane scraper
Galvanised undercarriage

Walkways

Galvanised walkways
30 inch (760mm) wide walkway

Main Tank

Large inspection door(s) on tank
Large volume sump tank with overflow box, baffle plates, pump protection system and drain ports



Features

Aggregate Screen



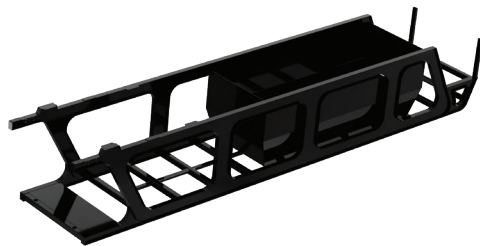
- Frac 225- 20’ x 6’ (6m x 1.8m) Screen
- 2-deck or 3-deck screen box option
- Mesh deck as standard, polyurethane modular decks as option
- Electrically driven
- Optimum 18° working angle
- Independently controlled isolated spray bars: 10 top deck, 10 middle deck, 8 bottom deck, complete with fan tail plastic nozzles
- Enclosed rubber lined wash box complete with independently controlled spray bar
- Lined rolling chute arrangement complete with blending capabilities
- Rubber lined catch box (complete with 1/3-2/3 rubber lined division plate for dual sand models)
- Rubber lined discharge chutes
- HMI Pressure sensor on water manifold

Sand Plant



- FRAC 225- High frequency 4.3m x 1.8m (14’ x 6’)
- dewatering screen- dewatering up to 200TPH of sand
- Polyurethane modules and side protection bars
- Moulded central division plate (double-grade only)
- Catch box for screen underflow
- Quad cyclones with drop in replaceable liners
- Rubber or ceramic lined inlet bends
- Rubber-lined underflow boxes- c/w quick release lids
- Rubber-lined blending box- c/w quick release lids (double-grade only)
- Polyethylene wear lining in discharge chute
- Adjustable discharge blending chute – double grade only
- Electrical monitoring of cyclone inlet pressure

Centre Chassis



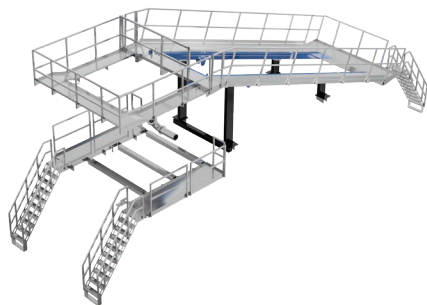
- Heavy duty, modular web and flange chassis
- Rubber lined slurry pump(s) situated upon roll out maintenance platforms
- Rubber or ceramic lined bends
- Water connection
- Large volume self regulating sump tank
- Split tank for double grade (double grade only)
- Large inspection doors (both sides on double
- Tank drain (both sides on double grade)
- Anti-turbulence baffle plate
- Replaceable rubber lined wear plates on feed area
- Plant wash-down hose on retractable reel (option)

Hydrocyclone



- Application specific sizes for Coarse and fine sands
- Spigot discharge
- All wear areas rubber lined
- Underflow collection box with blending options in 2 grade applications
- Pressure flange with gauge and protector

Access



- Galvanised access platforms & guard rails
- Access around both sides of machine
- GRP walkway floors
- Dewatering screen process

Feeder



- Modular capacity hopper
- Optional 30m3 (39 yds3) capacity hopper available
- Radio controlled tipping grid
- Variable speed belt feeder

Aggregate Conveyors

- Reconfigurable side conveyors (left or right)
- Plain 26" (660mm) wide belt
- 18 degree angle
- High quality tungsten tip scraper on mid-fines conveyor
- High quality PU scraper on mid-overs and over size conveyor
- Direct drive electric gearbox
- 9.3m (30' 5") long
- 4.1m (13' 5") discharge height

Conveyor

- 1050mm (41") wide belt
- Integrated sealed washbox
- Raisable head section for screen access
- Optional overband magnet for the removal of ferrous metals when operating in recycling applications

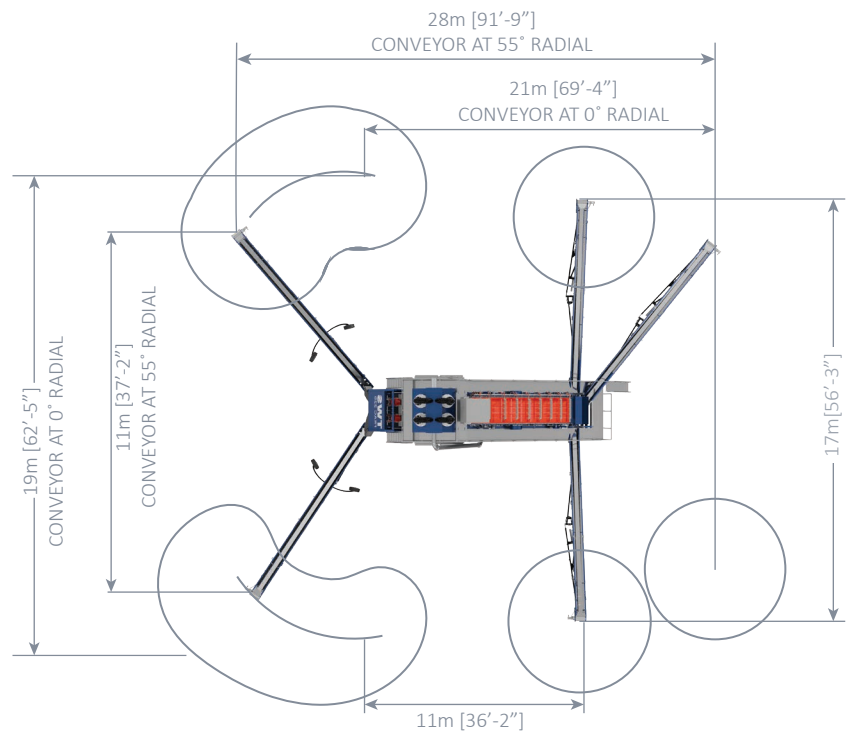


Sand Conveyors

- Rigid – folded for transport
- Radial – wheel drive as standard
- Plain 26" (660mm) wide belt
- 20° angle
- High quality PU scrapers
- Direct drive electric gearbox
- 11.3m (37' 5") long
- 4.9m (16' 1") discharge height

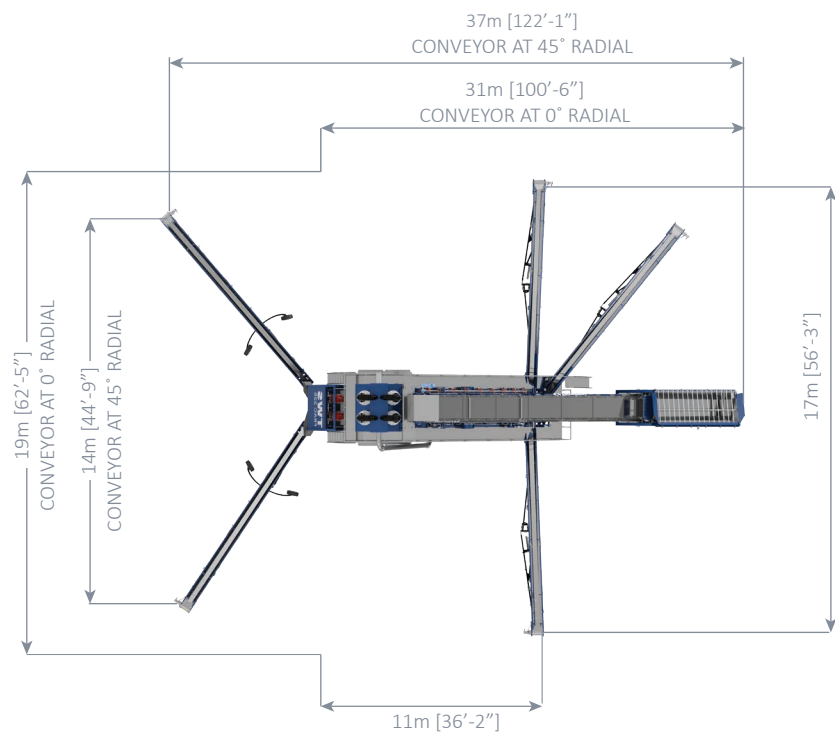


Technical Specification



Technical Specification - Frac 225

Screenbox	2 Agg 2 Sand	3 Agg 2 Sand	2 Agg, 1 Sand	3 Agg, 1 Sand
Capacity	12 m³	12 m³	12 m³	12 m³
Screen size <i>(L x W)</i>	4.9 m x 1.5 m	4.9 m x 1.5 m	4.9 m x 1.5 m	4.9 m x 1.5 m
No. of decks	3	3	3	3
Motor	15 kW	15 kW	15 kW	15 kW
Dewatering screen <i>(L x W)</i>	3.7 m x 1.5 m	3.7 m x 1.5 m	3.7 m x 1.5 m	3.7 m x 1.5 m
Screen motor	8 kW	8 kW	8 kW	8 kW
Fines cyclone	4 x T250	4 x T250	2 x T250, 2 x T350	2 x T250, 2 x T350
Fines pump	200/150 – 15 kW	200/150 – 32 kW	250/200 – 45 kW	250/200 – 45 kW
Max spraybar water @ 2 bar	235 m³/hr	340 m³/hr	235 m³/hr	340 m³/hr



Technical Specification - Frac 265

Screenbox	2 Agg 2 Sand	3 Agg 2 Sand	2 Agg, 1 Sand	3 Agg, 1 Sand
Capacity	12 m³	12 m³	12 m³	12 m³
Screen size <i>(L x W)</i>	6 m x 1.8 m	6 m x 1.8 m	6 m x 1.8 m	6 m x 1.8 m
No. of decks	2	3	2	3
Motor	22 kW	22 kW	22 kW	22 kW
Dewatering screen <i>(L x W)</i>	4.3 m x 1.8 m	4.3 m x 1.8 m	4.3 m x 1.8 m	4.3 m x 1.8 m
Screen motor	12.4 kW	12.4 kW	12.4 kW	12.4 kW
Fines cyclone	4 x T300	4 x T300	2 x T300, 2 x T400	2 x T300, 2 x T400
Fines pump	200/150 - 22 kW	200/150 - 22 kW	250/200 - 45 kW	250/200 - 45 kW
Max spraybar water @ 2 bar	268 m³/hr	400 m³/hr	268 m³/hr	400 m³/hr



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