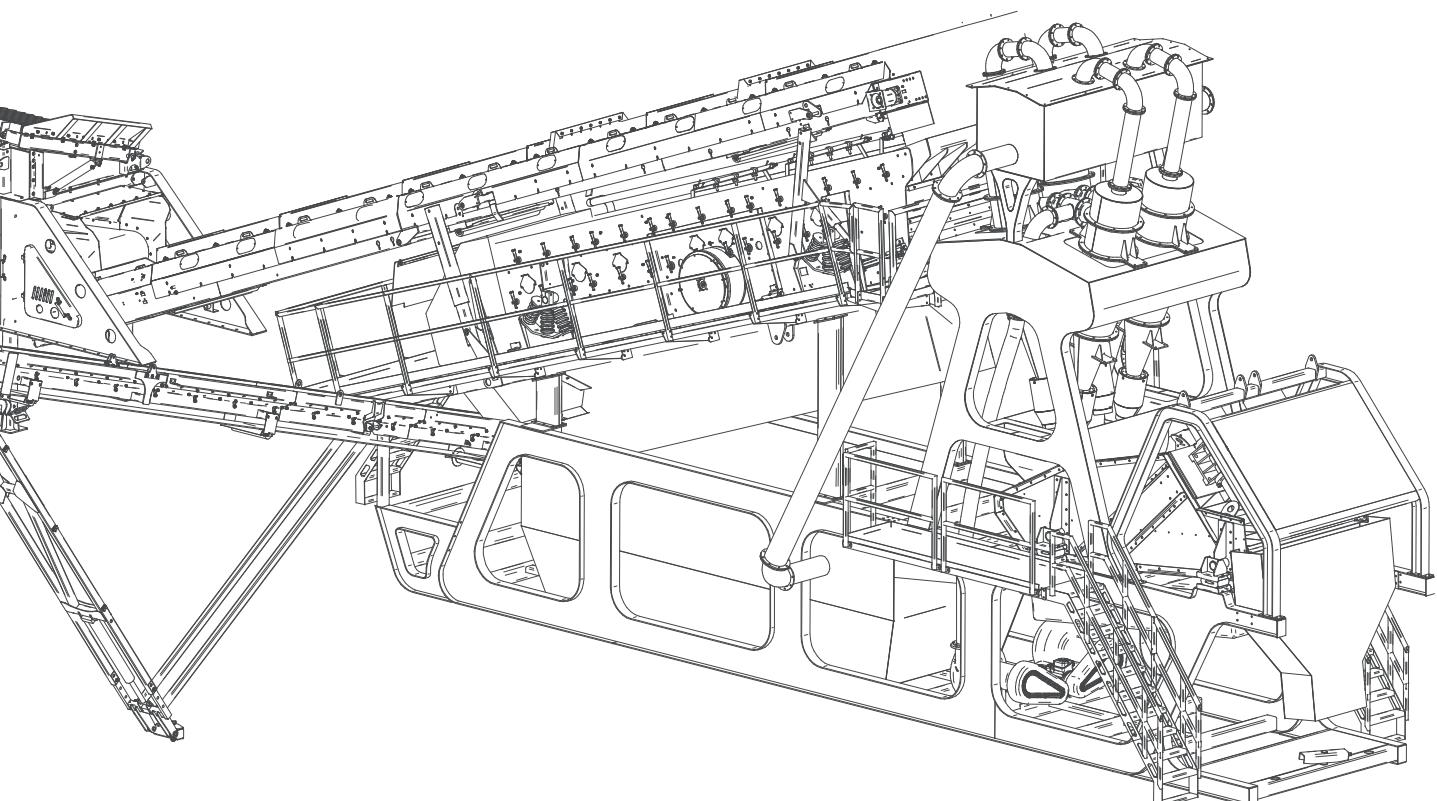


 **Taurian®MPS**

**CYCLWASH**  
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 575yds<sup>3</sup> (440m<sup>3</sup>)  
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 12m<sup>3</sup>  
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 (95m<sup>3</sup>)  
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

## 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 grade)

- 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

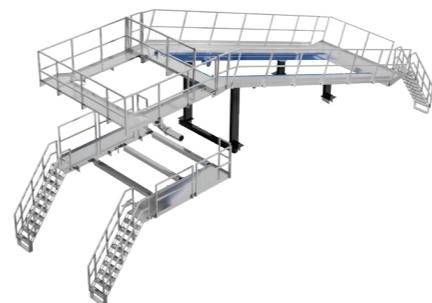
## Sand Plant



- 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

## Access



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

## Feeder



- Modular capacity hopper
- Optional 30m<sup>3</sup> (39 yds<sup>3</sup>) 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



## Sand Conveyors

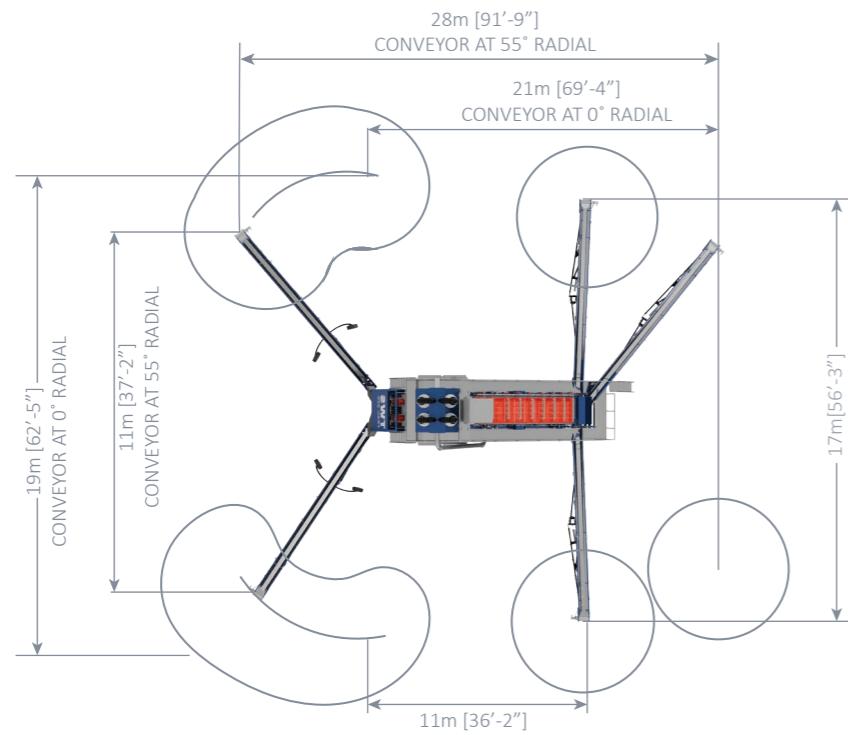
- Rigid – folded for transport
- Radial – wheel drive as standard
- Plain 26" (660mm) wide belt
- 20° angle
- High quality PU scrapers
- Direct drive electric gearbox
- 11.3m (37' 5") long
- 4.9m (16' 1") discharge height



## Conveyor

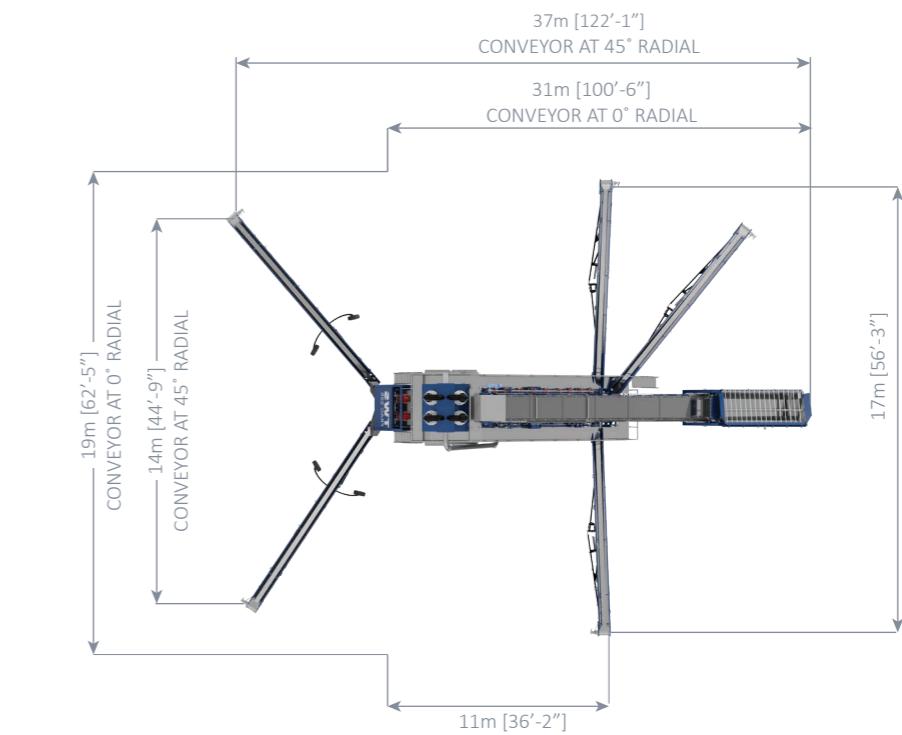
- 1050mm (41") wide belt
- Integrated sealed washbox
- Raisable head section for screen access
- Optional overband magnet for the removal of ferrous metals when operating in recycling applications

# Technical Specification



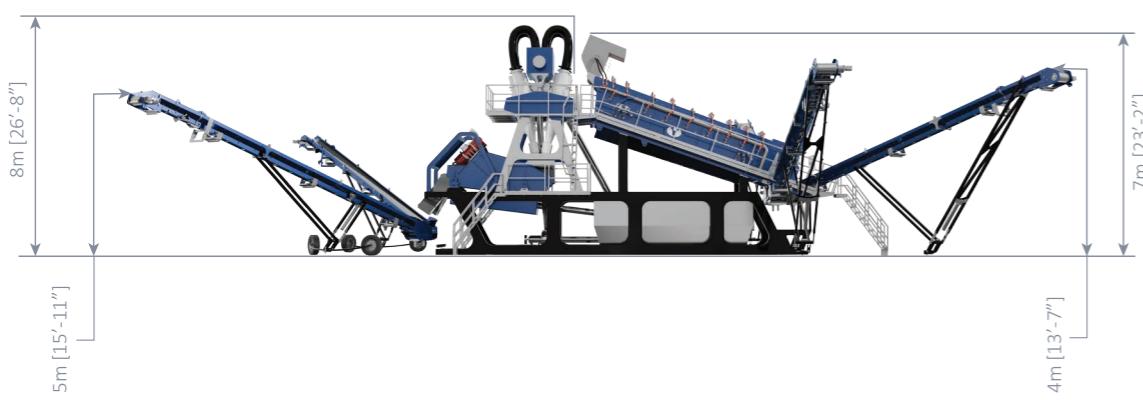
Technical Specification - Frac 225

Screenbox	2 Agg 2 Sand	3 Agg 2 Sand	2 Agg, 1 Sand	3 Agg, 1 Sand
Capacity	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>
Screen size (L x W)	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 (L x W)	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 m <sup>3</sup> /hr	340 m <sup>3</sup> /hr	235 m <sup>3</sup> /hr	340 m <sup>3</sup> /hr



Technical Specification - Frac 265

Screenbox	2 Agg 2 Sand	3 Agg 2 Sand	2 Agg, 1 Sand	3 Agg, 1 Sand
Capacity	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>	12 m <sup>3</sup>
Screen size (L x W)	6 m x 1.8 m			
No. of decks	2	3	2	3
Motor	22 kW	22 kW	22 kW	22 kW
Dewatering screen (L x W)	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 m <sup>3</sup> /hr	400 m <sup>3</sup> /hr	268 m <sup>3</sup> /hr	400 m <sup>3</sup> /hr



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