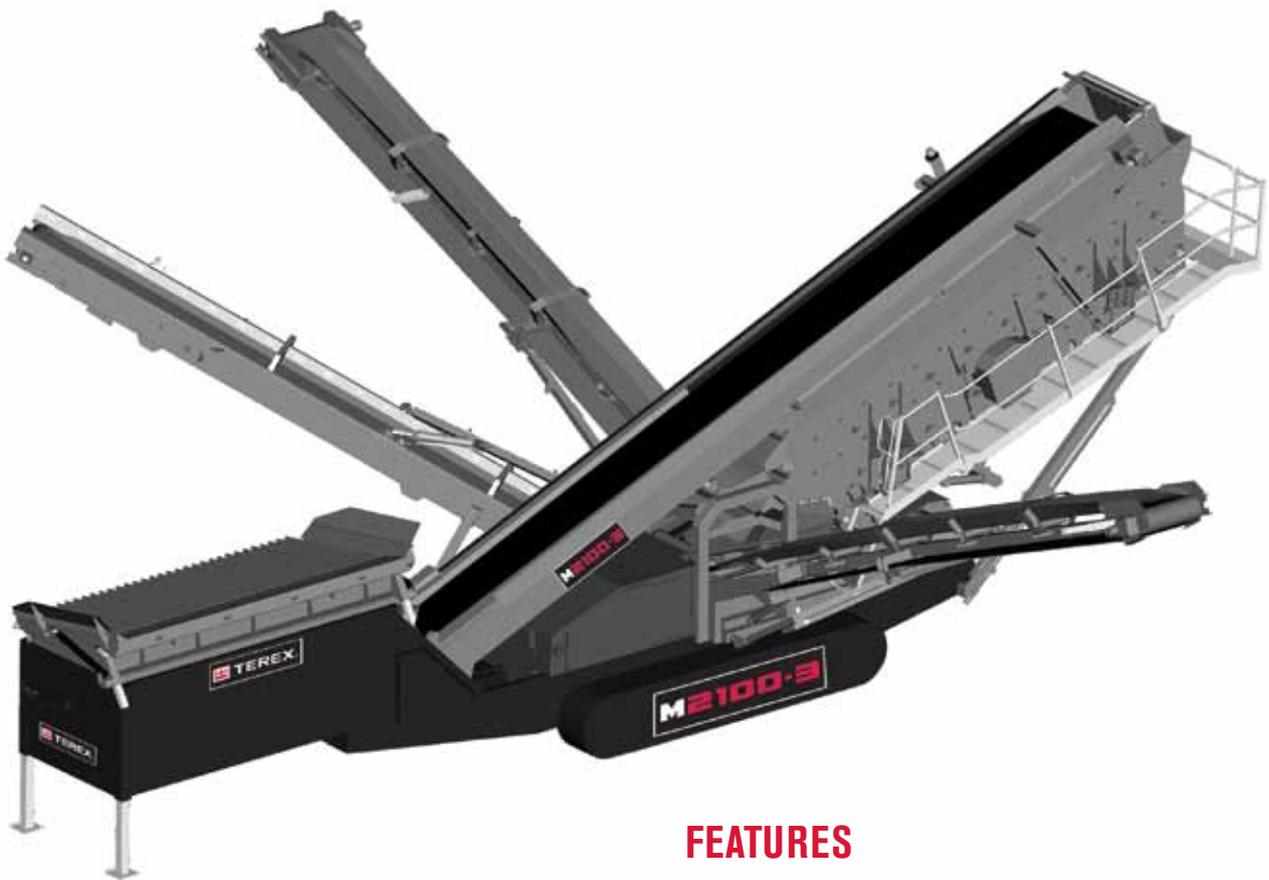


M 2100 WASHPLANT



FEATURES

- Fully mobile washing plant
- On board hydraulically folding side conveyors
- Capable of producing up to 5 end products
- Quick set up time
- Ideally suited to applications including coal, crushed stone, recycled materials, iron ore, sand and gravel
- Can work independently or as part of an entire wash plant

FEATURES & BENEFITS

- High capacity (depending on mesh sizes and material type)
- Quick set up time typically under 15 minutes
- Maximum mobility with heavy duty, low ground pressure crawler tracks
- Optional tri-axle bogie system allows the track machine to be transported without the need for a low loader
- Removable heavy duty pendant remote control system
- Optional radio control system available if required at extra cost
- High performance hydraulic system
- Angle adjustable tipping grid with radio control double acting tipping grid rams
- Low profile single and double deck vibrating grid option with remote control tipping. Angle adjustable and fully riveted construction

APPLICATIONS

- Sand and gravel
- Topsoil
- Coal
- Crushed stone
- Recycling
- Iron ore

SPECIFICATIONS

M 2100 WASHPLANT

MODEL OPTION	TRACK (2 & 3 DECK)
TRANSPORT LENGTH	16.9m (55' 8")
TRANSPORT WIDTH	2.9m (9' 7")
TRANSPORT HEIGHT	3.5m (11' 5")
WORKING LENGTH	16.5m (54' 4")
WORKING WIDTH	18.2m (59' 9")
WORKING HEIGHT 3 DECK	5.9m (19' 4")
WORKING HEIGHT 2 DECK	5.8m (19')
HOPPER CAPACITY	8.0m ³
SCREEN UNIT	3 deck, oil filled, 2 bearing system Top & middle deck - 6.1m x 1.55m (20' x 5') Bottom deck - 5.55m x 1.5m (18' x 5')
POWER UNIT	97kW (130hp) @ 2200rpm
TOTAL WEIGHT	37,200kg (41 US ton)
TOTAL WEIGHT (VIBRATING GRID)	39,450kg (44 US ton)



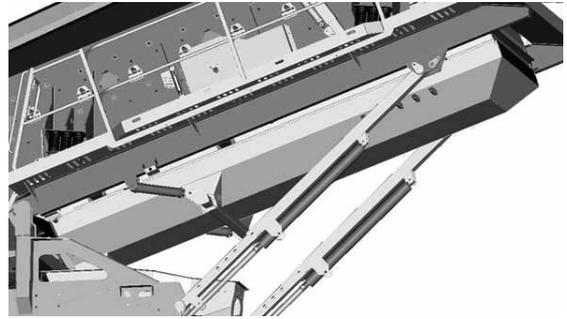
SCREENUNIT

3 deck, oil filled, 2 bearing system

TOP AND MIDDLE DECKS 6.1m x 1.55m (20' x 5')

BOTTOM DECK 5.55m x 1.5m (18' x 5')

WORKING ANGLE Between 18° and 24°



FEED CONVEYOR

1.2m (48") (EP 315/3 ply belt) wide direct feed conveyor with direct drive system & hydraulic variable speed control

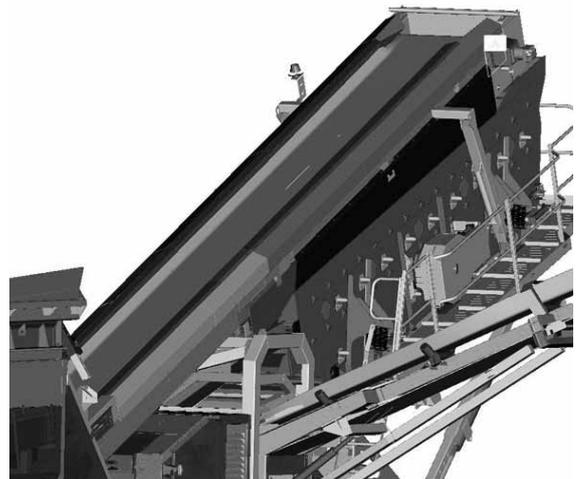
MAIN CONVEYOR

1.05m (42") 3 ply belt

Hydraulic drive with steel skirting

Omv 630 drive motor

Working angle 18° - 26°, hydraulically adjustable



SIDE CONVEYORS

800mm (32") (EP 315/3 ply belt) wide, hydraulically folding side conveyors with individual, variable speed control

5.04m (16' - 6") stockpile height (Measured to drum centre)



AUXILIARY CONVEYOR

650mm (26") (EP 315/3 ply belt) wide hydraulically folding auxiliary conveyor

4.4m (14' - 5") stockpile height (Measured to drum centre)

Patent pending



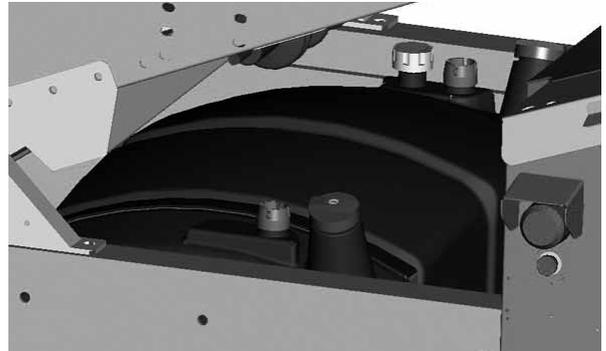
POWERUNIT & HYDRAULICS

STANDARD DIESEL ENGINE	developing 97kW (130hp) @ 2200rpm
OPTIONAL DIESEL ENGINE	developing 125kW (168hp) @ 2200rpm
FLYWHEEL PUMP 1 (TRIPLE PUMP)	63cc/rev (3.84 ci/rev) and 33cc/rev (2.01ci/rev)
PTO PUMP 1	23cc/rev (1.95ci/rev) each circuit
PTO PUMP 2	14cc/rev (0.85ci/rev)
FEEDER MOTOR	160cc/rev (9.76ci/rev)
MAIN CONVEYOR MOTOR	500cc/rev (30.51ci/rev)
TAIL CONVEYOR MOTOR	800cc/rev (48.81ci/rev)
SIDE CONVEYOR MOTOR	400cc/rev (21.41ci/rev)
SCREEN MOTOR:	80cc/rev (4.88ci/rev)



TANK CAPACITIES

HYDRAULIC TANK	564 litres (124 gal)
DIESEL TANK	336 litres (74 gal)



CRAWLER TRACK DATA

TRACTIVE EFFORT	24260.12 daN
GRADABILITY PERCENTAGE	58.74%
GEARBOX RATIO	1:153
HYDRAULIC MOTOR	90 cc/rev
APPROXIMATE SPEED	0.61 Km/hr (0.38 mph)



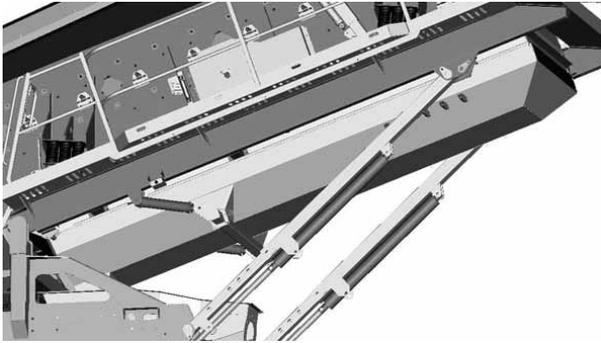
3 DECK RINSER OPTION CATCH BOX

Hydraulically hinged, making mesh changing easier

1/3-2/3 fixed division plate

10" outlet

Single or double grade catch box with option rubber lining

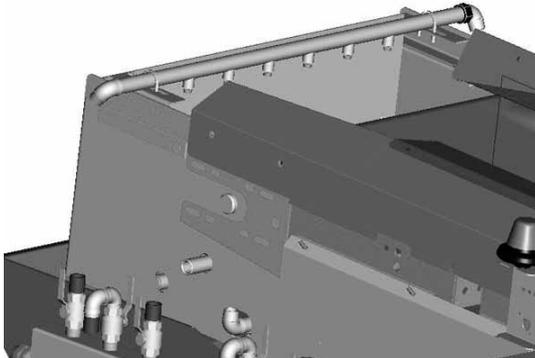


WASH BOX

Adjustable 5 nozzle spray bar

Feed conveyor belt scraper

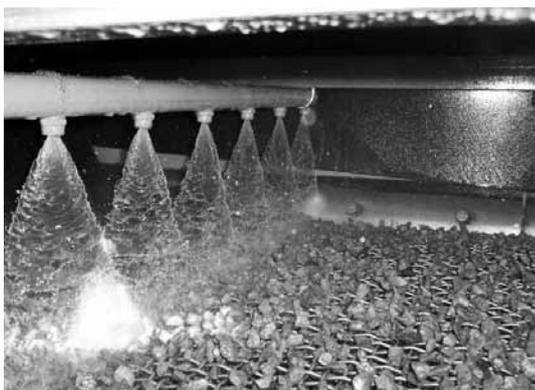
Steel wear plate



SCREEN BOX

23 Steel spray bars split into 8 bars per deck (7 on bottom deck)

All decks have brass nozzles alternating between 8 & 7 per bar to give full spray coverage



VIBRATING GRID OPTION

SCREEN SIZE	3.05m x 2.14m (10' x 7')
WORKING ANGLE	10° to 20° adjustable
TIP ANGLE	45° maximum
MOTOR	58.7cc/rev
CIRCUIT	Coupled to main conveyor circuit
TRANSPORT HEIGHT	3.55m

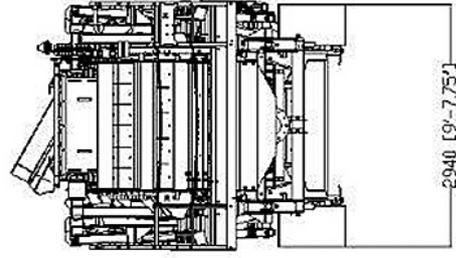
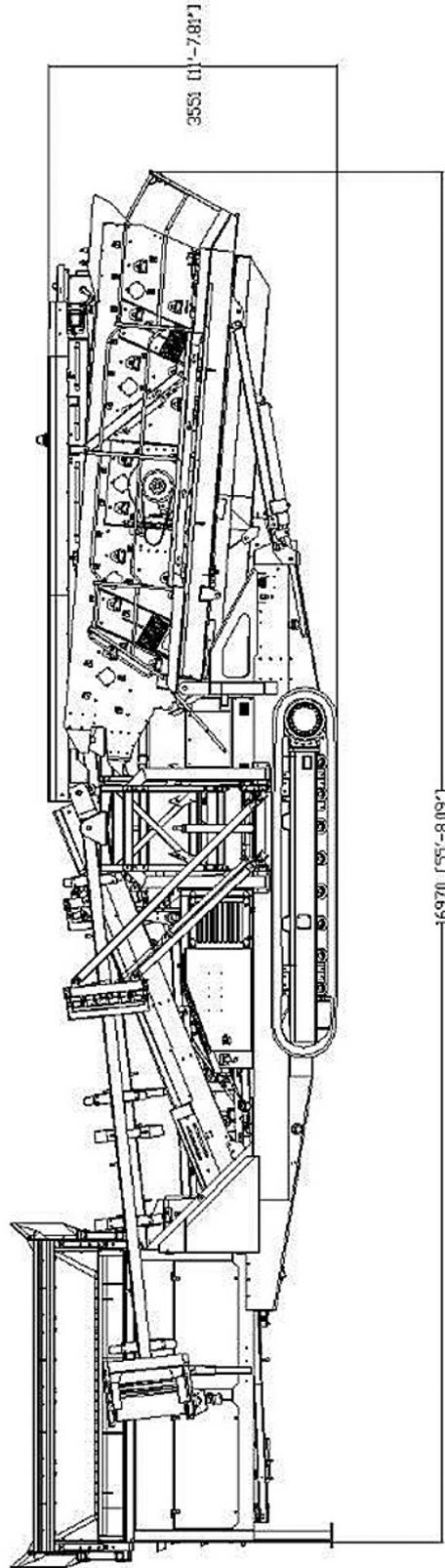
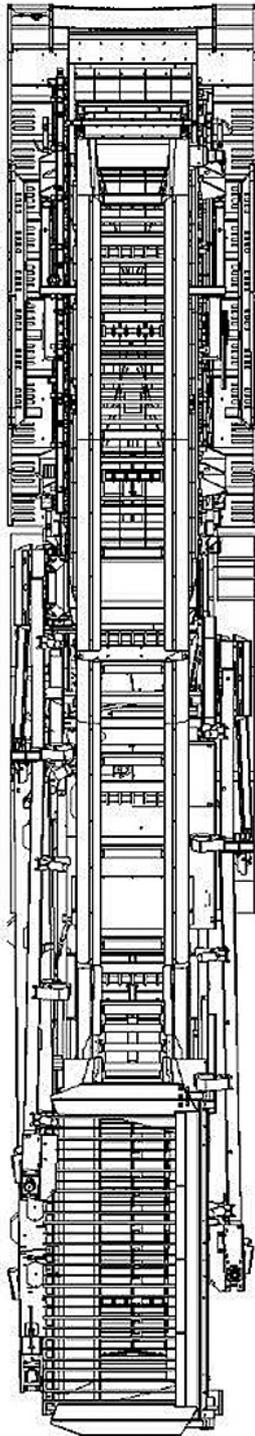


OPTIONS

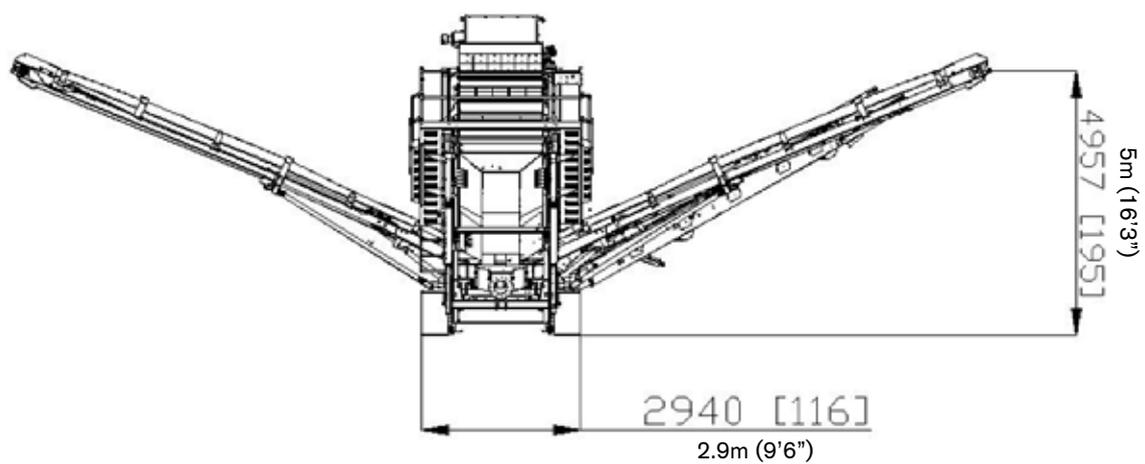
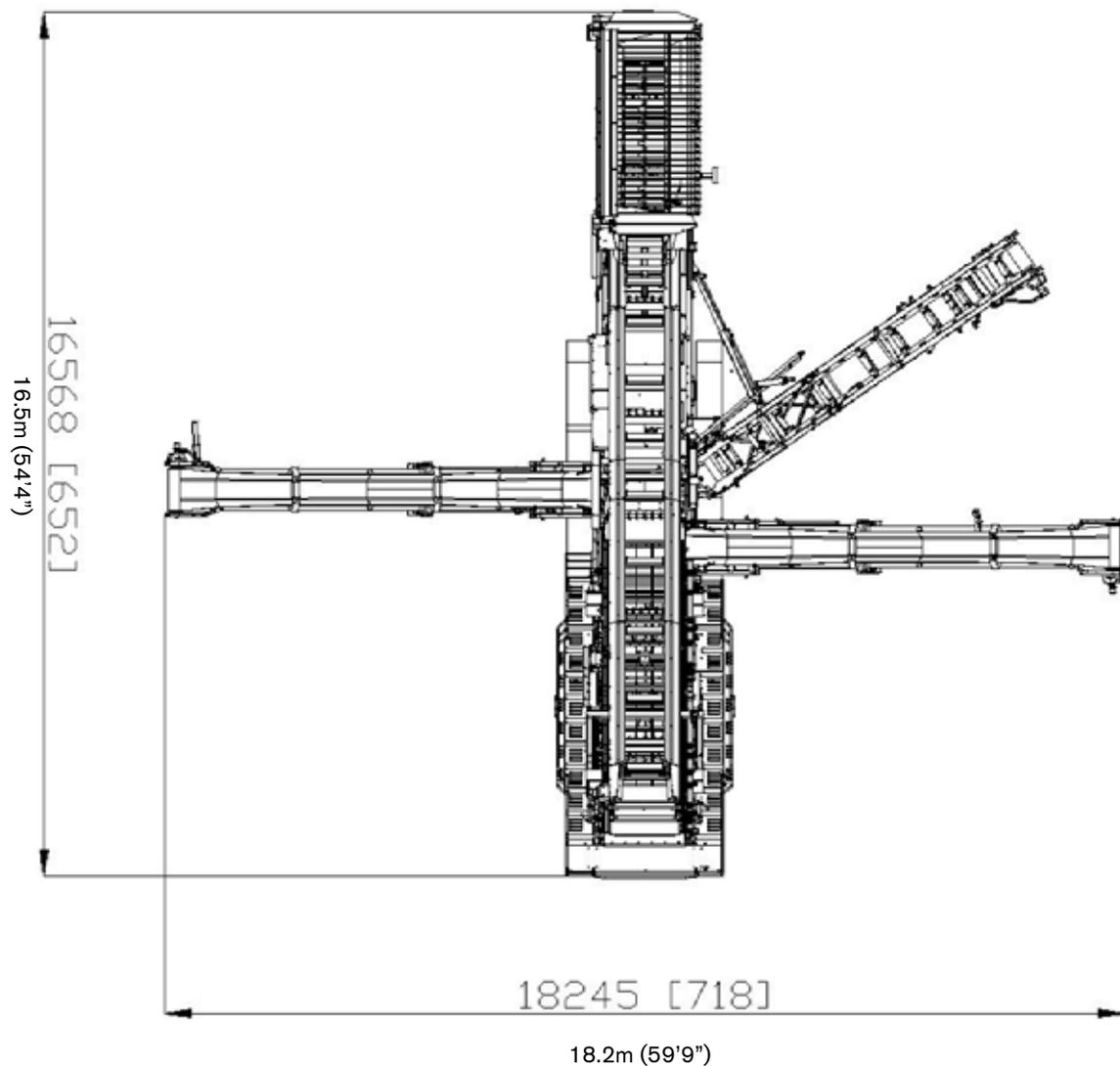
- 12ft 2 deck vibrating grid
- Extended re-circulation oversize auxiliary conveyor
- Dual power (can be operated electrically)
- Quick release wedge screen tensioning
- Bonded rubber wearplate in washbox
- Sealed pipes with bonded rubber lining
- 18' X 5' single or twin grade catchbox
- Rubber screens
- Roll-in bogie prepared
- Roll-in bogie equipped
- Radio control tracks
- Prepared tuv chassis
- Auto lubrication system
- Hydraulic screen tensioning
- Dry screen tail conveyor
- Single or double deck vibrating grizzly
- Single shaft, flail type shredder
- Wheel bogie for track machine
- Hydraulic jacking legs

DIMENSIONS

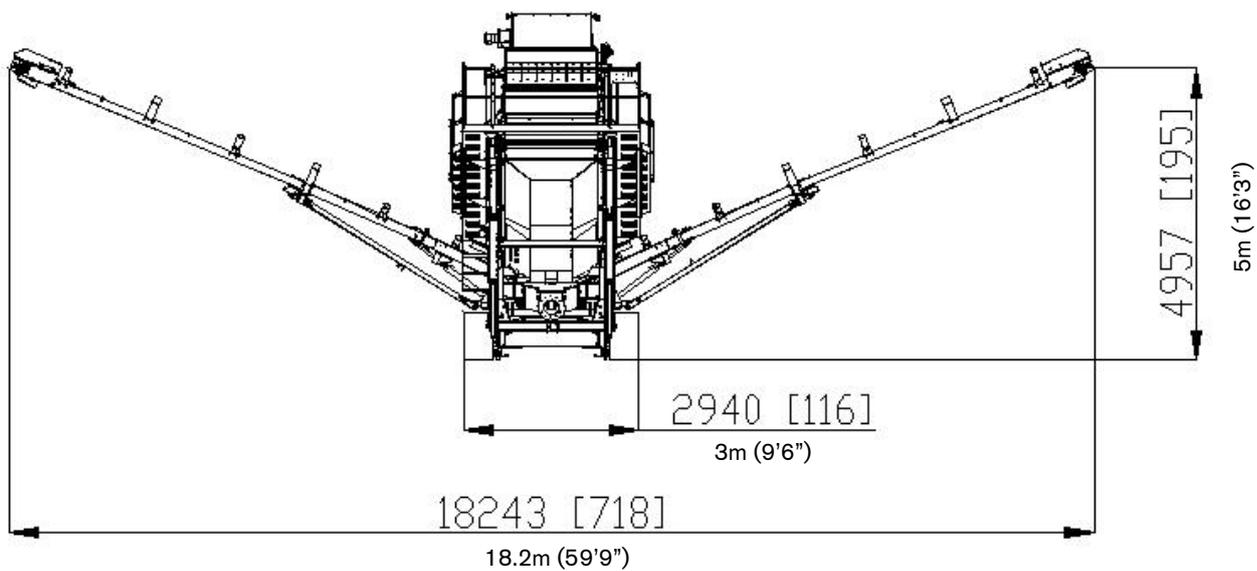
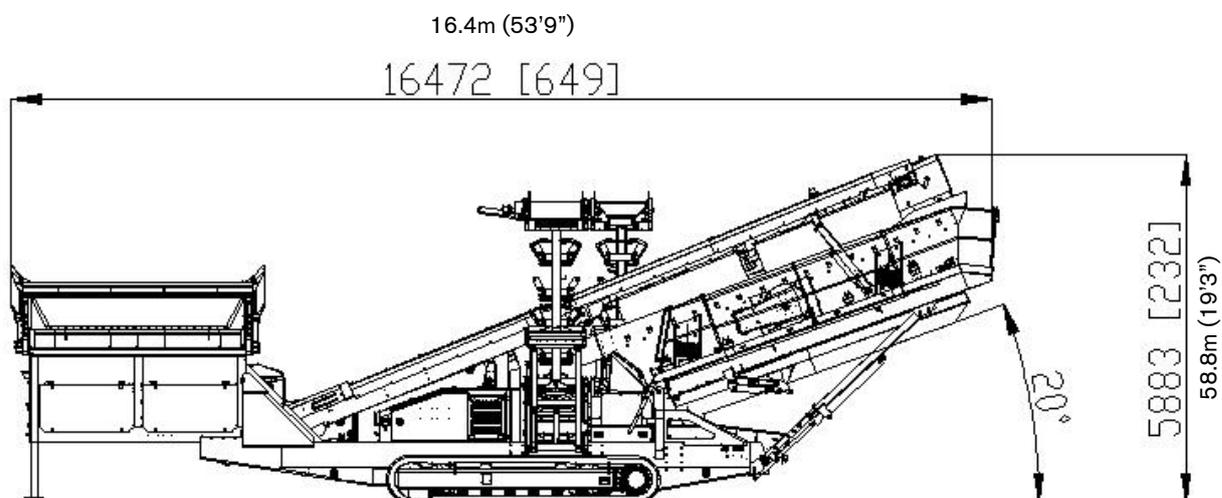
M 2100 WASHPLANT TRANSPORT DIMENSIONS



M 2100 3 DECK WASHPLANT WORKING DIMENSIONS



M 2100 2 DECK WASHPLANT WORKING DIMENSIONS



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