

694+ Supertrak



SPECIFICATION:

Screen Size:	6100mm x 1530mm (20' x 5') Top, Middle & Bottom deck screenbox	
Net Engine Power:	Tier 3 / Stage IIIA:	Caterpillar C4.4 97kW (130hp)
	Tier 4i / Stage IIIB:	Caterpillar C4.4 98kW (131hp)
	Tier 4F / Stage IV:	Caterpillar C4.4 98kW (131hp)
Portability:	Tracked	
Operating Weight:	39,250kg (86,531lbs)*	
	<i>*With tipping grid</i>	

WORKS FOR YOU.™

SPECIFICATION

HOPPER / FEEDER

Hopper Capacity: 8m³ (10.5yd³)

Feed height: 3.67m (12')

Feed in width: 4.77m (15' 8") (grid wing plates)

Grid aperture: 100mm (4")

10mm replaceable steel hopper liners

Drive: Hydraulic variable speed drive via high torque gearbox

Beltfeeder belt width: 1.2m (48")

Belt Spec: Plain EP 630, 4 ply, 6 + 2mm covers.

Speed: variable, 0 - 16 mpm (0 - 53' per min)

Wide mouth opening

MAIN CONVEYOR

Drive: Hydraulic variable speed drive via high torque 630cc motor

Belt width: 1.2m (48")

Belt spec: Plain 3 ply belt, EP400

Hydraulic adjust

Belt Speed: 92 mpm (302' per min)

Steel skirted full length of conveyor

SCREEN BOX

All decks: 6.1m x 1.53m (20' x 5')

Wedge side tensioned top and middle deck mesh

Hydraulic end tensioned bottom deck mesh

Drive: Hydraulic heavy duty 2-Bearing

Screen Angle: 18° - 30°, hydraulic adjust

Screen stroke standard: 7.5mm (5/16")

Screenspeed: 1000 rpm

Abrasion resistant material impact plate

Spreader plate

Galvanised access catwalks on both sides and top end of screen

Total screening area: 27.8m² (300ft²)

SIDE CONVEYORS

Drive: Hydraulic variable speed drive via high torque 500cc motor

Belt width: 800mm (32")

Belt spec: Chevron EP400, 3 ply

Working Angle: 24°

Speed: Variable speed, 0 - 125 mpm (410' per min)

Hydraulic Folding

Discharge Height: 4.71m (15' 5")

Stockpile capacity: 193m³ (252yd³)



Hopper



Vibrating Grid



Conveyor - Middle Grade



Conveyor - Oversize Plus



Conveyor - Oversize Minus

FINES CONVEYOR

Drive: Hydraulic variable speed drive via high torque 800cc motor

Belt width: 1.2m (48")

Belt spec: Plain, 3 ply, EP400

Working Angle: Variable 25° (Max)

Rosta scraper on head drum

Speed: Not variable speed, 92mpm (302' per min)

Standard Discharge Height: 5.2m (17' 1")

Stockpile capacity: 260m³ (340yd³)

OVERSIZE PLUS CONVEYOR

Drive: Hydraulic variable speed drive via high torque 500cc motor

Belt width: 500mm (20")

Belt spec: Chevron, EP 315, 3 ply

Working Angle: Variable 22° (Max)

Speed: variable speed, 120 mpm (400' per min)

Discharge Height: Variable 4.8m (Max)

Operating angle variable between 0° and 70°

Stockpile capacity: 164.5m³ (215.2yd³) @ 40°

TRANSFER CONVEYOR

Drive: Hydraulic variable speed drive via high torque 315cc motor

Belt width: 500mm (20")

Belt spec: Plain, EP 500, 3 ply

Belt Speed: 125 mpm (410' per min)

POWERUNIT AND HYDRAULICS

Tier 3 / Stage IIIA: Caterpillar C4.4

Engine Power: 97kW (130hp)

Engine Speed: 2200 rpm

Tier 4i / Stage IIIB: Caterpillar C4.4

Engine Power: 98kW (131hp)

Engine Speed: 2200 rpm

Tier 4F / Stage IV: Caterpillar C4.4

Engine Power: 98kW (131 hp)

Engine Speed: 2200 rpm

Pump 1: Triple 33cc/33cc/26cc

The first section drives either the (left) track or the main conveyor and transfer conveyor.

The second section drives either the (right) track or split to drive the middle grade & "oversize minus" conveyor.

The third section drives the belt feeder and oversize plus conveyor

Pump 2: Tandem 46cc/27cc

The first section drives the Fines conveyor and screen.

The second section operates the vibrating or tipping grid.



Fines Conveyor



Hydraulic Folding Oversize Plus Conveyor



Powerunit



Pump 1: Triple 33cc/rev, 33cc/rev, 26cc/rev



User Friendly Interface

TANK CAPACITIES

Hydraulic Tank: 450 litres / 99 UK gal / 119 US gal

Fuel Tank: 336 litres / 74 UK gal / 88 US gal)

UNDERCARRIAGE

Shoe Width: 500mm (20")

Sprocket Centres: 4.2m (13' 8")

Speed: 0.8 km/h

Gradeability: 32.6°

Raking Angle: 9°

STANDARD FEATURES

ENGINE:

Tier 3 / Stage IIIA Caterpillar C4.4 - 4 cylinder diesel engine developing 97kW (130hp) @ 2200 rpm

Tier 4i / Stage IIIB - Caterpillar C4.4 - 4 cylinder diesel engine developing 98kW (131hp) @ 2200 rpm

Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 98kW (131hp) @ 2200 rpm

FEEDER:

Hopper Capacity: 8.0m³ (10.5yd³) - 4.25m (14ft) wide steel lined hopper

Belt Width: 1.2m (48") wide variable speed belt feeder

Remote control hydraulic tipping reject grid c/w grouser bars 4.25m x 100mm spacing (14' x 4")

SCREENBOX:

6.1m x 1.53m (20' x 5') All 3 decks

No mesh or speedharps included for any deck (but all mesh fitting parts included as standard)

Quick wedge tensioning - top and middle deck

Hydraulic tensioning (bottom deck screen mesh)

Galvanised access catwalks to both sides and around top of screen

Screenbox reject chutes (2nr) (Top deck PE lined)

MAIN CONVEYOR:

Belt Width: 1.2m (48") plain belt on main conveyor

Skirting on main conveyor

SIDE CONVEYORS:

Belt Width: 800mm (32") chevron belt on both side conveyors

OVERSIZE PLUS CONVEYOR:

Belt Width: 500mm (20") chevron belt on oversize plus product conveyor

TRANSFER CONVEYOR:

Belt Width: 500mm (20") plain belt on transfer conveyor

FINES CONVEYOR:

Belt Width: 1.2m (48") fines belt

GENERAL:

Heavy duty undercarriage unit with 500mm wide tracks

Control operation of tracks via hand-held set with 5m connection lead with heavy duty square connector

Low level central greasing & emergency stops (4)

Safety guards in compliance with machinery directive

OPTIONAL EQUIPMENT

Opti Drive - 2 x 37kW IE2 electric motors c/w hydraulic gear pumps and electrical control panel allowing machine to run in either Diesel or Electric mode (IE3 motors required for the USA, please contact factory for price and availability)

No grid but hopper deadplate fitted

Double deck vibrating grid c/w abrasion resistant plate on wear surface of T Bars top dk and mesh in bottom deck (includes Hopper inlet chute from crusher)

Remote control hydraulic tipping reject grid c/w grouser bars 3.65m x 100mm spacing (12' 0" x 4") (includes Hopper inlet chute from Crusher)

Hydraulic raise of Main Conveyor head-section (For improved mesh access)

Top deck mesh

Middle deck mesh

Bottom deck mesh/ speedharp

Aluminium Rapid-Fit dust covers on main and fines belt

Dust suppression system on fines belt

Oversize Plus conveyor c/w 2.2m extension for recirc

Radio Remote control of tracks

1nr Standard stockpiler drive - Approx 30 Litres/min (only available when no vibrating grid fitted)

OR Quad Pump option for 1nr dedicated Stockpiler Drive - Approx 70 Litres/min

Working lights on powerunit and main conveyor

Anti-roll back plates for Main conveyor (3nr)

68 grade hydraulic oil

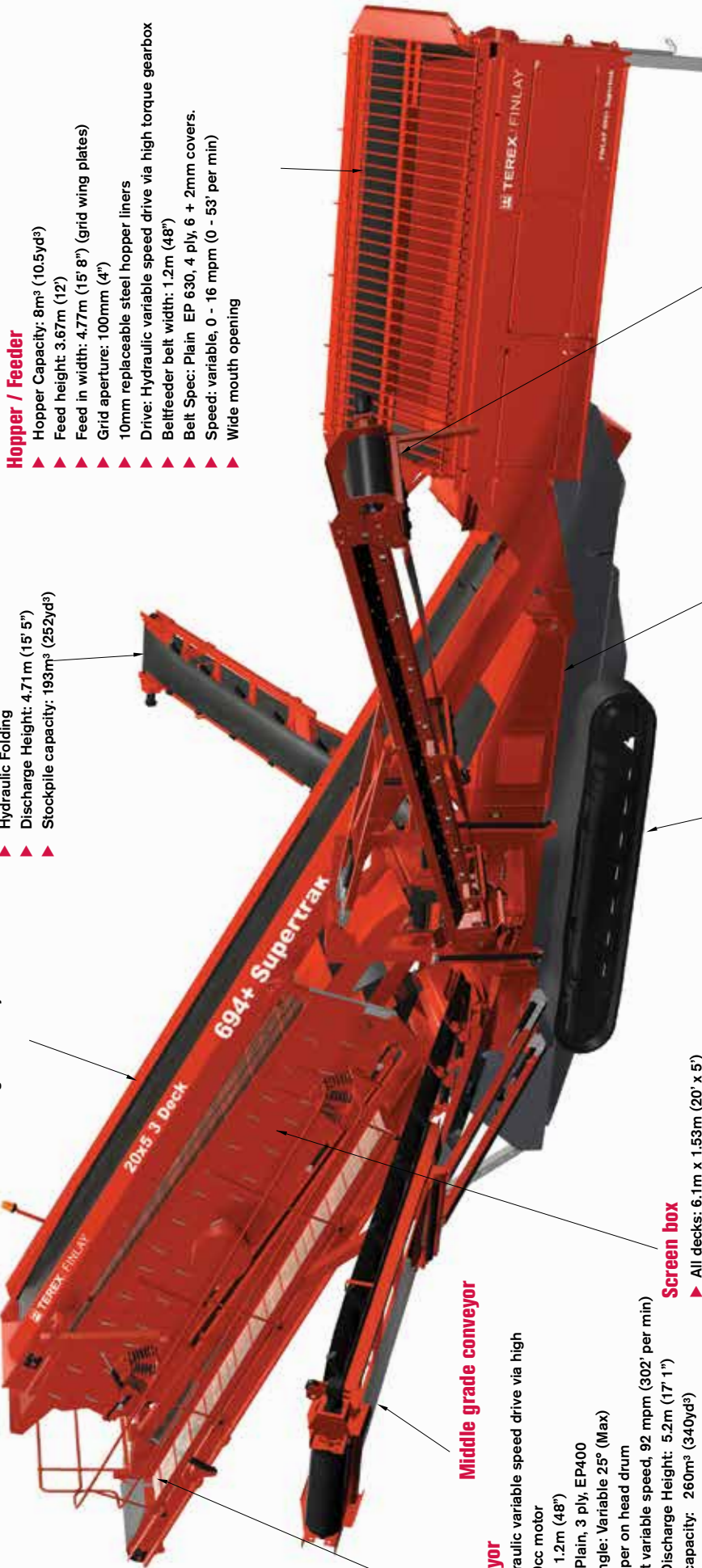
Special paint colour (if different from Terex MPE White RAL 1013 or Finlay Orange RAL 2002). RAL must be specified on order

Main conveyor

- ▶ Drive: Hydraulic variable speed drive via high torque 630cc motor
- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: Plain 3 ply belt, EP400
- ▶ Hydraulic adjust
- ▶ Belt Speed: 92 mpm (302' per min)
- ▶ Steel skirted full length of conveyor

Oversize grade conveyor

- ▶ Drive: Hydraulic variable speed drive via high torque 500cc motor
- ▶ Belt width: 800mm (32")
- ▶ Belt spec: Chevron EP400, 3 ply
- ▶ Working Angle: 24°
- ▶ Speed: variable speed, 0 - 125 mpm (410' per min)
- ▶ Hydraulic Folding
- ▶ Discharge Height: 4.71m (15' 5")
- ▶ Stockpile capacity: 193m³ (252yd³)



Hopper / Feeder

- ▶ Hopper Capacity: 8m³ (10.5yd³)
- ▶ Feed height: 3.67m (12')
- ▶ Feed in width: 4.77m (15' 8") (grid wing plates)
- ▶ Grid aperture: 100mm (4")
- ▶ 10mm replaceable steel hopper liners
- ▶ Drive: Hydraulic variable speed drive via high torque gearbox
- ▶ Beltfeeder belt width: 1.2m (48")
- ▶ Belt Spec: Plain EP 630, 4 ply, 6 + 2mm covers.
- ▶ Speed: variable, 0 - 16 mpm (0 - 53' per min)
- ▶ Wide mouth opening

Fines conveyor

- ▶ Drive: Hydraulic variable speed drive via high torque 800cc motor
- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: Plain, 3 ply, EP400
- ▶ Working Angle: Variable 25° (Max)
- ▶ Rosta scraper on head drum
- ▶ Speed: Not variable speed, 92 mpm (302' per min)
- ▶ Standard Discharge Height: 5.2m (17' 1")
- ▶ Stockpile capacity: 260m³ (340yd³)

Middle grade conveyor

Screen box

- ▶ All decks: 6.1m x 1.53m (20' x 5')
- ▶ Wedge side tensioned Top and Middle Deck mesh
- ▶ Hydraulic end tensioned Bottom deck mesh
- ▶ Drive: Hydraulic heavy duty 2-Bearing
- ▶ Screen Angle: 18° - 30°, hydraulic adjust
- ▶ Screen speed: 1000 rpm
- ▶ Screen stroke standard: 75mm (5/16")
- ▶ Abrasion resistant material impact plate
- ▶ Spreader plate
- ▶ Galvanised access catwalks on both sides and top end of screen
- ▶ Total screening area: 278m² (300ft²)

Undercarriage

- ▶ Shoe Width: 500mm (20")
- ▶ Sprocket Centres: 4.2m (13' 8")
- ▶ Speed: 0.8 km/h
- ▶ Gradeability: 32.6°
- ▶ Raking Angle: 9°

Power unit

- ▶ Tier 3 / Stage IIIA: Caterpillar C4.4
- ▶ Engine Power: 97kW (130hp)
- ▶ Engine Speed: 2200 rpm
- ▶ Tier 4i / Stage IIIB: Caterpillar C4.4
- ▶ Engine Power: 98kW (131hp)
- ▶ Engine Speed: 2200 rpm
- ▶ Tier 4E / Stage IV: Caterpillar C4.4
- ▶ Engine Power: 131hp (98kW)
- ▶ Engine Speed: 2200 rpm

Oversize Plus Conveyor

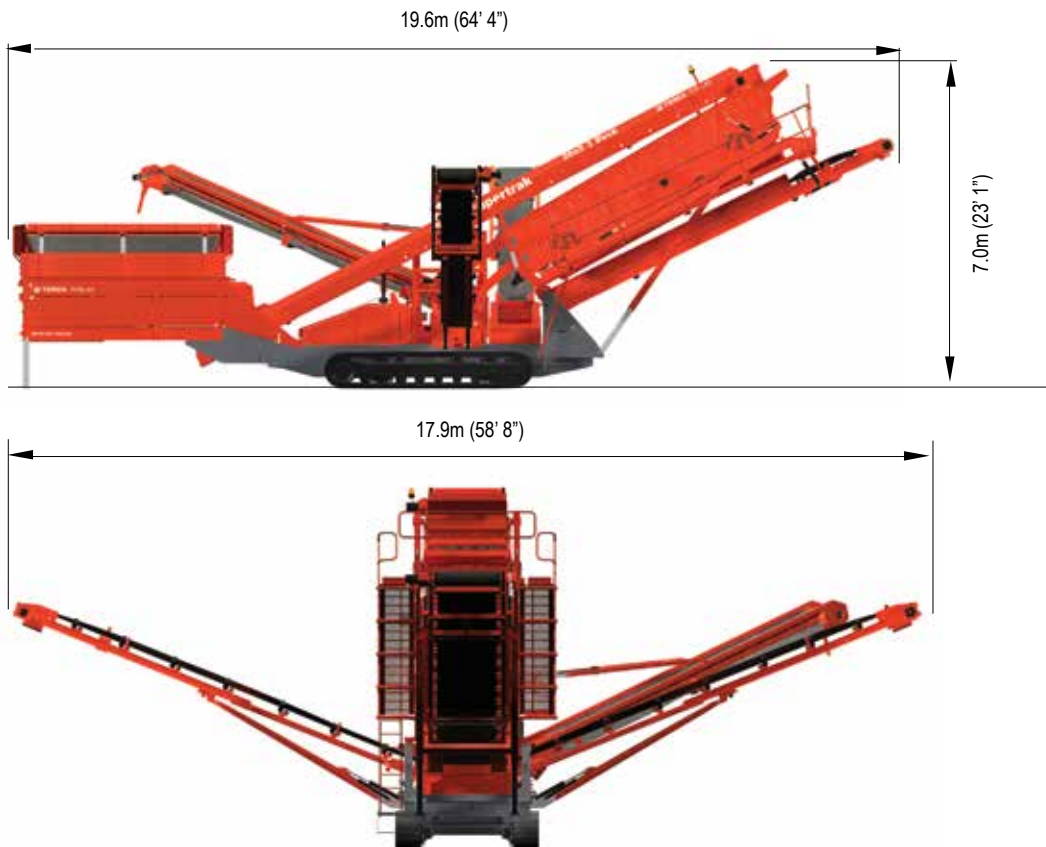
- ▶ Drive: Hydraulic variable speed drive via high torque 500cc motor
- ▶ Belt width: 500mm (20")
- ▶ Belt spec: Chevron, EP 315, 3 ply
- ▶ Working Angle: Variable 22° (Max)
- ▶ Speed: variable speed, 120 mpm (400' per min)
- ▶ Discharge Height: Variable 4.8m (Max)
- ▶ Stockpile capacity: 164.5m³ (215.2yd³) @40°

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TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: 39,250kg (86,531lbs)
with tipping grid

For further information on specific machine weight configurations please consult Terex Finlay