



684 Supertrak



SPECIFICATIONS:

Screen Size:		4,300mm x 1,700mm (14' x 5' 7")
Net Engine Power:	Tier 3 / Stage 3A:	Caterpillar C4.4 ATAAC 83kW (111hp)
	Tier 4i / Stage 3B:	Caterpillar C4.4 82kW (110hp)
Portability:		Tracked
Operating Weight:		30,500kg (67,240lbs)

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SPECIFICATION

HOPPER AND GRID

Adjustable height and angle remote tipping grid with wing plates.

Grid opening: 4250mm (14')

Feed with wing plates: 4765mm (15' 8")

Feed height: 3450mm (11' 4")

Grid aperture: 100mm (4"), 150mm (6")

Hopper capacity: 8m³ (10.5yd³)

SCREEN BOX

4,300mm x 1700mm (14' x 5' 7") Top, Middle and Bottom Deck Screenbox

3 deck - 2 bearing high performance screenbox

Top and Middle deck side tensioned with 4 x meshes - Wedge Tensioned

Bottom deck (end tensioned) with 2 x meshes

Hydraulic tensioning (bottom deck screen mesh)

Galvanised access catwalk at both sides and top end of screen

Screen motor: Cast Iron 80cc/rev

Screen speed: 1050 rpm

Spreader plate

Hydraulic angle adjustment between 18° and 37°

MAIN CONVEYOR

1000mm (39"), EP 400, 3 ply, plain belt

Drum centres: 10,900mm (35' 9")

630cc/REV motor

Belt speed: 92mpm (302' per min)

3nr Anti-rollback Plates

Conveyor can be raised while in transport mode to assist in mesh changing

FINES CONVEYOR

1200mm (47") 3 ply belt, EP400

Belt speed: 120 mpm (400' per min)

630cc/REV Motor

Drum centres: 6550mm (21' 6")

Discharge height: 4360mm (14' 4")

SIDES CONVEYOR

A) Oversize Minus & Middle grade

650mm (26") 2 ply EP250

Chevron belt with variable belt speed

Drum centres: 9390mm (30' 10")

500cc/REV Motor

Discharge height: 4755mm (15' 7")

B) Oversize Plus

500mm (20"), EP 315, 3 ply,

Chevron belt with variable belt speed

Drum centres: 9.5m (31')

500cc/REV Motor

Discharge height: 4.4m -5.3m variable

Operating angle variable between 0° and 70°

TRANSFER CONVEYOR

500mm (20"), EP500, 3 ply, plain belt

Drum centres: 1.5m (5')

315cc/REV Motor

BELT FEEDER

1050mm (42") 3 ply belt, EP400, with 127mm diameter close pitched rollers.

Drum centres: 4280mm (14' 1")

Hydraulic variable speed drive

Planetary gearbox drive

Wide mouth opening

Belt speed: 0-16 mpm (53' per min)

UNDERCARRIAGE

3280mm sprocket centres with 400mm (16") wide track shoes.

Gradability degrees: 25.5°

Track movement over dog lead or radio remote.

TANK CAPACITIES

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

Fuel Tank Capacity: 324 litres / 71 UK gal / 85 US gal

POWERUNIT

Engine: Tier 3/stage 3A - CAT (4.4 ATAAC) - 4 cylinder diesel

Output: 83kW (111.3hp) @ 2200 rpm

Pump 1:

Triple 33cc/rev, 33cc/rev, 26cc/rev.

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

The second section drives either the (left) track or the main conveyor & Transfer Conveyor.

The third section drives the 4.3m x 1.7m (14' x 5' 7") top, middle and bottom deck screenbox 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.

STANDARD FEATURES

Tier 3 / Stage 3A Caterpillar C4.4 ATAAC - 4 cylinder diesel engine developing 83kW (111hp) 2200 RPM

Tier 4i / Stage 3B - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 2200 RPM

Hopper capacity: 8.0m³ (10.5yd³) - 4.25m (14ft) wide hopper

1050mm (42") wide variable speed belt feeder

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

4.3m x 1.7m (14' x 5' 7") top, middle and bottom deck screenbox

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)

1000mm (39") wide main belt

Skirting on main conveyor

Anti-rollback plates (3nr)

650mm (26") wide chevron belt on both side conveyors

500mm (20") wide chevron belt on oversize plus product conveyor

500mm (20") wide plain belt on transfer conveyor

1200mm (48") wide plain belt on fines conveyor

Heavy duty undercarriage unit with 400mm 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

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

Tier 4i / Stage 3B - Caterpillar C4.4 - 4 cylinder diesel engine developing 98kW (131hp) @ 2200 RPM

No grid but hopper deadplate fitted

100mm 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) NOTE Must also have extended oversize+ conveyor with this option

Remote control hydraulic tipping reject grid c/w grouser bars 3.65m x 100mm spacing (12' x 4") and hopper inlet chute from crusher

Top deck mesh

Middle deck mesh

Bottom deck mesh/ speedharp

Main Conveyor Spreader plate lined wear resistant steel

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

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)

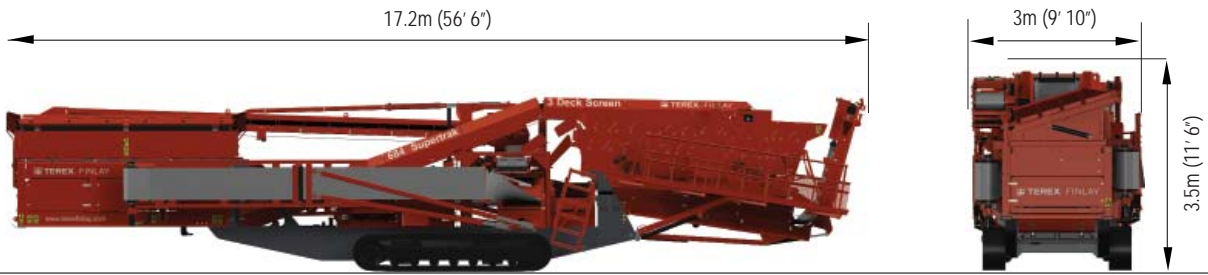
OR Quad Pump option for 1nr dedicated Stockpiler Drive - Approx 70 Litres/min

68 grade hydraulic oil

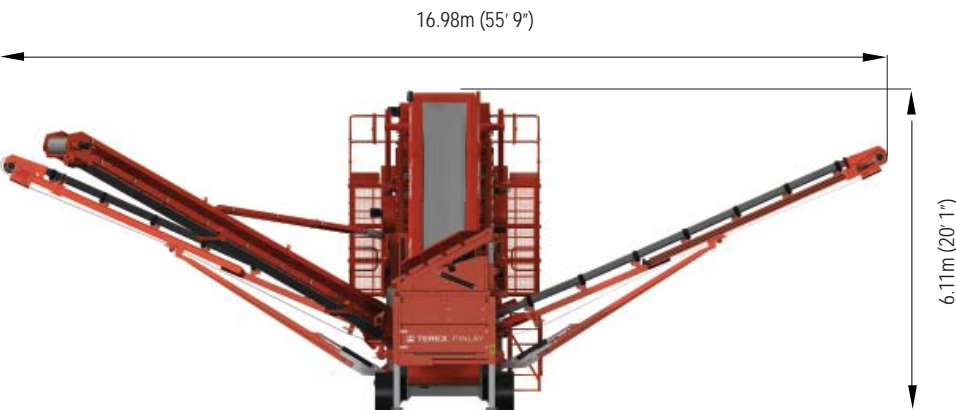
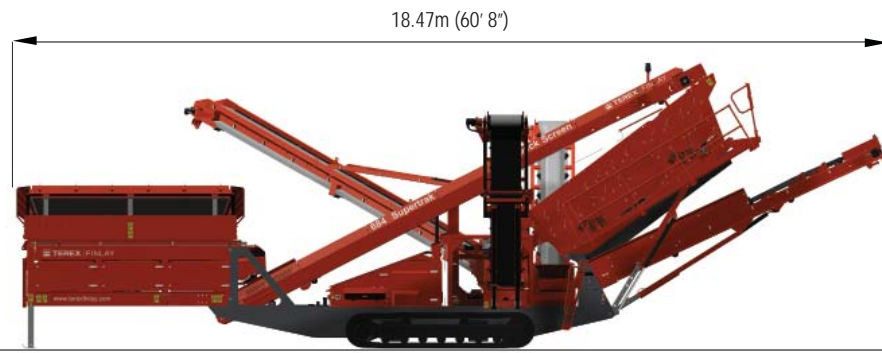
Special paint colour (if different from Terex MPE White RAL 1013 or Finlay Orange RAL 2002). RAL must be specified on order

684

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: 30,500kg (67,240lbs)