



TEREX® | FINLAY

674

674 INCLINED SCREEN



WORKS FOR YOU.™

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The Terex Finlay 674 is a compact easily transportable machine that offers operators rapid set up and tear down times. The screenbox features three decks giving a large screening area of 170ft² to provide efficient screening even at small fractions and high capacity. The screenbox features quick wedge tensioning, access holes and bottom deck hydraulic tensioning system to reduce time required for mesh changes. All four discharge conveyors are adjustable and hydraulically fold for transport. The fourth product ‘oversize plus’ conveyor has variable tilt and side slew to accurately discharge material for recirculation and stockpiling.

STANDARD FEATURES
ENGINE:

Tier 3 / Stage 3A Caterpillar C4.4- 4 cylinder diesel engine developing 83kW (111.3 hp) 2200 RPM

Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 98.1kW (110 Hp) 2200 RPM

Tier 3 / Stage 3A CAT 4.4 constant speed engine - 4 cylinder diesel engine developing 98.1kW (131Hp) @1800rpm – Europe Only

FEEDER CONVEYOR / HOPPER:

4.25m (14ft) wide hopper - 8.0m³ (10.5cu yard) capacity

1050mm (42") wide variable speed belt feeder

Remote control hydraulic tipping reject grid c/w grouser bars 4.25m x 100mm spacing (14'-0" x 4")

SCREENBOX

3.66m x 1.52m (12' x 5') top & middle deck screen and 3.00m x 1.52m (10' x 5') bottom deck screen

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

Top deck screenbox reject chute c/w wear resistant and low friction liners.

MAIN CONVEYOR:

1000mm (39") wide main belt

Skirting on main conveyor

Anti-rollback plates (2nr)

SIDE CONVEYORS

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

OVERSIZED PLUS CONVEYOR

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

FINES CONVEYOR

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

GENERAL:

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 (6)

Oversize Plus Conveyors

- ▶ Belt width: 500 mm (19.7")
- ▶ Belt spec: Chevron, EP 315, 3 ply
- ▶ Working Angle: 20-23°
- ▶ Discharge Height: 4071 - 4476 mm (13' 4" to 14' 8")
- ▶ Operating angle variable between 40° and 60°
- ▶ Stockpile capacity: 88.4 - 114.4 m^3 (3121 - 4039 cu. Ft.)

Hopper / Feeder

- ▶ Hopper Capacity: 8.0 m³ (10.46 yd³ 282.5 Ft³)
- ▶ Feed height: 3.52 m (11' 4")
- ▶ Drive: Hydraulic variable speed drive via high torque gearbox
- ▶ Beltfeeder belt width: 1050 mm (3' 5")
- ▶ Belt Spec: Plain EP 630, 4 ply, 6 + 2mm covers.
- ▶ Speed: variable, 0-16 mpm (0- 53' per min)

Main Conveyor

- ▶ Belt width: 1000 mm
- ▶ Belt spec: Plain 3 ply belt, EP400
- ▶ Working Angle: 21-28°
- ▶ Belt Speed: 100 mpm (328' per minute)
- ▶ Steel skirted full length of conveyor

Fines conveyor

- ▶ Drive: Hydraulic variable speed drive via high torque 630cc motor
- ▶ Belt width: 1.2m (48")
- ▶ Belt spec: Plain, 3 ply, EP315
- ▶ Working Angle: Variable 33° (Max)
- ▶ Rosta scraper on head drum
- ▶ Speed: variable speed, 120 mpm (400' per min)
- ▶ Standard Discharge Height: 4.36m (14' 4")
- ▶ Stockpile capacity: 106.3m³ (139yd³) @ 25

SIDE CONVEYORS

- ▶ Belt width: 650 mm
- ▶ Belt spec: Chevron 3 ply EP315
- ▶ Working Angle: 24°
- ▶ Speed: Variable speed, 0-121mpm (0-397' per min)
- ▶ Discharge Height: 4755 mm (15' 7")
- ▶ Stockpile capacity: 147 m³ (5190 Ft³)

Screenbox

- ▶ Tensioning top & middle deck: side
- ▶ Drive: hydraulic with heavy duty bearing
- ▶ Screen Angle: 18° - 37°, hydraulic adjust
- ▶ Screen Speed: 1120 rpm
- ▶ Screen stroke Min/Max range: 6.5 -9.6 mm
- ▶ Screen stroke standard: 6.5mm (1/4")
- ▶ Total screening area: 15.7 m^2 (170 sq. ft)

Power unit

- ▶ Tier 3 / Stage 3A: CAT (4.4 ATAAC)
Engine Power: 83kW (111hp)
Engine Speed: 2200 rpm
- ▶ Tier 4F / Stage IV: CAT (4.4 ATAAC)
Engine Power: 82kW (110hp)
Engine Speed: 2200 rpm
- ▶ Tier 3 /Stage 3A: CAT (constant speed)
Engine Power: 98.1kW (131hp)
Engine Speed: 1800 rpm

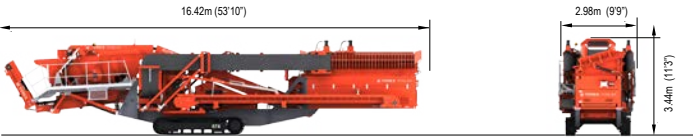
Features:

- ▶ Triple deck screen with galvanized all round fixed catwalk access for ease of operation and maintenance.
- ▶ The fourth (oversize plus) conveyor provides variable tilt and slide slew capability to accurately discharge materials for recirculation to crushers or for stockpiling.
- ▶ Maximum utilisation of the three decks provides ultra-efficient screening capabilities even at small aggregate sizes.
- ▶ Updated hopper and belt feeder gives improved material flow onto main conveyor.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 18° - 37°

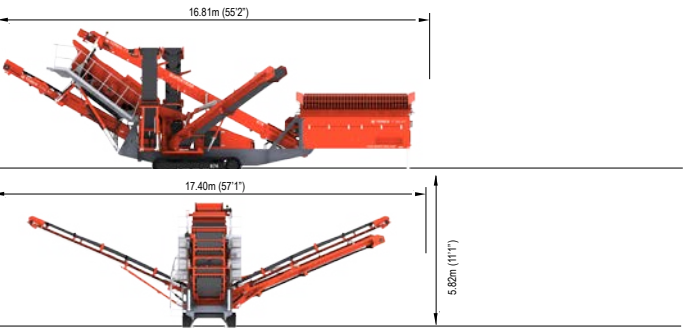


Machine Weight: 28,500kg (62,832lbs)

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



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