

 **TEREX** | FINLAY

# INCLINED SCREEN



**674**  
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**WORKS FOR YOU.**<sup>TM</sup>

# 674

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 170ft<sup>2</sup> 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 75kw @ 1800 rpm

Stage 3A CAT 4.4 constant speed engine - 98.1kw (131hp) @1800rpm – Europe Only

### FEEDER:

Hopper Capacity: 4.25m (14ft)

Belt width: 1.05m (42") 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)

### MAIN CONVEYOR:

Belt Width: 1000mm (40") c/w skirting

Anti-rollback plates (2nr)

### OVERSIZE PLUS:

Belt Width: 500mm (20")

### SIDE CONVEYORS:

Belt Width: 650mm (26") on both side conveyors

### FINES CONVEYOR:

Belt Width: 1.2m (48")

Control operation of tracks via hand-held set

### ELECTRICAL:

Emergency stops

Control operation of tracks via hand-held set

T-Link Telemetry System fitted c/w 3 years data

### GENERAL:

Safety guards in compliance with machinery directive

Low Level Greasing

### Oversize Plus Conveyors

- ▶ Belt width: 500 mm (20")
- ▶ Belt spec: Chevron, EP 315, 3 ply
- ▶ Working Angle: 20-23°
- ▶ Discharge Height: variable 4.47m (max)
- ▶ Operating angle variable between 40° and 60°
- ▶ Stockpile capacity: 123m<sup>3</sup> (162yd<sup>3</sup>)

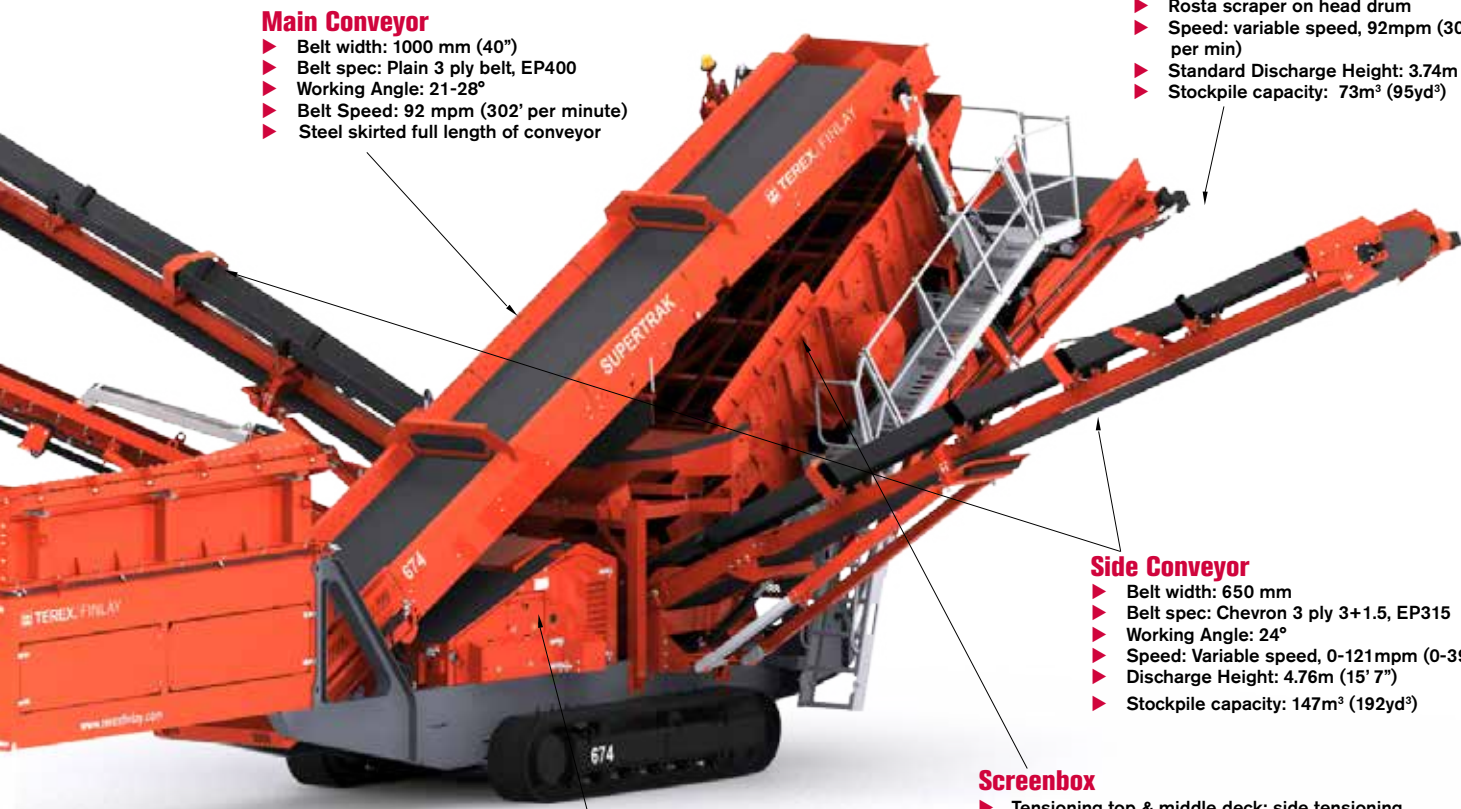
### Hopper / Feeder

- ▶ Hopper Capacity: 8.0 m<sup>3</sup> (10.5yd<sup>3</sup>)
- ▶ Feed height: 3.45m (11' 4")
- ▶ Drive: Hydraulic variable speed drive via high torque gearbox
- ▶ Beltfeeder belt width: 1.05m (3' 5")
- ▶ Belt Spec: Plain 3 ply, EP400,
- ▶ Speed: variable, 0-16 mpm (0- 53' per min)

## 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 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°





**Main Conveyor**

- ▶ Belt width: 1000 mm (40")
- ▶ Belt spec: Plain 3 ply belt, EP400
- ▶ Working Angle: 21-28°
- ▶ Belt Speed: 92 mpm (302' 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, EP400
- ▶ Working Angle: 14°-33°
- ▶ Rosta scraper on head drum
- ▶ Speed: variable speed, 92mpm (302' per min)
- ▶ Standard Discharge Height: 3.74m (12' 3")
- ▶ Stockpile capacity: 73m<sup>3</sup> (95yd<sup>3</sup>)

**Side Conveyor**

- ▶ Belt width: 650 mm
- ▶ Belt spec: Chevron 3 ply 3+1.5, EP315
- ▶ Working Angle: 24°
- ▶ Speed: Variable speed, 0-121 mpm (0-397' per min)
- ▶ Discharge Height: 4.76m (15' 7")
- ▶ Stockpile capacity: 147m<sup>3</sup> (192yd<sup>3</sup>)

**Screenbox**

- ▶ Tensioning top & middle deck: side tensioning
- ▶ Bottom deck end tensioned
- ▶ 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: 15.7m<sup>2</sup> (170 sq. ft)

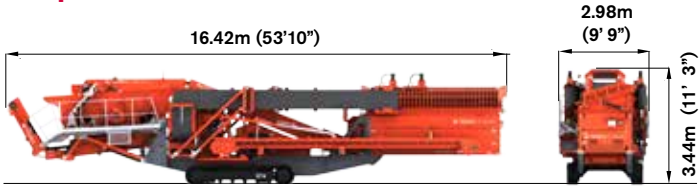
**Power unit**

- ▶ Tier 3 / Stage 3A: CAT (4.4 ATAAC)  
Engine Power: 75kW (101hp)  
Engine Speed: 1800 rpm
- ▶ Stage IIIA Constant Speed: Caterpillar 4.4  
Engine Power: 98.1kW (131hp)  
Engine Speed: 1800 rpm
- ▶ Tier 4F/ Stage IV: Caterpillar 4.4  
Engine Power: 82kW (110hp)  
Engine Speed: 1800 rpm

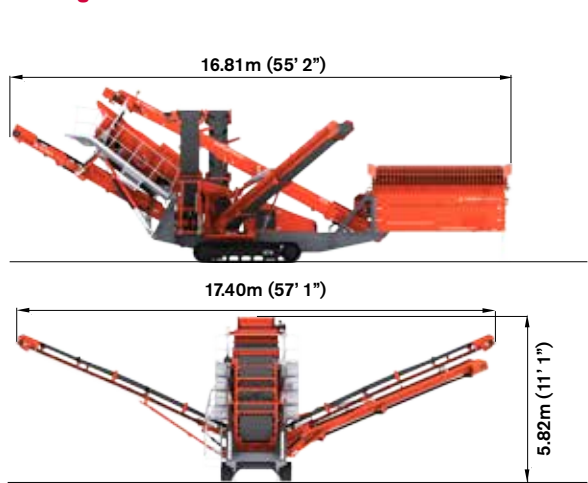


Machine Weight: 28,500kg (62,832lbs)

**Transport Dimensions**

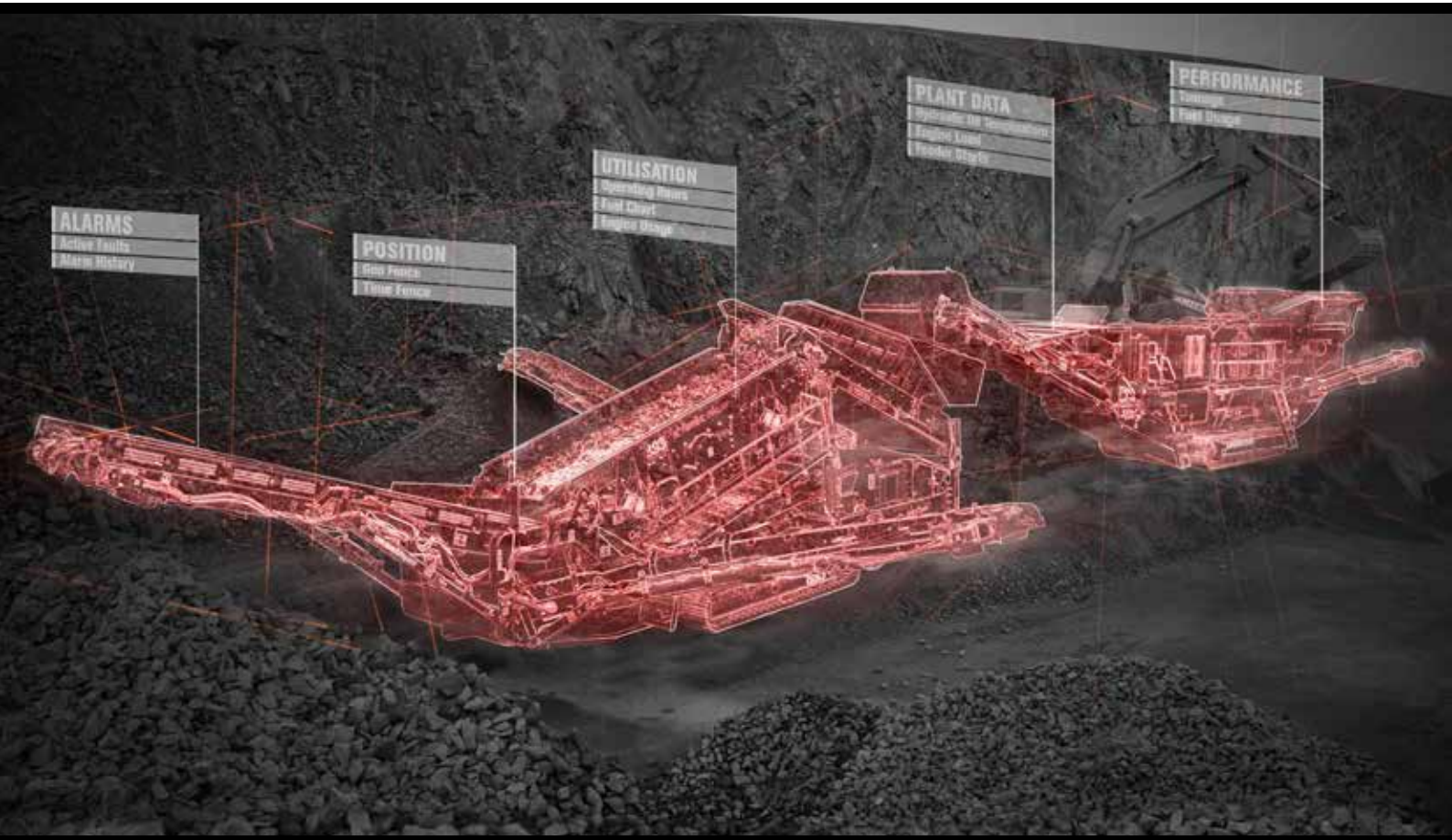


**Working Dimensions**





## FLEET MANAGEMENT SYSTEM



### FOR FURTHER INFORMATION CONTACT:

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