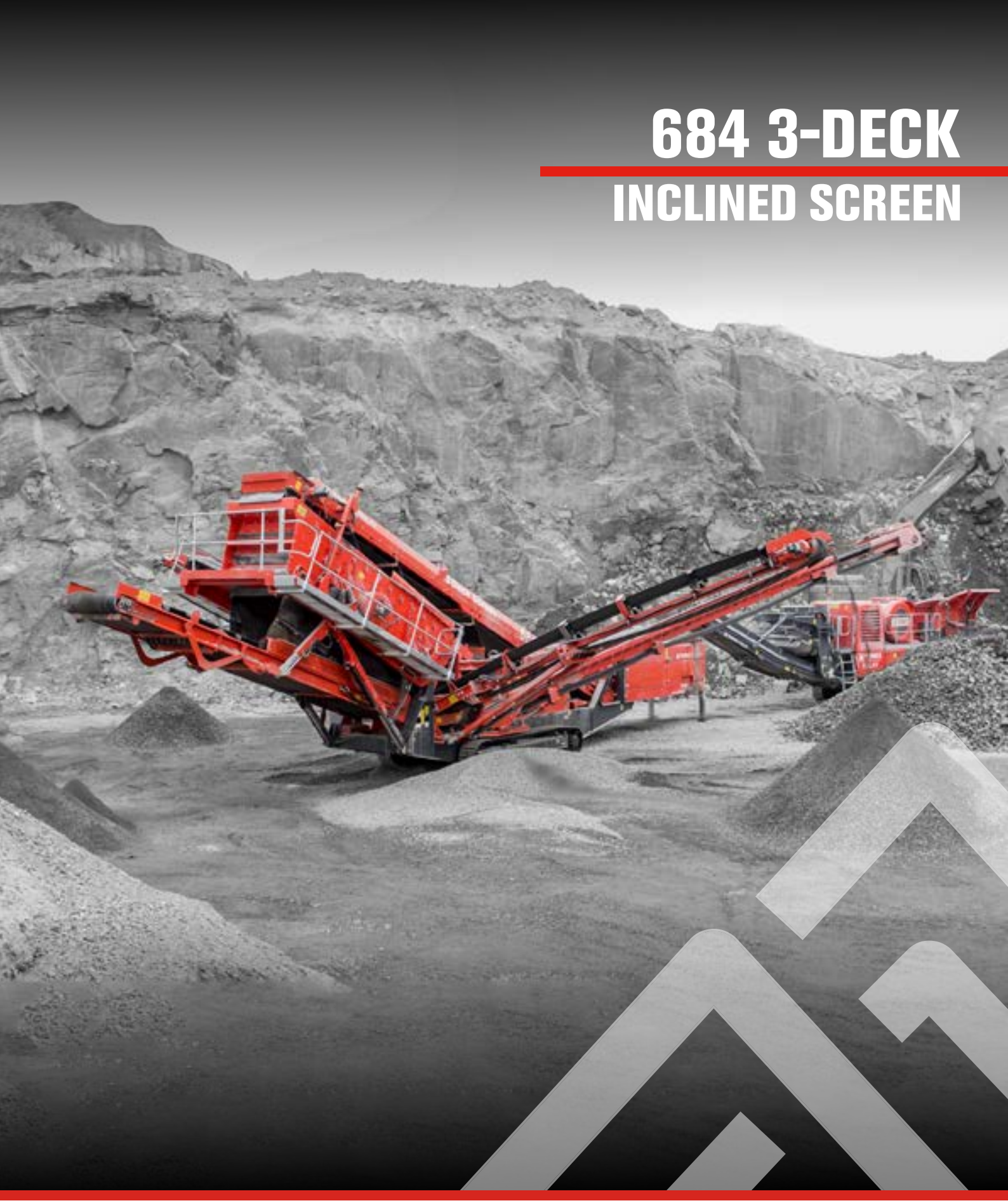
684 3-DECK
INCLINED SCREEN



HYBRID TECHNOLOGY

STRONG **HERITAGE**, STRONG **FUTURE**

FINLAY®
A TEREX BRAND

684 3-DECK
INCLINED SCREEN

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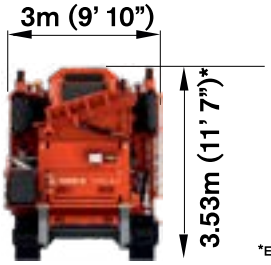
The Terex Finlay 684 is a compact easily transportable machine that offers operators rapid set up and tear down times. The screenbox features three large 4.3m x 1.7m (14' x 5' 7") inclined screens giving a large screening area of 235ft2 to provide efficient screening and high capacity. The screenbox 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.

FEATURES

- Machine can operate on either On-Board Engine or External Power Supply.
- Triple deck 4.3m x 1.7m (14' x 5' 7") screen with full catwalk access.
- 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 three 4.3m x 1.7m (14' x 5' 7") decks provides ultra-efficient screening capabilities even at small aggregate sizes.
- A combination of quick wedge tensioning, convenient access holes and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.
- Optional Vibrating grid available to separate bigger size material for ROM screening.

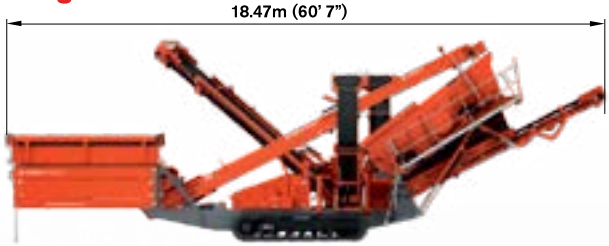
Transport Dimensions





*Extended conveyor height

Working Dimensions





❶ POWER UNIT

- Tier 3 / Stage IIIA: Caterpillar 4.4
  Engine Power: 83kW (111hp)
  Engine Speed: 1800 rpm
- Dual Power - 2X37kW Motors

❷ HOPPER / FEEDER

- Hopper Capacity: 8m³ (10.5yd³)
- Feed height: 3.51m (11' 6")
- Feed in width: 4.77m (15' 8") (grid wing plates)
- Grid aperture: 100mm (4")
- Beltfeeder belt width: 1.05m (42")
- Speed: variable, 0 - 16 mpm (0 - 53' per min)
- Wide mouth opening

❸ SCREENBOX

- Both decks: 4.3m x 1.7m (14' x 5' 7")
- Wedge Side tensioned top deck
- Hydraulic end tensioned bottom deck mesh
- Drive: Hydraulic heavy duty 2-Bearing
- Screen Angle: 18° - 37°, hydraulic adjust
- Screen Speed: 1040 rpm
- Screen stroke standard: 6mm (1/4")
- Abrasion resistant material impact plate
- Galvanised access catwalk at both sides and top end of screen

❹ MAIN CONVEYOR

- Belt width: 1m (40")
- Steel skirted full length of conveyor
- 2nr Anti-rollback Plates
- Hydraulic Slide adjust

❺ FINES CONVEYOR

- Belt width: 1.2m (48")
- Working Angle: Variable 25° (Max)
- Rosta scraper on head drum
- Standard Discharge Height: 4.15m (13' 7")
- Stockpile capacity: 106m3 (139yd3)@25 Degree

❻ UNDERCARRIAGE

- Shoe Width: 400mm (16")
- Sprocket Centres: 3.28m (10' 9")
- Speed: 0.8 km/h
- Gradeability: 25.5°
- Raking Angle: 8°

❼ SIDE CONVEYOR

- Belt width: 650mm (26")
- Working Angle: 24°
- Speed: Variable speed,
- Hydraulic Folding
- Discharge Height: 4.76m (15' 7")
- Stockpile capacity: 147m³ (192yd³)

❽ OVERSIZE PLUS CONVEYOR

- Belt width: 500mm (20")
- Working Angle: 20^0 - 23^0
- Speed: variable speed,
- Discharge Height: variable 4.47m (max)
- Operating angle variable between 40^0 and 60^0
- Stockpile capacity: 123³m (162³yd)

HYBRID TECHNOLOGY





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