The fourth generation Terex Finlay 883+ has been developed as a high capacity and versatile heavy duty scalper to work in primary and secondary screening applications such as quarry and mining, iron ore, construction demolition waste, sand, gravel, compost, top soil and coal.

The plant has the capacity to process at a rate of up to 600 tonnes per hour and can be fed either by a tracked mobile crusher, shovel or an excavator.

The machine is available with dual power technology giving flexibility to be powered by an external power supply or the standard on-board engine.

**Features:**
- Modular configuration screen box with 4.8m x 1.5m (16' x 5') top deck and 4.8m x 1.5m (16' x 5') bottom deck screen.
- Each on board discharge conveyor is powered by a separate hydraulic circuit as standard.
- Width of fines conveyor is now 900mm (36") as standard.
- The banana profile and increased area of the new bottom deck maximizes screening of fines material.
- Screen box discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.
- Fully reversible side conveyors as standard, which offers ultimate flexibility to the customer depending on their specific requirements.

**STANDARD FEATURES**

**ENGINE:**
- Tier 3 Equivalent Caterpillar C4.4 - 4 cylinder diesel engine developing 83kW (110hp) 1800 rpm
- Stage 3A Caterpillar C4.4 98kW (131hp) Constant Speed Engine - 4 cylinder diesel engine developing 98kW (131hp) 1800 rpm

**FEEDER:**
- Abrasion Resistant plate steel pan apron feeder with heavy duty chain drive
- Fixed Hopper
- Remote start stop of pan feeder

**SCREENBOX:**
- Modular configuration screen box
- Hydraulic raise for mesh changing (500mm)
- No mesh included for any deck (but all mesh fitting parts included as standard)

**OVERSIZE CONVEYOR:**
- Belt Width: 900mm (36")
- Belt spec: chevron belt
- Speed: variable speed 127m/min (417 ft/min) max belt speed
- Impact bars 2/3 Length of Conveyor (Full length optional)
- Stockpile capacity: 102.5m³ (134.1yd³)

**MIDGRADE CONVEYOR:**
- Belt width: 800mm (32")
- Belt spec: chevron belt
- Working Angle: 18° - 24° max
- Speed: variable speed 53 m/min max belt speed
- Steel skirted full length of conveyor
- Discharge Height: 3.6m (11' 10")
- Stockpile capacity: 58m³ (76yd³) max

**FINES CONVEYOR:**
- Belt Width: 1.2m (48")
- Belt spec: plain belt
- Speed: variable speed 77 m/min (253 ft/min) max belt speed
- Impact bars 2/3 Length of Conveyor (Full length optional)
- Stockpile capacity: 164.5m³ (215yd³)

**TRANSFER CONVEYOR:**
- Belt width: 900mm (36")
- Belt spec: 2 ply belt, EP 400
- Speed: 77 m/min (253 ft/min)
- Conveyor fully skirted

**POWER UNIT:**
- Tier 4F / Stage IV : Caterpillar C4.4
- Engine Speed: 1800 rpm
- Engine Power: 98kW (131hp)
- Tier 3 Equivalent: Caterpillar C4.4
- Engine Speed: 1800 rpm
- Engine Power: 83kW (111.3hp)
- Drive: Hydraulic variable speed drive (0-25mph) via high torque gear box

**TRANSFER CONVEYOR:**
- Belt width: 1.2m (48")
- Belt spec: plain belt
- Speed: 127 m/min (417 ft/min) max belt speed
- Working Angle: 22° - 26° max

**OVERCARRIAGE:**
- Shoe Width: 1m wide x 3.81m (40" x 12' 6")
- Sprocket Centres: 3.28m (10' 9")
- Speed: 0.8kph
- Shoe Width: 400mm (16")
- Catwalks: Galvanised access catwalk on both sides of screen
- Drive: hydraulic with heavy duty bearing (130mm)
- Screen Angle: 13° - 19°, hydraulic adjustable
- Screen Speed: 1000 rpm
- Extended Discharge Height: 4.1m (13' 5")
- Stockpile capacity: 102.5m³ (134.1yd³)

**CATWALKS:**
- Modular configuration screen box with 4.8m x 1.5m (16' x 5') top deck and 4.8m x 1.5m (16' x 5') bottom deck screen.
- Catwalks: Galvanized access catwalk on both sides of screen
- Screen Angle: 13° - 19°, hydraulic adjustable
- Screen Speed: 1000 rpm
- Extended Discharge Height: 4.1m (13' 5")
- Stockpile capacity: 102.5m³ (134.1yd³)

**NEW FEATURES:**
- Fully reversible side conveyors as standard
- Which offers ultimate flexibility to the customer depending on their specific requirements.

**PERFORMANCE**
- Stockpile capacity: 95m³ (124yd³) max
- Stockpile capacity: 70m³ (91yd³) max
- Extended Discharge Height: 3.4m (11' 2") max
- Standard Discharge Height: 3.4m (11' 2") max
- Extended Discharge Height: 4.1m (13' 5")
- Power: 83kW (111.3hp)