

# FINLAY

663

683

684 2-DECK

684 3-DECK

693+

694+

# 6 SERIES MOBILE INCLINED SCREENS



**BELL**

## 663

Finlay 663 combines the functions of scalping, screening and stockpiling into the one integrated mobile unit. Its rugged design enables the Finlay 663 with its top deck 3.05m x 1.25m (10' x 4') and bottom deck 2.35m x 1.25m (8' x 4') for screening materials such as sand and gravel, topsoil or aggregates. Standard features include a variable speed beltfeeder, remote tipping reject grid, hydraulic screen angle adjustment, hydraulic screen tensioning of bottom deck mesh and three on-board stockpiling conveyors.

### Features:

- ▶ The double deck screen box has all round catwalk access allowing for ease of operational maintenance.
- ▶ Tracked mobility and hydraulic folding product conveyors allow for ease of movement and rapid set up.
- ▶ Maximum utilisation of the two decks provide ultra-efficient screening capacities even at small aggregate sizes.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 18° and 39°.

### STANDARD FEATURES

Deutz D914 L04i - 4 cylinder air-cooled diesel engine developing 53kW (71Hp) @ 2300 RPM

Hopper capacity: 5.8m<sup>3</sup> (7.6 yd<sup>3</sup>)

800mm (32") wide variable speed belt feeder

100mm Remote control hydraulic tipping reject grid 3.2m (10' 6")

3.05m x 1.25m (10' x 4') top deck screen and 2.35m x 1.25m (8' x 4') bottom deck screen

No mesh or speedharps included for any deck (but all mesh fitting parts included as standard)

Hydraulic tensioning (bottom deck screen mesh)

Access catwalks to both sides and around top of screen

Screen box reject chutes (1 nr)

800mm (32") wide main belt

Skirting on main conveyor

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

1000mm (40") wide fines belt

Hydraulic jacking legs

Heavy duty undercariage unit with 400mm wide tracks

Control operation of tracks via hand-held set with 5m connection lead with heavy duty square connector

Low level greasing

Emergency stops (4 nr)

Safety guards in compliance with machinery directive

### Hopper / Feeder

- ▶ Hopper capacity: 5.8m<sup>3</sup> (7.6yd<sup>3</sup>) with tipping grid
- ▶ Plain belt: 1050mm (42")
- ▶ Grid opening: 3195mm (10' 6")
- ▶ Feed with wing plates: 3695mm (12' 1")
- ▶ Feed height: 3600mm (11' 10")
- ▶ Grid aperture: 100mm (4"), 150mm (6")
- ▶ Remote control hydraulic tipping reject grid
- ▶ Adjustable height and angle remote tipping grid with wing plates
- ▶ Hydraulic variable speed drive
- ▶ Belt speed: 0-16 mpm (53' per min)
- ▶ Double deck vibrating grid option



### Power unit

- ▶ Deutz D914 L04i
- ▶ 53kW (71hp) @ 2300 RPM



# FINLAY

## Oversize conveyor

- ▶ Standard discharge height: 4.1m (13' 6")
- ▶ Chevron belt: 650mm (26")
- ▶ Belt speed: 49mpm (161' per min)
- ▶ Stockpile capacity: 93m<sup>3</sup> (122yds<sup>3</sup>)
- ▶ Variable speed belt

## Main Conveyor

- ▶ Plain belt: 800mm (32")
- ▶ Belt speed: 92mpm (302 per min)
- ▶ 50cc / REV motor

## Fines conveyor

- ▶ Standard discharge height: 3.7m (12' 4")
- ▶ Plain belt: 100mm (40")
- ▶ Stockpile capacity: 80m<sup>3</sup> (105yd<sup>3</sup>)
- ▶ Belt speed: 92mpm (302' per min)

## Screenbox

- ▶ 2 Deck – 2 Bearing High capacity screenbox
- ▶ Top deck: 3m x 1.25m (10' x 4') 2 meshes end tensioned
- ▶ Bottom deck: 2.3 x 1.25m (8' x 4') 1 mesh end tensioned
- ▶ Abrasion resistant material impact and spreader plate
- ▶ Access catwalks at both sides and top end of machine
- ▶ Screen speed: 1250 rpm
- ▶ Hydraulic angle adjustment: 18° - 39°

## Middle grade conveyor

- ▶ Standard discharge height: 4.1m (13' 6")
- ▶ Chevron belt: 650mm (26")
- ▶ Belt speed: 49mpm (161' per min)
- ▶ Stockpile capacity: 93m<sup>2</sup> (122yds<sup>3</sup>)
- ▶ Variable speedbelt

## Tracks

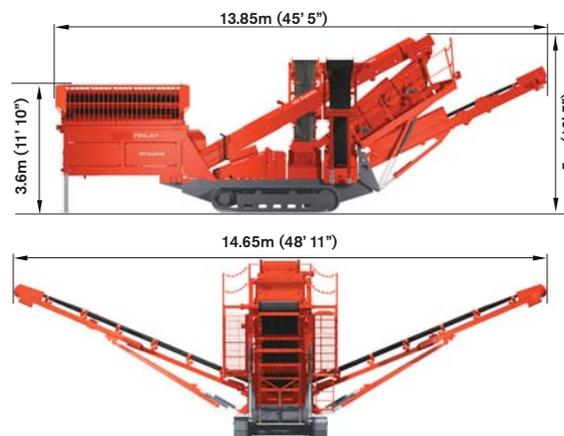
- ▶ Sprocket centres: 2.9m (9' 7")
- ▶ Shoe width 400mm (16")
- ▶ Gradability degrees: 25.5



## Transport Dimensions



## Working Dimensions



Machine Weight: \* 18,000kgs (39,680 lbs)  
\* With tipping grid

# BELL

# 683

Renown for its quality, performance and productivity the Finlay 683 combines scalping, screening and stockpiling into one self contained unit. Its rugged design enables the Finlay 683 with its top deck 3.66m x 1.52m (12' x 5') and bottom deck 3.00m x 1.52m (10' x 5') screen to handle materials such as sand and gravel, limestone, crushed stone, coal, topsoil and demolition waste. Remote tipping reject grid, hydraulic screen tensioning of bottom deck mesh and three on-board hydraulic folding conveyors are standard. The Finlay 683 is available on tracks or as a wheeled unit.

## Features:

- ▶ The double deck screen box has all round catwalk access allowing for ease of operational maintenance.
- ▶ Tracked mobility and hydraulic folding product conveyors allow for ease of movement and rapid set up.
- ▶ Maximum utilisation of the two decks provide ultra-efficient screening capacities even at small aggregate sizes.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 18° degree and 39°.

## STANDARD FEATURES

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

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

1050mm (42") wide variable speed belt feeder

Hopper capacity: 8.0m<sup>3</sup> (10.5yd<sup>3</sup>) - 4.25m (14') wide hopper

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

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

No mesh or speedharps included from any deck (but all mesh fitting parts included as standard)

Hydraulic tensioning (bottom deck screen mesh)

Galvanised access catwalks to both sides and around top of screen

Screenbox reject chute (1)

1000mm (40") wide main belt

Skirting on main conveyor

1200mm (48") wide fines belt

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

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

# FINLAY

## Middle grade conveyor

- ▶ 650mm (26") 2 ply EP250 chevron belt with variable speed
- ▶ Belt speed: 49mpm (161' per min)
- ▶ Conveyor motors: 500cc/REV
- ▶ Drum centres: 9390mm (30' 10")
- ▶ Discharge height: 4720mm (14')
- ▶ Stockpile capacity: 194m<sup>3</sup> (254yd<sup>3</sup>)

## Hopper / Feeder

- ▶ Hopper capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>)
- ▶ 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")

Tipping grid



### Main conveyor

- ▶ 1000mm (40") 3ply belt, EP400
- ▶ Hydraulic drive with steel skirting
- ▶ 630cc/REV Motor
- ▶ Belt speed: 92mpm (302' per min)
- ▶ Drum centres: 8710mm (28' 7")

### Fines conveyor

- ▶ 1200mm (48") 3 ply belt, EP400
- ▶ Belt speed: 92 mpm (302' per min)
- ▶ 630cc/REV Motor
- ▶ Drum centres: 6140mm (20' 2")
- ▶ Discharge height: 3856mm (12' 8")
- ▶ Stockpile capacity: 106m<sup>3</sup> (139yd<sup>3</sup>)

### Oversize conveyor

- ▶ 650mm (26") 2 ply EP250 chevron belt with variable speed
- ▶ Belt speed: 49mpm (161' per min)
- ▶ Conveyor motors: 500cc/REV
- ▶ Drum centres: 9390mm (30' 10")
- ▶ Discharge height: 4720mm (14')

### Screen box

- ▶ 2 bearing high performance screenbox
- ▶ 3660mm x 1524mm (12' x 5') top deck, 3 meshes (side tensioned)
- ▶ 3000mm x 1524mm (10' x 5') bottom deck, 2 meshes (end tensioned)
- ▶ Hydraulic tensioning (bottom deck screen mesh)
- ▶ Galvanised access catwalks on both sides and top end of screen
- ▶ Screen speed: 1200rpm
- ▶ Screen Motor: 51cc/rev
- ▶ Impact plate together with spreader plate
- ▶ Hydraulic angle adjustment from 18° - 39°

### Power unit

- ▶ Tier 3 / Stage 3A: Caterpillar C4.4 ATAAC 83kW (111.3hp)
- ▶ Tier 4i / Stage 3B: Caterpillar C4.4 82kW (110hp)

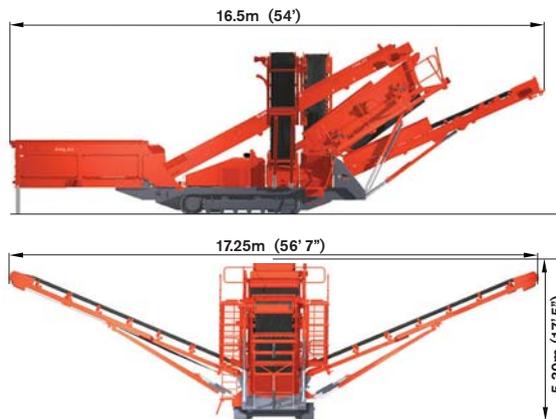
### Tracks

- ▶ Sprocket centres: 2.9m (9' 7")
- ▶ Shoe width 400mm (16")

### Transport Dimensions



### Working Dimensions



Machine Weight: \* 25,000kgs (54,800lbs)

\* With tipping grid

# BELL

## 684 (2-DECK)

The **NEW** Finlay 684 is a compact easily transportable machine that offers operators rapid set up and tear down times. The **NEW** screenbox features two large 4.3m x 1.7m (14' x 5' 7") inclined screen decks giving a large screening area to provide efficient screening and high capacity. The screenbox features quick wedge tensioning on the top deck, access holes and bottom deck hydraulic tensioning system to reduce time required for mesh changes. All three discharge conveyors are adjustable and hydraulically fold for transport.

### Features:

- ▶ **NEW** double deck 4.3m x 1.7m (14' x 5' 7") screen with full catwalk access.
- ▶ Maximum utilisation of the two 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 on the top deck, convenient access holes and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.

### 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: 8.0m<sup>3</sup> (10.5yd<sup>3</sup>) - 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 and bottom deck screenbox

No mesh or speedharps included for any deck (but all mesh fitting parts included as standard)

2 deck - 2 bearing high performance screenbox

Hydraulic tensioning (bottom deck screen mesh)

Galvanised access catwalks to both sides and around top of screen

Screenbox reject chutes (1nr)

1000mm (39") wide main belt

Skirting on main conveyor

Anti-rollback plates (3nr)

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

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 (6)

Safety guards in compliance with machinery directive

### Oversize conveyor

- ▶ Maximum standard discharge height: 4845mm (15' 11")
- ▶ Chevron belt: 650mm (26")



### Hopper / Feeder

- ▶ Hopper capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>)
- ▶ Plain belt: 1050mm (42")
- ▶ Drive: Hydraulic/Gearbox
- ▶ 14' Tipping Grid
- ▶ 12' Double Deck Vibrating Grid
- ▶ Crusher feed-in chute option

### Power unit

- ▶ Tier 3 / Stage 3A: Caterpillar C4.4
- ▶ Tier 4i / Stage 3B: Caterpillar C4.4



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### Main conveyor

- ▶ Plain belt: 1000mm (40")
- ▶ Discharge into screen in working mode can be hydraulically adjusted
- ▶ Can be pinned in maintenance position to improve top deck mesh access

### Middle grade conveyor

- ▶ Maximum standard discharge height: 4755mm (15' 7")
- ▶ Chevron belt: 650mm (26")

### Screenbox

- ▶ Length: 4300mm (14')
- ▶ Width: 1700mm (5' 7")
- ▶ Angle: 18° to 32°
- ▶ 2 Deck, 2 Bearing high performance screenbox
- ▶ All round catwalk access



### Fines conveyor

- ▶ Standard discharge height: 4360mm (14' 4")
- ▶ Plain belt: 1200mm (47")
- ▶ Variable operating angle

Generator C4.4 ATAAC 83kW (111hp)  
Generator C4.4 82kW (110hp)

### Tracks

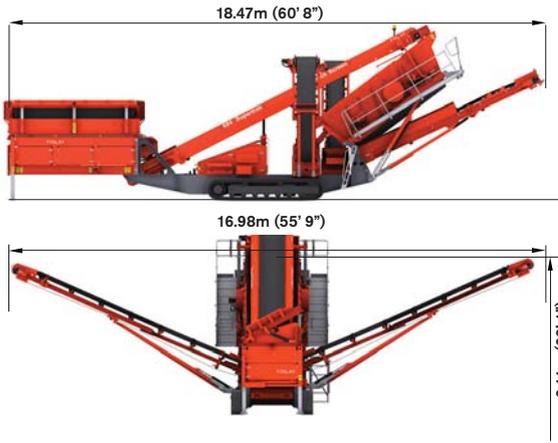
- ▶ Sprocket Centres: 3280mm (10' 9")
- ▶ Shoe: 400mm (16") single speed tracking



### Transport Dimensions



### Working Dimensions



Machine Weight: 28,750kg (63,380 lbs)



## 684 (3-DECK)

The 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 236ft<sup>2</sup> 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:

- ▶ 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.

### 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: 8.0m<sup>3</sup> (10.5yd<sup>3</sup>) - 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)

2 deck - 2 bearing high performance screenbox

Hydraulic tensioning (bottom deck screen mesh)

Galvanised access catwalks to both sides and around top of screen

Screenbox reject chutes (2nr)

1000mm (40") wide main belt

Skirting on main conveyor

Anti-rollback plates (3nr)

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

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

### Main conveyor

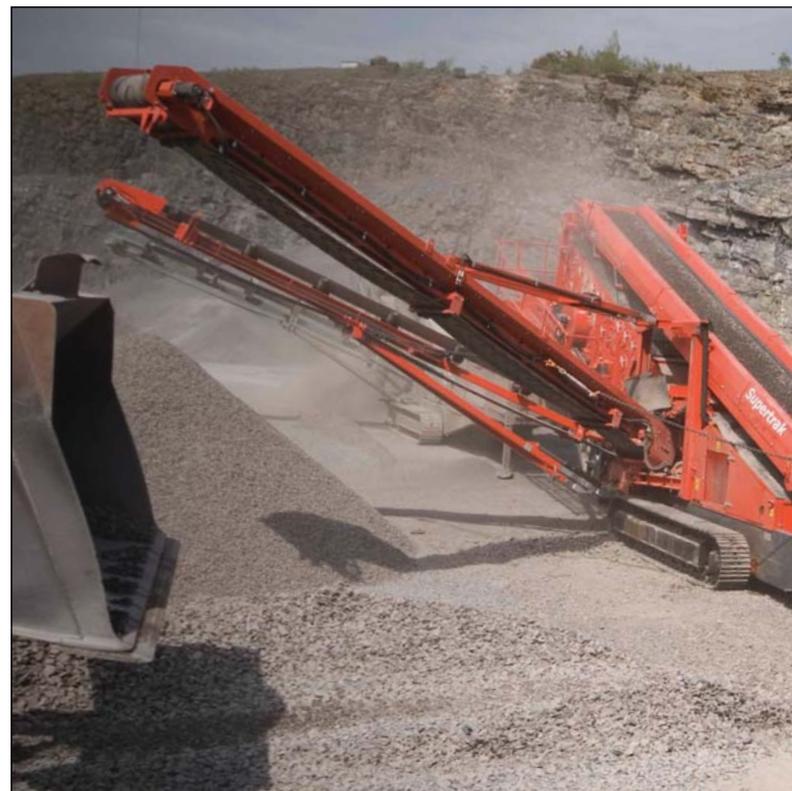
- ▶ Plain belt: 1000mm (40")
- ▶ Discharge into screen in working mode can be hydraulically adjusted
- ▶ Can be raised 330mm (13") in transport mode to assist in mesh changing

### Fines conveyor

- ▶ Standard discharge height: 4360mm (14' 4")
- ▶ Plain belt: 1200mm (48")
- ▶ Variable operating angle

### Middle grade conveyor

- ▶ Discharge height: 4755mm (15' 7")
- ▶ Chevron belt: 650mm (26")
- ▶ Variable speedbelt



# FINLAY

### Screenbox

- ▶ Length: 4300mm (14')
- ▶ Width: 1700mm (5' 7")
- ▶ Angle: 18° - 37°
- ▶ 3 Deck, 2 Bearing high performance screenbox
- ▶ Total screening area: 21.9m<sup>2</sup> (236ft<sup>2</sup>)
- ▶ All round catwalk access

### Oversize+ conveyor

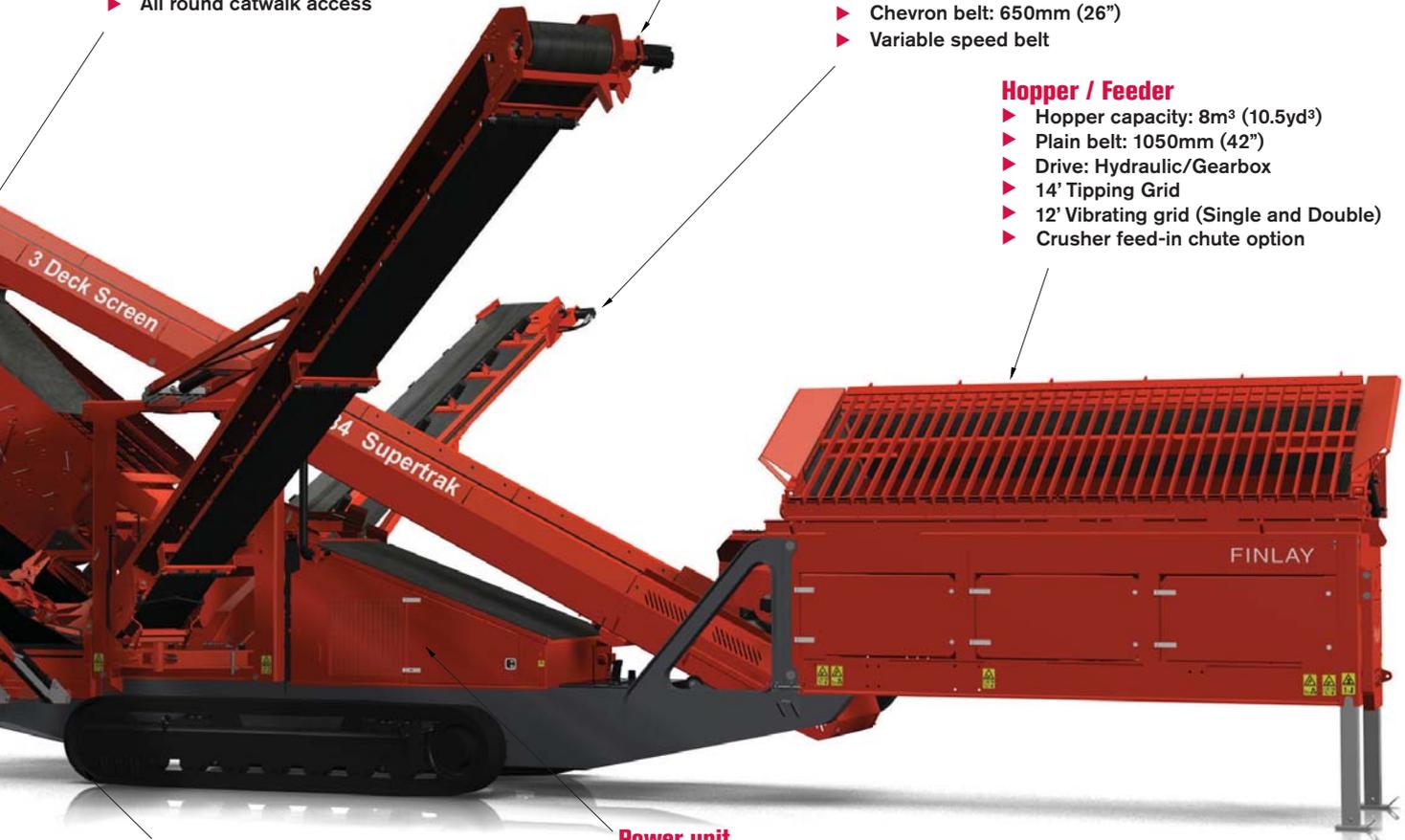
- ▶ Maximum standard discharge height: 4.4m - 5.3m variable
- ▶ Chevron belt: 500mm (20")
- ▶ Swivel about vertical axis: 15° to 24° for plant alignment
- ▶ Hydraulic adjustment and folding

### Oversize minus conveyor

- ▶ Maximum standard discharge height: 4755mm (15' 7")
- ▶ Chevron belt: 650mm (26")
- ▶ Variable speed belt

### Hopper / Feeder

- ▶ Hopper capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>)
- ▶ Plain belt: 1050mm (42")
- ▶ Drive: Hydraulic/Gearbox
- ▶ 14' Tipping Grid
- ▶ 12' Vibrating grid (Single and Double)
- ▶ Crusher feed-in chute option



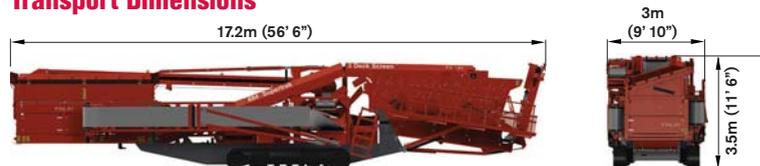
### Tracks

- ▶ Sprocket Centres: 3280mm (10' 9")
- ▶ Shoe: 400mm (16") single speed tracking

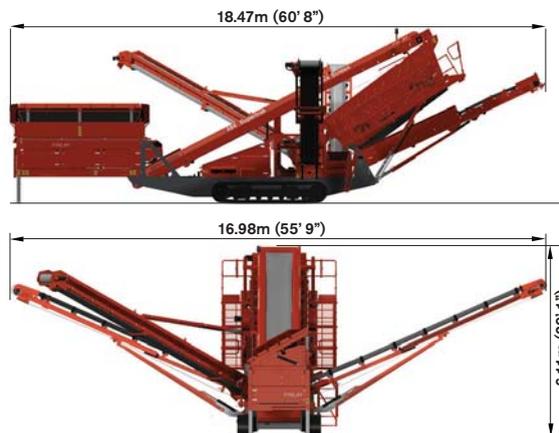
### Power unit

- ▶ Tier 3 / Stage 3A: Caterpillar C4.4 ATAAC 83kW (111hp)
- ▶ Tier 4i / Stage 3B: Caterpillar C4.4 82kW (110hp)

### Transport Dimensions



### Working Dimensions



Machine Weight: 33,000kgs (72,750lbs)

# BELL

## 693+

The Finlay 693+ has been designed and developed to fulfill the demands of today's high production producer. The double deck screen configuration provides two full sized 20' x 5' (6.1m x 1.525m) screen decks. A high capacity belt feed hopper is available with remote tipping grid or double deck vibrating grid. Impressive features include hydraulic tipping reject grid complete with grouser bars, three on-board hydraulic folding conveyors and low level greasing access points.

### Features:

- ▶ The double deck 6.1m x 1.5m (20' x 5') screen box with full catwalk access is the largest and most accessible in its class.
- ▶ A combination of quick wedge tensioning on the top deck and hydraulic tensioning on the bottom deck ensure mesh set up and change out times are kept to an absolute minimum.
- ▶ Maximum utilisation of the 6.1m x 1.5m (20' x 5') decks provide ultra-efficient screening capacities even at small aggregate sizes.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 18° and 30°.

### STANDARD FEATURES

Tier 3 / Stage 3A Caterpillar C4.4 ATAAC - 4 cylinder diesel engine developing 83kW (111.3hp) @ 2200 RPM  
Tier 4i / Stage 3B - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 2200 RPM

1200mm (48") wide variable speed belt feeder

Hopper capacity: 8.0m<sup>3</sup> (10.5yd<sup>3</sup>) - 4.25m (14ft) wide. Complete with 10mm replaceable steel liners

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

6.1 x 1.5m (20' x 5') top and bottom deck screen

Hydraulic tensioning (bottom deck screen mesh)

No mesh or speedharps included for any deck (but all mesh fitting parts included as standard)

Galvanised access catwalks to both sides and around top of screen

Quick wedge tensioning - top deck

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

1200mm (48") wide fines belt

800mm (32") wide chevron belt on both side conveyors

Skirting on main conveyor

Heavy duty undercarriage unit with 500mm wide tracks

Control operation of tracks via hand-held set with 5m connection lead with heavy duty square connector

Safety guards in compliance to Machinery Directive

Low level central greasing & emergency stops (4)

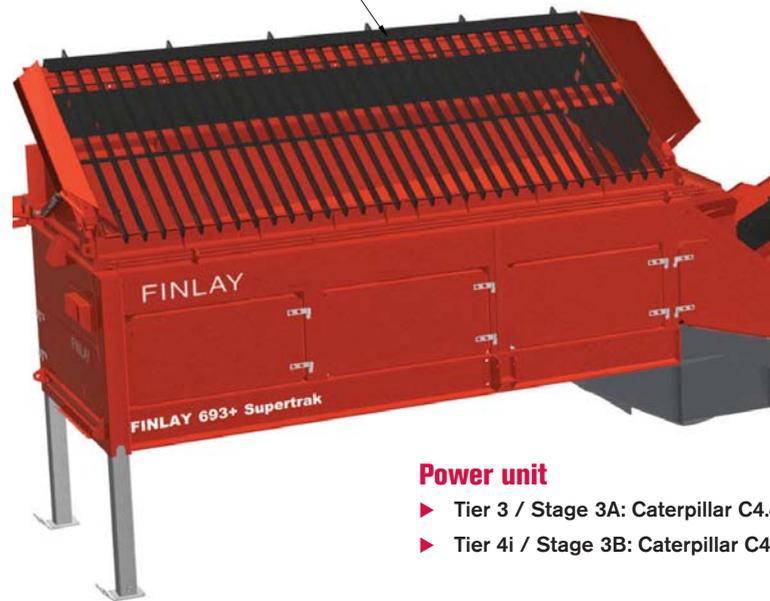
Wear resistant screenbox reject chute (1nr)

### Middle grade conveyor

- ▶ Standard discharge Height: 4.7m (15' 6")
- ▶ Chevron belt: 800mm (32")
- ▶ Variable speedbelt
- ▶ Stockpile capacity: 193m<sup>3</sup> (252 yds<sup>3</sup>)

### Hopper / Feeder

- ▶ Hopper capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>)
- ▶ Plain belt: 1200mm (48")
- ▶ Grid opening: 4.2m (14') long
- ▶ Feed with wing plates: 4765mm (15' 8")
- ▶ Grid aperture: 100mm (4") / 150mm (6")
- ▶ Remote tipping grid as standard
- ▶ Double deck tipping grid option
- ▶ Hydraulic variable speed drive



### Power unit

- ▶ Tier 3 / Stage 3A: Caterpillar C4.4
- ▶ Tier 4i / Stage 3B: Caterpillar C4.4



# FINLAY

### Screen box

- ▶ 2 Deck – 2 Bearing High Performance Screenbox
- ▶ Top deck: 6.1m x 1.5m (20' x 5') 5 meshes wedge tensioned
- ▶ Bottom deck: 6.1m x 1.5m (20' x 5') 3 meshes end tensioned
- ▶ Abrasion resistant material impact and spreader plate.
- ▶ Galvanised access catwalks on both sides and top of screenbox
- ▶ Screen speed: 1000 rpm
- ▶ Hydraulic angle adjustment: 18-30°

### Main conveyor

- ▶ Plain belt: 1200mm (48")
- ▶ Belt speed: 92mpm (302rpm)

### Fines conveyor

- ▶ Discharge height: 5200mm (17' 1")
- ▶ Plain belt: 1200mm (48")
- ▶ Stockpiling capacity: 260m<sup>3</sup> (340 yds<sup>3</sup>)
- ▶ Belt speed: 92mpm (302rpm)
- ▶ Drum centres: 8075mm (26' 6")

### OverSize Conveyor

- ▶ Standard discharge height: 4.7m (15' 6")
- ▶ Chevron belt: 800mm (32")
- ▶ Variable speed
- ▶ Stockpile capacity: 193m<sup>3</sup> (252 yds<sup>3</sup>)

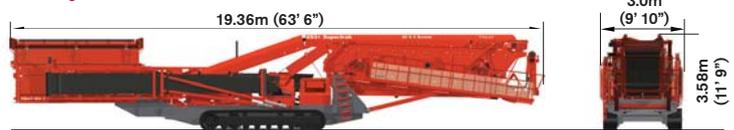
### Tracks

- ▶ Sprocket centres: 3.8m (12' 5")
- ▶ Shoe width: 500mm (20")
- ▶ Gradability: 32.6°

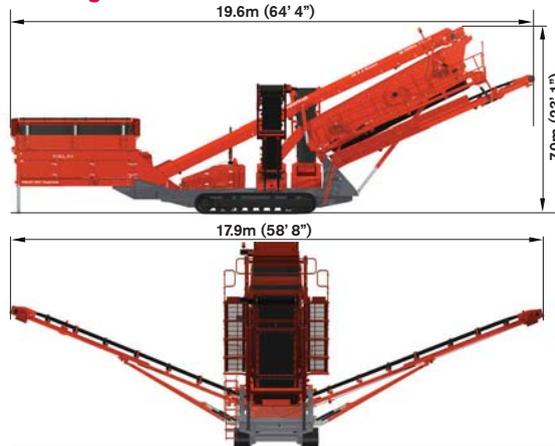
4.4 ATAAC 83kW (111hp)  
4.4 82kW (110hp)



### Transport Dimensions



### Working Dimensions



Machine Weight: \* 33,500Kgs (73,850 lbs)  
\* With tipping grid

# BELL

## 694+

Now with 'best in class' production levels, set up time and ease of operation, the Finlay 694+ is the industry's leading tracked mobile inclined screen. A high capacity belt feed hopper is available with remote tipping grid or double deck vibrating grid. The triple deck screen configuration provides three full sized 20' x 5' (6.1m x 1.525m) screens. An innovative hydraulically folded fourth conveyor allows simple adjustment with variable tilt and slew discharge for recirculation or stockpiling of finished material.

### Features:

- ▶ The triple deck 6.1m x 1.5m (20' x 5') screen box with full catwalk access is the largest and most accessible in it's class.
- ▶ 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.
- ▶ Maximum utilisation of three 6.1m x 1.5m (20' x 5') decks provide ultra-efficient screening capacities even at small aggregate sizes.
- ▶ The fourth (oversize plus) conveyor provides hydraulic variable tilt and side slew capability to accurately discharge materials for recirculation to crushers or for stockpiling.
- ▶ Screen box angle can be hydraulically adjusted to an angle between 18° and 30°.

### STANDARD FEATURES

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

1200mm (48") wide variable speed belt feeder

Hopper capacity: 8.0 m<sup>3</sup> (10.5 yd<sup>3</sup>) - 4.25m (14') wide. Complete with 10mm replaceable steel liners

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

6.1m x 1.52m (20' x 5') top, middle and bottom deck screenbox

No mesh or speedharps included for any deck (but all mesh fitting parts included as standard)

Hydraulic tensioning (bottom deck screen mesh)

Quick wedge tensioning - top deck and middle deck

Galvanised access catwalks to both sides and around top of screen

1200mm (48") wide belt on main conveyor & 1200mm (48") wide fines belt

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

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

800mm (32") wide chevron belt on oversize minus and middle gradeside conveyors

Skirting on main conveyor

Heavy duty undercarriage unit with 500mm wide tracks

Control operation of tracks via hand-held set with 5m connection lead with heavy duty square connector

Safety guards in compliance to Machinery Directive

Low level central greasing & emergency stops (4)

### Fines conveyor

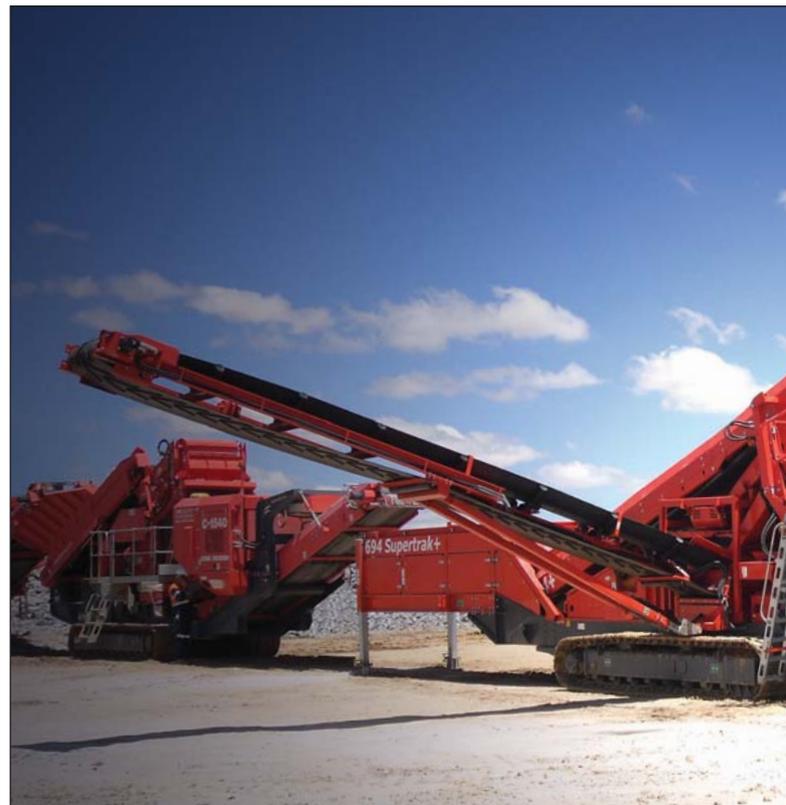
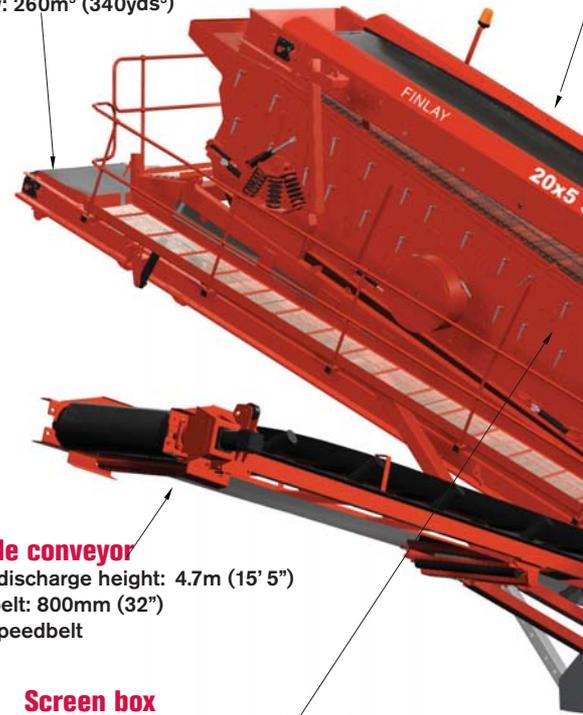
- ▶ Standard discharge height: 5.2m (17' 1")
- ▶ Plain belt: 1200mm (48")
- ▶ Belt speed: 92mpm (302' per min)
- ▶ Stockpile capacity: 260m<sup>3</sup> (340yds<sup>3</sup>)

### Middle grade conveyor

- ▶ Standard discharge height: 4.7m (15' 5")
- ▶ Chevron belt: 800mm (32")
- ▶ Variable speedbelt

### Screen box

- ▶ Top deck: 6.1m x 1.5m (20' x 5')
- ▶ Middle deck: 6.1m x 1.5m (20' x 5')
- ▶ Bottom deck: 6.1m x 1.5m (20' x 5')
- ▶ 3 deck - 2 bearing high performance screenbox
- ▶ Top and Middle deck side tensioned with 5 x meshes - wedge tensioned
- ▶ Hydraulic tensioning (bottom deck screen mesh)
- ▶ Hydraulic angle adjustment: 18° - 30°



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### Main conveyor

- ▶ Plain belt: 1200mm (48")
- ▶ Belt speed: 92mpm (302' per min)

### Oversize grade conveyor

- ▶ Standard discharge height: 4.7m (15' 6")
- ▶ Chevron belt: 800mm (32")
- ▶ Variable speed belt

### Hopper / Feeder

- ▶ Hopper capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>)
- ▶ Remote tipping grid as standard
- ▶ Grid apertures available: 100mm (4"), 150mm (6")

### Tipping grid

- ▶ Or with single and double deck vibrating grid options

### Power unit

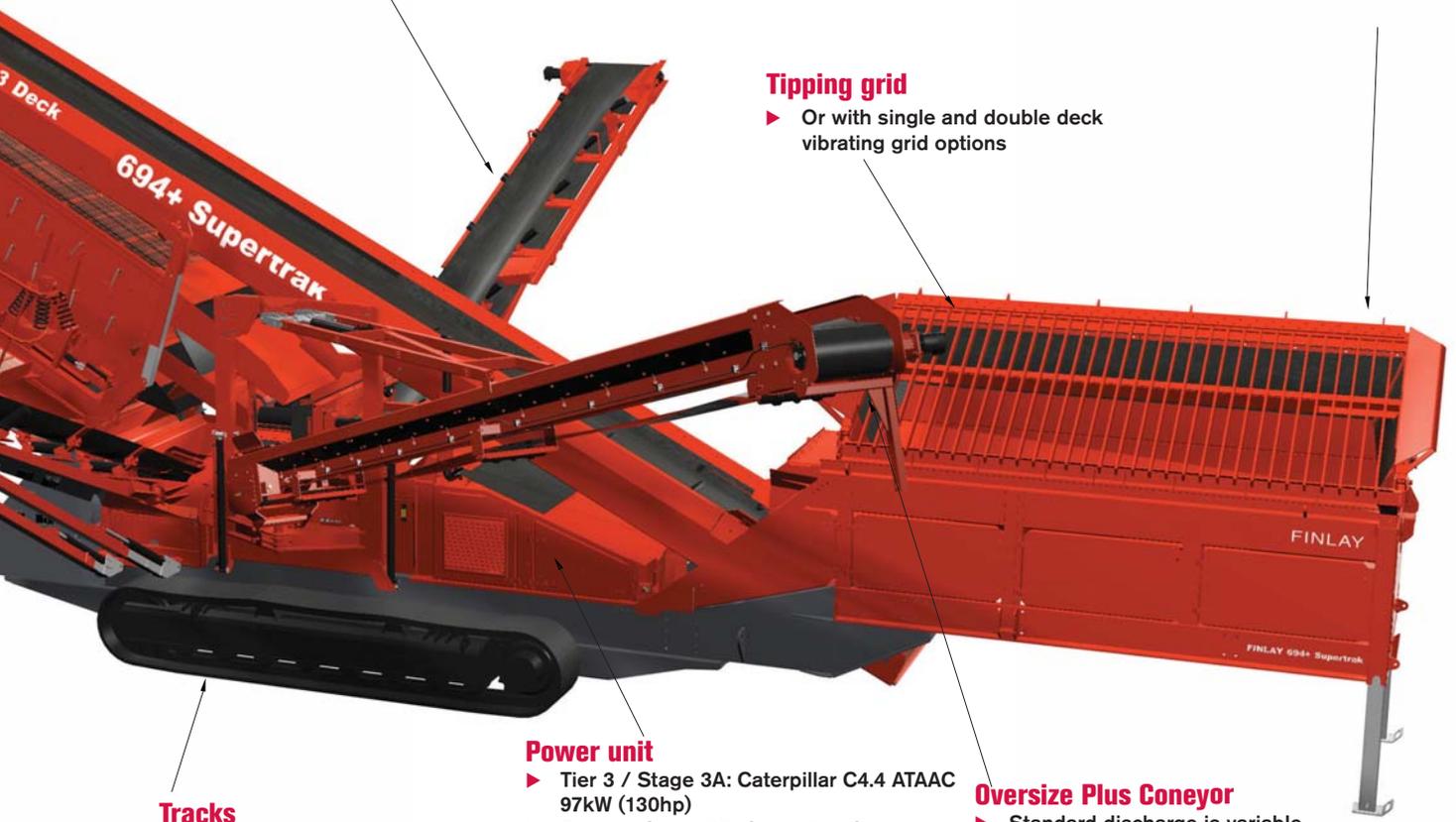
- ▶ Tier 3 / Stage 3A: Caterpillar C4.4 ATAAC 97kW (130hp)
- ▶ Tier 4i / Stage 3B: Caterpillar C4.4 98kW (131hp)

### Tracks

- ▶ Sprocket centres: 3.8m (12' 5")
- ▶ Shoe: 500mm (20")

### Oversize Plus Conveyor

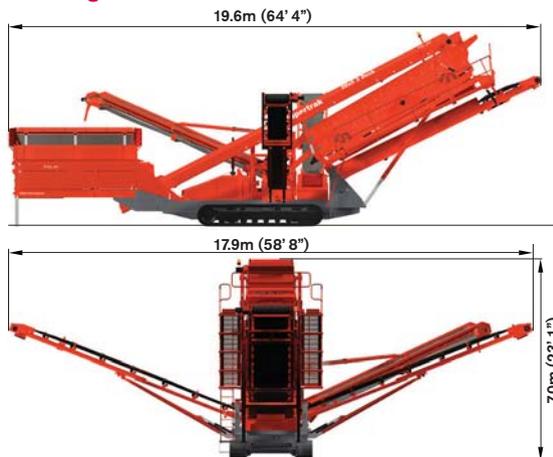
- ▶ Standard discharge is variable between 4.4m (14' 6") and 5.3m (17' 5")
- ▶ Chevron belt: 500mm (20")



### Transport Dimensions



### Working Dimensions



Machine Weight: \* 38,000kgs (83,650lbs)  
\* With tipping grid





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