



694+

INCLINED SCREEN



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



# 694+

## INCLINED SCREEN



The Finlay® 694+ Hybrid Inclined Screen offers operators the flexibility to power the plant either by an electrical connection or diesel/hydraulic configuration. The plant features a triple deck screen configuration providing three full sized 6.1m x 1.53m (20' x 5') screens.

An innovative hydraulically folded fourth (oversize plus) conveyor allows simple adjustment with variable tilt and slew discharge, between 18 degree and 30 degree, for recirculating in a closed circuit with a crusher or stockpiling of finished material.

### FEATURES:

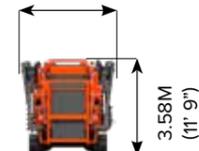
- > The plant's electrically driven power system provide significant cost advantages and efficiencies.
- > Superior performance in dusty applications and in high altitude environments.
- > The triple deck 6.1m x 1.525m (20' x 5') screen box with full catwalk access is the largest and most accessible in it's class.
- > Maximum utilisation of three 6.1m x 1.525m (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° - 30°.
- > T-Link telematics hardware and software along with free seven year data subscription are fitted and installed as standard.

### TRANSPORT DIMENSIONS

19.36M (63' 6")



3M (9' 10")



3.58M (11' 9")

### WORKING DIMENSION

19.6M (64' 4")



17.9M (58' 8")



7.0M (23' 1")

**MACHINE WEIGHT:** 40,000KG (88,184LBS)  
(WITH TIPPING GRID)

### 1 HOPPER/FEDDER

Hopper Capacity: 8m<sup>3</sup> (10.5yd<sup>3</sup>)  
Feed height: 2.5m (8' 2") - no grid  
Feed in width: 4.2m (13' 9")  
Beltfeeder belt width: 1.2m (48")

### 2 MAIN CONVEYOR

Belt width: 1.2m (48")  
Hydraulic discharge height adjustment  
Belt Speed: 92 mpm (3 02' per min)  
Steel skirted full length of conveyor

### 3 OVERSIZE / MIDGRADE CONVEYORS

Belt width: 8 00mm (32")  
Working Angle: 24°  
Hydraulic Folding  
Discharge Height: 4.71m (15' 5")  
Stockpile capacity: 193m<sup>3</sup> (252yd<sup>3</sup>)



### T-LINK TELEMATICS

T-Link telematics hardware and software along with free seven year data subscription are fitted and installed as standard.

### 4 UNDERCARRIAGE

Shoe Width: 500mm (20")  
Speed: 0.8 km/h  
Gradeability: 32.6°  
Raking Angle: 9°

### 5 SCREENBOX

All decks: 6.1m x 1.53m (20' x 5')  
Screen Angle: 18° - 3 0°, hydraulic adjust  
Galvanised access catwalks on both sides and top end of screen  
Total screening area: 27.8m<sup>2</sup> (300ft<sup>2</sup>)

### 6 OVERSIZE CONVEYOR

Belt width: 500mm (20")  
Working Angle: Variable 22° (Max)  
Discharge Height: Variable 4.8m (Max)  
Stockpile capacity: 16 4.5m<sup>3</sup> (215.2yd<sup>3</sup>) @ 40°

### 7 FINES CONVEYOR

Belt width: 1.2m (4 8")  
Working Angle: Variable 25° (Max)  
Standard Discharge Height: 5.2m (17' 1")  
Stockpile capacity: 260m<sup>3</sup> (340yd<sup>3</sup>)





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