

# C-1550P

CONE CRUSHER



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

 **FINLAY**®  
A TEREX BRAND

# C-1550P

## CONE CRUSHER



The Finlay® C-1550P incorporates the proven Terex® 1300 cone crusher driven through direct drive.

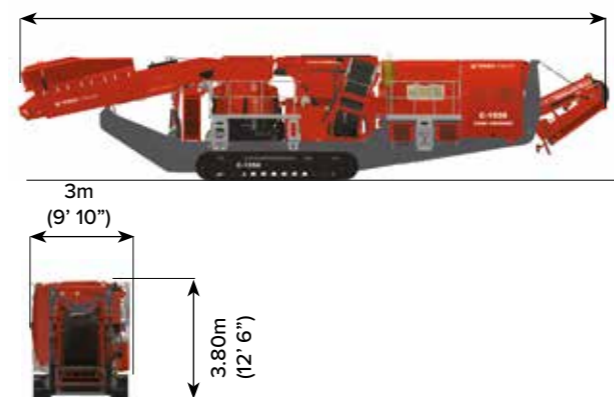
The machine features a patent pending pre-screen module with a single deck 2.45m x 1.52m (8' x 5') screen for removal or bypass of fines from the feed material. The integrated chute system, below the pre-screen, allows the fines material to be discharged from the machine using the optional by-pass conveyor or reintroduced onto the main product conveyor. Both methods improve the overall plant throughput capacity, product flexibility and liner wear reduction.

The cone features variable speed drive, hydraulic tramp relief system and ability to change closed side setting while crushing. The large hopper/feeder has an automated metal detection and a purge system to protect the cone and reduce downtime by removing metal contaminants via the purge chute. The hydraulically adjustable feed conveyor allows the machine to be operated using either the innovative pre-screen system or if required by feeding directly into the cone.

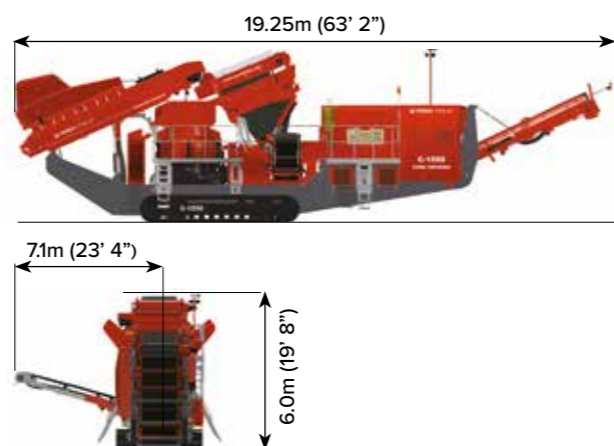
### FEATURES:

- > Fully Hydraulic CSS Adjustment with electronic monitoring system ensures ease of operation.
- > Fuel efficient direct drive transmission through wet clutch.
- > Hydraulic Tramp Relief System with automatic reset protects the chamber and minimises downtime.
- > Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the controllable purge system removes metal contaminants via the purge chute.

### TRANSPORT DIMENSIONS



### WORKING DIMENSION



**MACHINE WEIGHT:** 64,820kg (142,903lbs) without options

### 1 HOPPER/FEEDER

Hopper capacity: 8m<sup>3</sup> (10.4yd<sup>3</sup>)  
Feed height: 3.3m (10' 10")  
Feed height with optional hopper extensions: 3.7m (12' 2")  
Hopper Width at rear: 2.5m (8' 2")  
Hopper Width at rear with optional hopper extensions: 4.16m (13' 8")

### 2 CONE CHAMBER

Terex 1300mm (51") cone chamber  
Standard medium coarse concave configuration  
Drive arrangement: Direct drive via clutch, drive shaft and v-belts  
'On the fly' hydraulically adjustable closed side setting with monitoring system  
Mantle/concave wear indicator  
Maximum Closed Side Settings (CSS): 44mm (1 3/4")  
Standard medium Coarse Configuration  
Minimum Closed Side Settings (CSS): 24mm (15/16")

### 3 PRE-SCREEN MODULE

Top deck: 2.45m X 1.53m (8' X 5')  
Screen Angle: 23°

The pre-screen module will maximise production through the cone by removing as much fine material as possible before it enters the cone chamber. This will also reduce wear within the cone chamber.

### 4 UNDERCARRIAGE

Shoe Width: 500mm (20")  
Tracking speed: 1.1 km/h  
Gradeability: 25°

### 5 MAIN CONVEYOR

Belt Width: 1.2m (48")  
Discharge Height: 3.8m (12' 6")  
Impact bars and wear resistant liners at feed point  
Dust suppression: fitted with hose and spraybars as standard (no pump supplied)  
Full length skirting to head drum  
Stockpile level sensor  
Stockpile capacity: 81.6m<sup>3</sup> (106.7yd<sup>3</sup>) @ 40°



### T-LINK TELEMATICS

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





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