

C-1545P

CONE CRUSHER



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

 **FINLAY**[®]
A TEREX BRAND

C-1545P

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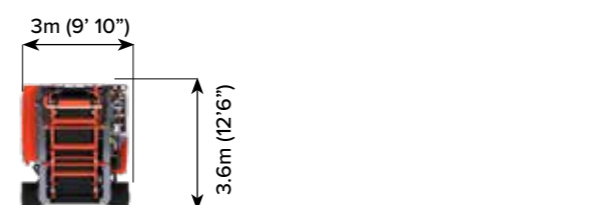


The Finlay® C-1545P mobile crusher incorporates the Terex 1150 cone crusher, driven through direct clutch drive with variable speed, with automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

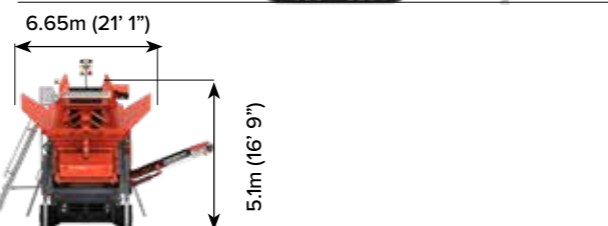
The machine features an on-board forward facing pre-screen module with a 2.1m x 1.52m (7' x 5') single deck screen for removal or bypass of fines from the feed material. The fines material can be discharged from the machine using the optional on-board by-pass conveyor or reintroduced onto the main product conveyor. Both methods improve the overall plant throughput capacity, product flexibility and liner wear reduction.

In applications where pre-screening of the feed material is not required the module can be hydraulically repositioned beneath the hopper/feeder. This provides a more compact working envelope as the feeder/hopper can be hydraulically adjusted to feed directly into the cone chamber.

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT: 43,440kg (95,769lbs)
without options

FEATURES:

- Terex TC1150 cone chamber provides high reduction and productivity ratios and gives excellent product cubicity
- The forward facing pre-screen module maximizes production and reduces wear on the chamber by removing fine materials before it enters the cone.
- The large hopper/feeder on the plant has an automated metal detection system to protect the cone and reduce downtime.
- The pre-screen module can be used to produce a roadbase product from the on-board side conveyor.

1 HOPPER/FEEDER

Hopper capacity: 6m³ (7.8yd³)
Feed height: 3.0m (9' 10")
Feed height with optional hopper extensions: 3.22m (10' 7")
Hopper Width at rear: 2.27m (7' 5")
Hopper Width at rear with optional hopper extensions: 4.12m (13' 6")

2 PRESCREEN MODULE

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. Pre-screen can be by-passed and material feed directly into cone if required.

Top Deck: 2.1m x 1.5m (7' x 5')
Total screening area: 3.15m (35 ft²)

3 CONE CHAMBER

Variable speed control settings for producing a quality aggregate.

Unrestricted feed opening reduces blockages, bridging and maximizes output 'On the fly' hydraulically adjustable closed side setting with monitoring system.

Hydraulic overload protection with automatic reset. This allows the upper frame to lift up, to permit the passage of tramp iron and other un-crushable material. The system then automatically returns the upper frame to its original position.

Dust suppression fitted at cone outlet.

4 UNDERCARRIAGE

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

5 MAIN CONVEYOR

Belt Width: 1.0m (40")
Belt Spec: Plain
Discharge Height: 3.26m (10' 8")



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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