



C-1540

CONE CRUSHER



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



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The Finlay® C-1540 hybrid mobile cone crusher offers operators the flexibility to power the plant either by mains electric connection or the onboard genset powerpack configuration.

Either power option presents operators with significant power, servicing and maintenance cost savings. This energy efficient and productive machine incorporates the proven Terex® 1000 cone crusher with direct electric drive, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

The hybrid Finlay C-1540 can be fitted with an optional patented pre-screen module which allows fines materials to bypass prior to being fed to the crushing chamber offering better wear rates in the crushing chamber.

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. Additional benefits include, rapid set up time, ease of maintenance, high reduction ratio, high output capacity and advanced electronic control system.

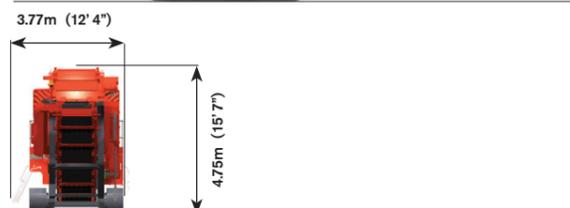
FEATURES:

- The plant's electrically driven power systems provide significant cost advantages and efficiencies.
- Superior performance in dusty applications and in high altitude environments.
- Optional pre-screen module maximises production and reduces wear on the chamber by removing fine material before it enters the cone.
- Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the purge system removes contaminants from the machine.

TRANSPORT DIMENSIONS



WORKING DIMENSION



MACHINE WEIGHT:

45,320kg (99,914lbs) (With optional pre-screen)

1 HOPPER/FEEDER

Hopper capacity: 5m³ (6.5yd³)

Width at rear: 2.45m (8')

Belt Width: 1.05m (42")

Working Angle: 24° (Pre-screen feed), 21° (Direct feed)

Drop down rear door for auxiliary crusher feed

Crash bar fitted to reduce impact load on feed conveyor

2 METAL DETECTOR AND CONTAMINANTS PURGE CHUTE

Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the purge system removes contaminants from the machine.

3 CONE CHAMBER

Terex 1000mm (40") cone chamber

Cone counter shaft Speed Range: 915-1010 rpm

Variable speed control settings for producing a quality aggregate

On the fly' hydraulically adjustable closed side setting with monitoring system

4 UNDERCARRIAGE

Shoe Width: 500mm (20")

Tracking Speed: 1.1 km/h

Gradeability: 25°

5 PRE-SCREEN SYSTEM

Top deck: 1.83m x 1.22m (6' x 4')

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

6 MAIN CONVEYOR

Belt: 900mm (36")

Discharge Height: 3.3m (10' 10")

Impact bars and wear resistant liners at feed point

Dust suppression: fitted with hose and spraybars as standard (no pump supplied)

Standard Stockpile capacity: 53.5m³ (70yds³) 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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