



# C-1540

## CONE CRUSHER



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





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The Finlay® C-1540 electric cone crusher has been designed to meet the needs of customers for whom electricity is the preferred power source. The intelligent and flexible design of the power pack enables the machine to be connected directly to the electricity grid or a secondary electrical power source.

The plant's electrically driven power systems and crushing chamber provide significant cost advantages and efficiencies without compromising on performance and versatility.

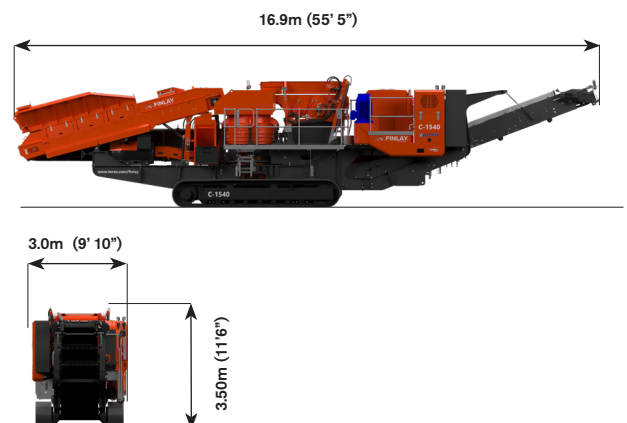
For ease of transport and flexibility the machine is fitted with an onboard engine that can be engaged to power the tracks to enable movement around the job site.

As the world moves towards a more environmentally friendly future investing in electric equipment can position your business to a long term sustainability and compliance with changing regulations.

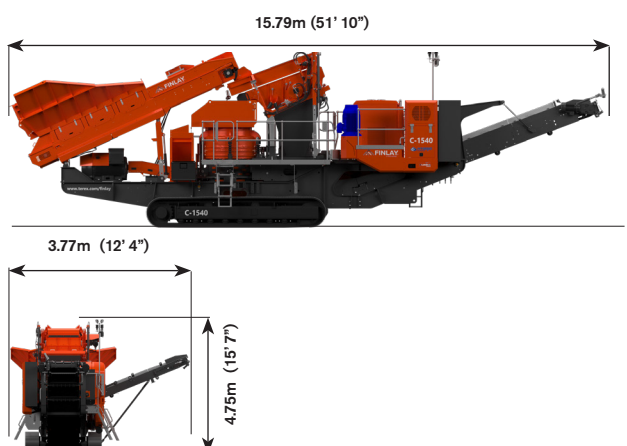
### FEATURES:

- Significant reduction in operating costs by powering from grid electricity.
- Reduced carbon footprint with the elimination of Co2 gas emissions and reduction in engine noise when operating in both urban and indoor environments.
- Electric powered equipment typically require less maintenance than diesel counterparts reducing maintenance costs.
- Maximised machine availability and uptime as scheduled service interval periods are longer.
- Electric crushers are generally more energy-efficient and cost effective to operate compared to diesel powered crushers.

### TRANSPORT DIMENSIONS



### WORKING DIMENSION



### MACHINE WEIGHT:

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



## 1 HOPPER/FEEDER

Hopper capacity: 5m<sup>3</sup> (6.5yd<sup>3</sup>)

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 UNDERCARRIAGE

Shoe Width: 500mm (20")

Tracking Speed: 11 km/h

Gradeability: 25°

## 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 PRE-SCREEN SYSTEM (OPTIONAL)

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

## 5 POWER SOURCE

IE3 electrical motors and Caterpillar C4.4 97kW (130hp) engine for onsite tracking and movement

## 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: 53.5m<sup>3</sup> (70yds<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.



**ELECTRIC  
POWERED**



**MAINTENANCE  
SAVINGS**



**REDUCED  
EMISSIONS**



**FLEXIBILITY AND  
VERSATILITY**



**OPERATIONAL  
COST SAVINGS**



**NOISE  
REDUCTION**



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