

C-1540 Elektro

CONE CRUSHER



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

 **FINLAY**®
A TEREX BRAND

C-1540 Elektro

CONE CRUSHER



The dual powered Finlay C-1540 Elektro 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 and hydraulic closed side setting (CSS) adjustment.

The Large hopper/ Feeder has an automated Metal Detection system to protect the Cone Crusher.

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

FEATURES:

- Integrated Telematics Solution for Real-Time Monitoring of Machine Performance
- Double Door Electrical Panel Designed for heavy duty Dusty Applications
- The Automax cone crusher produces superior-quality aggregates, utilizing a high-throw design for increased performance and exceptional material output.
- The machine is equipped with a cone level sensor that ensures consistent choke feeding of the crusher, maximizing output, improving product quality, and optimizing liner utilization.



DIESEL

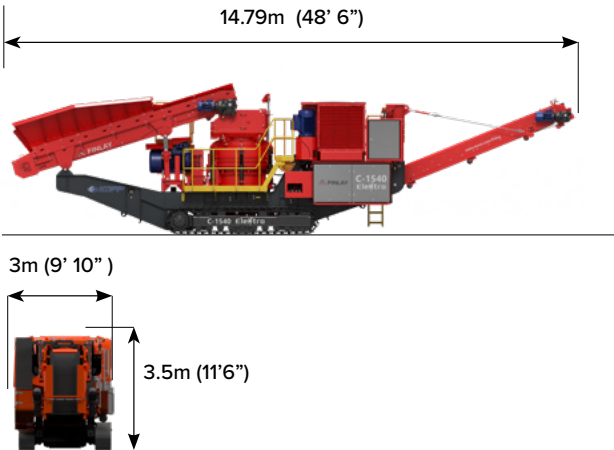


PERFORMANCE

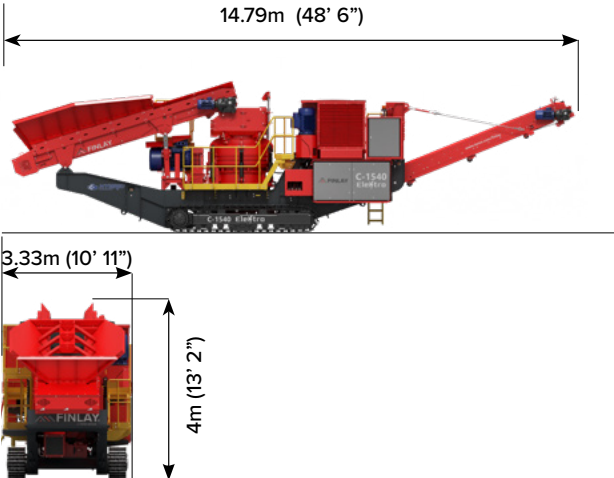


ELECTRIC

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



Machine Weight: * 35,000kg (77,162lbs)
* Standard Machine configuration

1 POWERPACK

Tier 3 Constant Speed: Caterpillar CAT C7.1 Tier3
Engine Power: 226.8kW (304.2hp)
Engine Speed: 1500 rpm
Alternator 320kVA

2 HOPPER / FEEDER

Hopper capacity: 4.5m³ (5.9 yd³)
Hopper fabricated in 10mm wear resistant steel as base liner
Hopper width at rear: 2.22m (7' 3")
Drive: x2 7.5kW (10hp) Geared Electric Motors
Belt Width: 1m (40")

3 MAIN CONVEYOR

Belt Width: 800mm (32")
Drive: x2 5.5kW (7.4hp) Geared Electric Motors
Belt Spec: Plain
Working Angle: 22°
Discharge Height: 3.3m (10' 10")
Wear resistant liners at feed point
Standard Stockpile capacity: 53.5m³ (70yds³) @ 40°

4 CONE CHAMBER

Terex 1000mm (40") cone chamber
Cone Counter Shaft Speed Range: 967 rpm
Drive arrangement: 170kW (228hp) Electric Motor with Pulley & Belt system

5 UNDERCARRIAGE

Shoe Width: 400mm (16")
Sprocket Centres: 3.28m (10' 9")
Tracking Speed: 1.0km/h
Gradeability: 25°

BENEFITS

Hybrid machines can be run by:
a. On-board Engine
b. External Diesel Generator
c. Mains Supply
Electrical drive is fuel efficient.
Less hydraulic component means lower hydraulic oil consumption and maintenance
Low carbon footprint
Telematics for monitoring machine performance





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