

 **TEREX® | FINLAY**

**C-1540**  
 **DUAL POWER** 

# CONE CRUSHER



 **DUAL POWER** 

**WORKS FOR YOU.™**

## C-1540 DUAL POWER

The dual powered Terex Finlay C-1540 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 dual powered Terex 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.

### STANDARD FEATURES

#### Engine:

Tier 2 / Stage II Equivalent: Scania DC9 350hp (257kW)

Tier 4F / Stage IV: Scania DC9 350hp (257kW)

#### Cone:

Terex 1000 Cone chamber, 1000mm (40") head diameter

Long throw eccentric, medium coarse concave (max feed size 160mm)

Electric cone drive

#### Hopper / Feeder:

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

Belt width: 1.05m (42")

Metal detector

Metal contaminants purge system

Wear resistant liner plates

#### Electrical Specification

Main Conveyor: 2 x 5.5 kW Motors

Lube Oil Heaters: 2 x 1.5 kW

Hydraulic Pump: 55 kW

(Tracking, Pre-Screen, By-Pass Conveyor, Feed Belt, Folding)

Crusher Motor - 185 kW started via a Soft Starter

#### Main Conveyor:

Belt width: 900mm (36")

High spec scraper at head drum

Wear resistant liners at crusher discharge point

Dust Covers



#### Main conveyor

- ▶ Belt: 900mm (36")
- ▶ Discharge Height: 3.3m (10' 10")
- ▶ Standard Stockpile capacity: 53.5m<sup>3</sup> (70yds<sup>3</sup>) 40°

### 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.

#### 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

#### Metal Detector

#### Powerpack

- ▶ Tier 2 / Stage II Equivalent: Scania DC9 350hp (257kW)
- ▶ Tier 4F / Stage IV: Scania DC9 350hp (257kW)

#### Hopper / Feeder

- ▶ Hopper capacity: 5m<sup>3</sup> (6.5yd<sup>3</sup>)
- ▶ Drop down rear door for auxiliary crusher feed
- ▶ Crash bar fitted to reduce impact load on feed conveyor

#### Undercarriage

- ▶ Shoe Width: 500mm (20")
- ▶ Sprocket Centres: 3.80m (12' 6")

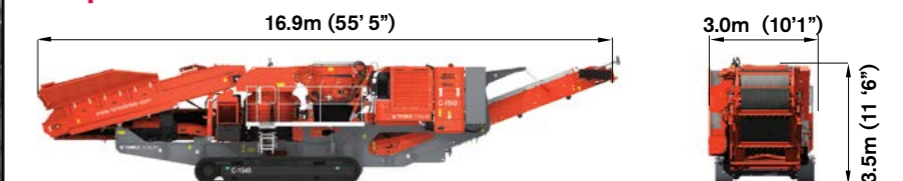
#### Cone chamber

- ▶ Terex 1000mm (40") cone chamber
- ▶ Direct electric drive

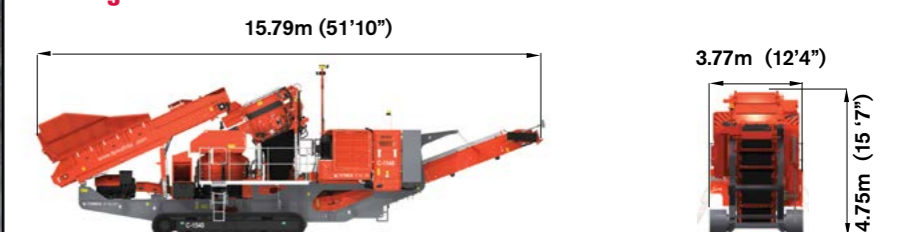


Machine Weight:  
 41,850Kg (82,263lbs) without options  
 44,500Kg (98,106lbs) with optional pre-screen  
 45,800Kg (100,972lbs) with optional pre-screen side conveyor

#### Transport Dimensions



#### Working Dimensions



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