

 **TEREX** | FINLAY

TRACKED MOBILE CONE CRUSHER



C-1540
  

WORKS FOR YOU.™

C-1540

The fuel efficient direct drive Terex Finlay C-1540 cone crusher is the optimum machine for medium sized producers and contract crushing operators.

This efficient and productive machine features the proven Terex 1000 cone crusher that is choked with integrated level sensor, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

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 3 / Stage IIIA:- Caterpillar C9 ACERT 261kW (350hp)

Tier 4 Final / Stage IV: Scania DC09 257kW (350 hp)

Cone:

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

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

Direct Drive via clutch

Hopper / Feeder:

Hopper capacity: 5m³ (6.5yd³)

Belt width: 1.05m (42")

Metal detector

Metal contaminants purge system

Wear resistant liner plates

Main Conveyor:

Belt width: 900mm (36")

High spec scraper at head drum

Wear resistant liners at crusher discharge point

General:

Galvanised catwalk c/w handrail, kick board and access ladders

Heavy duty track unit

Hand held track control set with connection lead

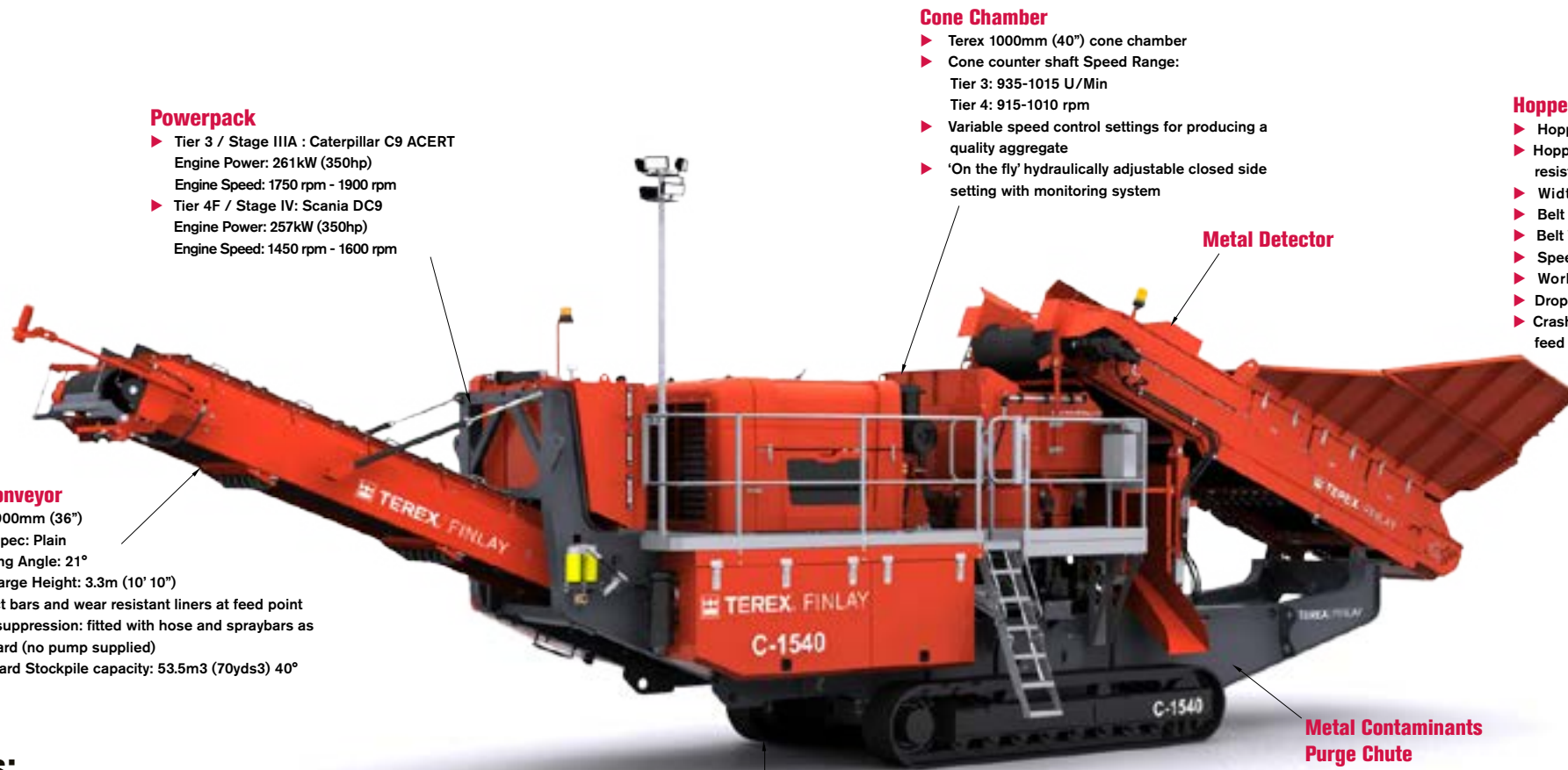
Safety guards in compliance to machinery directive

Emergency stops

Two Piped for dust suppression c/w spraybars

Standard oils - (Recommended for ambient temperatures between -5 to +30°C)

T-Link Telemetry System fitted c/w 3 years data subscription



Powerpack

- ▶ Tier 3 / Stage IIIA : Caterpillar C9 ACERT
Engine Power: 261kW (350hp)
Engine Speed: 1750 rpm - 1900 rpm
- ▶ Tier 4F / Stage IV: Scania DC9
Engine Power: 257kW (350hp)
Engine Speed: 1450 rpm - 1600 rpm

Main Conveyor

- ▶ Belt: 900mm (36")
- ▶ Belt Spec: Plain
- ▶ Working Angle: 21°
- ▶ 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°

Cone Chamber

- ▶ Terex 1000mm (40") cone chamber
- ▶ Cone counter shaft Speed Range:
Tier 3: 935-1015 U/Min
Tier 4: 915-1010 rpm
- ▶ Variable speed control settings for producing a quality aggregate
- ▶ 'On the fly' hydraulically adjustable closed side setting with monitoring system

Metal Detector

Hopper / Feeder

- ▶ Hopper capacity: 5m³ (6.5yd³)
- ▶ Hopper fabricated in 10mm mild steel plate with 10mm wear resistant steel liners at input point
- ▶ Width at rear: 2.45m (8')
- ▶ Belt Spec: Plain
- ▶ Belt Width: 1.05m (42")
- ▶ Speed range: variable, 0 - 31 m/min (0 - 101 ft/min)
- ▶ Working Angle: 21°
- ▶ Drop down rear door for auxiliary crusher feed
- ▶ Crash bar fitted to reduce impact load on feed conveyor

Metal Contaminants Purge Chute

Undercarriage

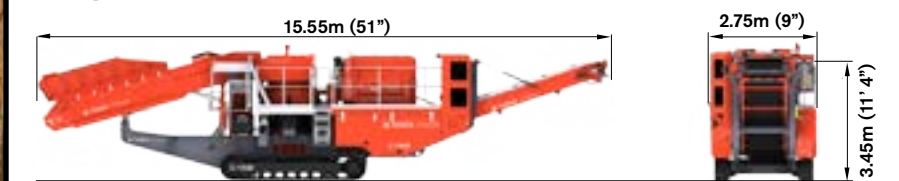
- ▶ Shoe Width: 400mm (16")
- ▶ Sprocket Centres: 3.24m (10' 8")
- ▶ Tracking Speed: 1.3 km/h
- ▶ Gradeability: 25°

Features:

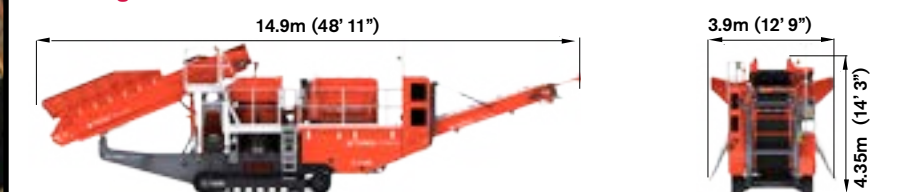
- ▶ Fuel efficient direct drive transmission via a clutch.
- ▶ Hydraulic Tramp Relief System with automatic reset protects the chamber and minimises downtime.
- ▶ Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the purge system removes contaminants from the machine.
- ▶ Advanced load sensing auxiliary hydraulics maximizes plant efficiency



Transport Dimensions



Working Dimensions



Machine Weight: * 33,500kg (73,855lbs)
* without options

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