



# TRACKED MOBILE CONE CRUSHER



**C-1554**  
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# C-1554

The Terex® Finlay C-1554 is the ultimate mobile solution for any aggregates producer or contractor looking for a high output capacity machine that provides large reduction ratios and an excellent cubical shape.

This aggressive machine incorporates the proven Terex® MVP450x cone crusher that can accept an all in feed and features direct variable speed clutch drive, automatic tramp relief and hydraulic closed side setting (CSS) adjustment.

The large hopper/feeder on the plant has an automated metal detection and a purge system designed to protect the cone and reduce downtime by removing metal contaminants via the purge chute.

## STANDARD FEATURES

### ENGINE:

Tier 2 / Equivalent: Caterpillar C18 Acert 571kW (765hp)

### CONE CHAMBER:

Terex MVP450X 1380mm (54")

Range of liner configurations available, 18%, max feed size dependent on liner configuration and wear'

Direct cone drive via wet clutch

### HOPPER/FEEDER:

Hopper Capacity: 8m³ (10.4yd³)

Belt width: 1.2m (48")

Wear resistant liner plates

### MAIN CONVEYOR:

Belt width: 1.2m (48")

High spec scraper at head drum

Wear resistant liners at crusher discharge point

Dust Covers

### GENERAL:

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

Heavy duty track unit, sprocket centres 3.8m, pad width 500mm

Hand held track control set with connection lead

Two speed tracking

Safety guards in compliance to machinery directive

One auxiliary drive

Emergency stops

Piped for dust suppression c/w spraybars



### Main conveyor

- ▶ Belt Width: 1.2m (48")
- ▶ Belt Spec: Plain
- ▶ Wear resistant liners at crusher discharge point
- ▶ Dust Covers
- ▶ Impact bars and wear resistant liners at feed point
- ▶ Stockpile capacity: 69.4m³ (90.8yds³) @ 40°

### Cone chamber

- ▶ Terex MVP450X 1380mm (54")
- ▶ Range of liner configurations available, 18%, max feed size dependent on liner configuration and wear
- ▶ Direct cone drive via clutch and belts
- ▶ Cone Counter Shaft Speed Range: 700 - 1000 rpm
- ▶ Variable speed control settings for producing a quality aggregate
- ▶ Hydraulically adjustable closed side setting with monitoring system
- ▶ Hydraulic overload protection with automatic reset.

### Powerpack

- ▶ Tier 2 / Equivalent: Caterpillar C18 Acert 571kW (765hp)
- ▶ Engine Power: 571kW (765hp)
- ▶ Engine Speed : 1700 - 2000 rpm

### Undercarriage

- ▶ Shoe Width: 500mm (20")
- ▶ Sprocket Centres: 3.80m (12' 6")
- ▶ Tracking Speed: 1.2 km/h
- ▶ Gradeability: 25°

### Hopper / Feeder

- ▶ Hopper Capacity: 8m³ (10.4yd³)
- ▶ Belt width: 1.2m (48")
- ▶ Wear resistant liner plates
- ▶ Hopper Width at rear: 2.5m (8' 2")
- ▶ Hopper Width at rear with optional hopper extensions: 4.16m (13' 8")
- ▶ Belt Spec: Plain
- ▶ Belt Width: 1.2m (48")
- ▶ Speed range: variable, 0 - 43 m/min (0 - 141 ft/min)
- ▶ Drive: Hydraulic variable speed drive via gearbox
- ▶ Drop down rear door for auxiliary crusher feed
- ▶ Crash bar fitted to reduce impact load on feed conveyor
- ▶ Automatic variable speed conveyor ensures maximum output from plant

## Features:

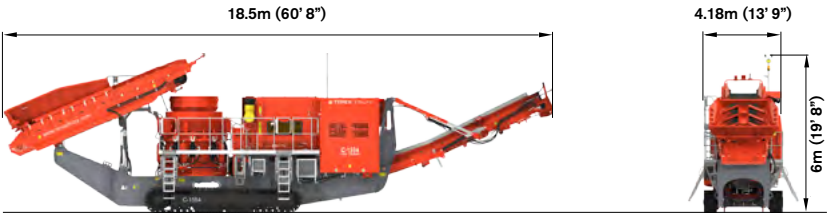
- ▶ Fully Hydraulic CSS Adjustment with electronic monitoring system ensures ease of operation.
- ▶ Fuel efficient direct drive transmission through wet clutch.
- ▶ Hydraulic Tramp Relief System with automatic reset protects the chamber and minimises downtime.
- ▶ Metal detection system on feed belt with 'auto-stop' protects the cone from tramp metal and the purge system removes contaminants from the machine.



## Transport Dimensions



## Working Dimensions



Machine Weight: \* 61,000kg (134,614lbs)  
\* with hopper extensions

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