



# TEREX® | FINLAY



## TC-100

# TC-100 CONVEYOR

### SPECIFICATION:

Conveyor Length:	30m (98' 9")
Net Engine Power:	
Tier 3/ Stage 3A:	CAT 4.4 4 cylinder diesel engine developing 83kw (111hp) @1800rpm
Tier 4F/ Stage IV:	Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm
Portability:	Tracked

# SPECIFICATION

## POWERUNIT:

Tier 3: Stage 3A CAT 4.4 - 4 cylinder diesel engine developing 83kW (111hp) @1800rpm

Tier 4: Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm

Fuel tank volume: 220 litres

## FEED BOOT:

Standard Feedboot Capacity: 0.6 m<sup>3</sup> (0.8yd<sup>3</sup>)

Feed in Width: 1.3m (4' 3")

Extended Feedboot Capacity: 1.6m<sup>3</sup> (2.1yd<sup>3</sup>)

Feed in Width: 1.85m (6' 1")

Min Feed Height: 1.8m (5' 11")

## CONVEYOR:

Conveyor Length: 30m (98' 9")

Belt Width: 1050mm (42")

Conveyor Drive: Variable speed Max 175m/min

Optimum Discharge @ 18° 10.1m (33' 1")

Max Discharge Height @ 25° 13.1m (43' 11")

Capacity: Up to 600 TPH

Hydraulic Folding Head Section

Belt Type: EP400 3 Ply 4+2

Polyurethane tensioned belt cleaner

Stockpile capacity at 18° based on 37° angle of repose: 1900m<sup>3</sup> (2485yd<sup>3</sup>)

Max. stockpile capacity based on 37° angle of repose: 4145m<sup>3</sup> (5421yd<sup>3</sup>)

Hydraulic feed in height adjustment

Hydraulic fold over for transport

Rosta scraper

## UNDERCARRIAGE:

Undercarriage with tracks. 4m centers, 400mm shoe.

Standard Front stabilizing bar

## ELECTRICAL:

Hand held track control set with connection lead

Emergency stops x 2



Impact Bed



Feedboot Extension



Discharge Conveyor Underguard



Chevron Belt



Dust Covers

## GENERAL

Pinless deployment

Discharge head drum bearing automatic greasing cartridge

Low level greasing

Orange-RAL2002. Special paint colour (if different from above). RAL must be specified on order

## PACKAGING

Roll on Roll off transport (RoRo)

Containerisation, packed into 40ft high cube containers

## OPTIONS

Conveyor fitted with Chevron belt 3 ply x 4+2 covers

Conveyor fitted with Heavy duty plain belt 500EP 4 ply x 8+2 covers

Overband magnet option complete with hydraulic kit and support frame

Radio remote control system for crawler tracks

## OPTIONS

6mm removable wearplate liners

20mm rubber wear feedboot liners

Feedboot Extension c/w Steelwear Liners

Feedboot Extension c/w 6mm AR400 Steelwear Liners

Feedboot extension complete with 20mm rubber liners

Impact bed at feedboot area

Impact rollers at feedboot area

Full length Side skirting along main conveyor

High spec discharge conveyor head drum scraper

Conveyor head drum guarding

Conveyor Under Guarding

Dust Suppression at Conveyor head drum (spray bar only)

Pull cord emergency stop to control panel side

Pull cord emergency stop to non- control panel side

Canvas dust covers

Twin Hydraulic drive

Blade type / Primary scraper

## TC-100

## TRANSPORT DIMENSIONS



Showing Transport with tail unfolded.



Showing Transport with tail folded

## WORKING DIMENSIONS



For further information on specific machine weight configurations please consult Terex Finlay

**MACHINE WEIGHT: 21,800kg (48,060lbs)**

### FEED BOOT

- ▶ Capacity: 0.6m<sup>3</sup> (0.8d<sup>3</sup>)
- ▶ Feed height: 1.8m
- ▶ Feed in width: 1.30m

### DISCHARGE CONVEYOR:

- ▶ Conveyor length: 30m (98' 9")
- ▶ Belt width: 1050mm (42")
- ▶ Optimum working angle: 18°
- ▶ Optimum discharge height: 10.1m (33' 1")
- ▶ Stockpile capacity at optimum working angle based on 37° angle of repose: 1900m<sup>3</sup> (2485yd<sup>3</sup>)
- ▶ Max. working angle: 25°
- ▶ Max. discharge height: 13.1m (43' 11")
- ▶ Max. stockpile capacity based on 37° angle of repose: 4145m<sup>3</sup>
- ▶ Capacity: up to 600 tph



### UNDERCARRIAGE:

- ▶ Undercarriage with heavy duty tracks.  
4m centres, 400mm shoe

### POWERUNIT:

- ▶ Tier 3:  
Stage 3A CAT 4.4  
- 4 cylinder diesel engine developing  
83kW (111hp) @1800rpm
- ▶ Tier 4:  
Tier 4F / Stage IV - Caterpillar C4.4  
- 4 cylinder diesel engine developing  
82kW (110hp) @ 1800rpm