



TEREX® | FINLAY



TC-100

TC-100 CONVEYOR

SPECIFICATION:

Conveyor Length:	30m
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 (110 Hp) @ 1800 RPM
Portability:	Tracked

SPECIFICATION

TC-100

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 m³ (0.8yd³)

Feed in Width: 1300mm (4' 3")

Extended Feedboot Capacity: 1.6m³ (2.1yd³)

Feed in Width: 1850mm (6' 1")

Min Feed Height: 1800mm (5' 11")

CONVEYOR:

Conveyor Length: 30m (100')

Belt Width: 1050mm (42")

Conveyor Drive: Variable speed Max 175m/min

Discharge Height @ 18° 9.7m (31' 10")

Max Discharge Height @ 25° 13.1m (42' 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: 2135m³ (2792yd³)

Max. stockpile capacity based on 37° angle of repose: 4145m³ (5421yd³)

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

Radio remote control system for crawler tracks



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

6mm removable wearplate liners

20mm rubber wear feedboot liners

Feedboot extension complete with steel 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

Discharge Conveyor Underguard option Length of Mid section

Dust Suppression at Conveyor head drum (spray bar only)

Pull Cord emergency stop running length of conveyor

Canvas dust covers

Conveyor twin drive motors

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: 0.6m³ (0.8d³)
- ▶ Feed height: 1.8m
- ▶ Feed in width: 1.30m

DISCHARGE CONVEYOR:

- ▶ Conveyor length: 30m
- ▶ Belt width: 1050mm (42")
- ▶ Optimum working angle: 18°
- ▶ Optimum discharge height: 9.7m
- ▶ Stockpile capacity at optimum working angle based on 37° angle of repose: 2135m³
- ▶ Max. working angle: 25°
- ▶ Max. discharge height: 13.1m
- ▶ Max. stockpile capacity based on 37° angle of repose: 4145m³
- ▶ 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 (110 hp) @ 1800rpm