



TC-100 CONVEYOR

SPECIFICATION:

Conveyor Length: Net Engine Power: Tier 3: Stage 3A:

Tier 4F/ Stage IV:

Portability:

30m (98'9")

CAT 4.4 4 cylinder diesel engine developing 83kw (111hp) @1800rpm Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm 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 m³ (0.8yd³) Feed in Width: 1.3m (4' 3")

Extended Feedboot Capacity: 1.6m³ (2.1yd³)

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: 1900m³ (2485yd³)
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



Impact Bed



Feedboot Extension



Discharge Conveyor Underguard

Chevron Belt









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

MACHINE WEIGHT:

21,800kg (48,060lbs)

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

TRANSPORT DIMENSIONS





Showing Transport with tail folded

WORKING DIMENSIONS

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)

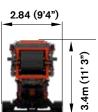
Pull cord emergency stop to control panel side

Pull cord emergency stop to non- control panel side

Canvas dust covers

Twin Hydraulic drive

Blade type / Primary scraper



WORKS FOR YOU.



FEED BOOT

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

DISCHARGE CONVEYOR:

- Conveyor length: 30m (98' 9")
- Belt width: 1050mm (42")
- Optimum working angle: 18⁰
- Optimum discharge height: 10.1m (33'1")
- Stockpile capacity at optimum working angle based on 37^o angle of repose: 1900m³ (2485yd³)
- Max. working angle: 25^o
- Max. discharge height: 13.1m (43' 11")
- Max. stockpile capacity based on 37⁰ angle of repose: 4145m³
- Capacity: up to 600 tph

UNDERCARRIAGE:

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

POWERUNIT:

Tier 3:

TEREX, FINLAY

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



WORKS FOR YOU.