



TEREX | FINLAY



TR-75

TR-75 TRACKED RADIAL CONVEYOR

SPECIFICATION:

| | |
|-------------------|--|
| Conveyor Length: | 22.9m (75' 2") |
| Net Engine Power: | Tier 3: Stage 3A: CAT 4.4 62kW (86hp) |
| | Tier 4F/ Stage IV: CAT C4.4 82kW (110hp) |
| | Stage V: Deutz TC 2.9 L4 55kW (73hp) |
| Portability: | Tracked |

SPECIFICATION

POWERUNIT

Tier 3: Stage 3A CAT 4.4 - 4 cylinder diesel engine developing 62kW (83hp) @1800rpm

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

Stage V: Deutz TC 2.9 L4 55kW (73hp) @ 1800rpm

Fuel tank volume: 220 litres

FEEDBOOT

Standard Feedboot Capacity: 0.6 m³

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

Min Feed height: 2.4m (7' 10")

Extended Feedboot Capacity: 1.6m³

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

Min Feed height: 2.75m (9' 0")

CONVEYOR:

Conveyor length: 22.9m (75' 2")

Belt width: 1050mm (42")

Belt Type: EP400 3 ply, 4 + 2 plain belt

Conveyor drive: Variable speed 124m/min

Optimum working angle: 18°

Optimum discharge height: 9m (29' 6")

Optimum stockpile capacity - Conical: 1344m³ (1758yd³)

Optimum stockpile Capacity - 135° Kidney Bean: 6764m³ (8847yd³)

Max. working angle: 23°

Max. discharge height: 10.9m (34' 9")

Max. stockpile capacity - Conical: 2388m³ (3123yd³)

Max Stockpile Capacity - 135° Kidney Bean: 10040m³

Capacity: up to 600TPH

Based on 100mm Lump size at 18° working angle. Max belt speed.

Hydraulic discharge height adjustment

Hydraulic fold over for transport

Spring mounted poly blade head drum scraper

UNDERCARRIAGE

Crawler tracks with pendant control system (NOT radio controlled)

Speed: single speed tracking

Tracks 1800mm centers, 400mm shoe

Twin radial wheel drive

ELECTRICAL

Hand held track control set with connection lead

Emergency stops x 2

Engine prestart delay & siren



Feedboot Extensions



Hydraulic Feed Adjust



Under Conveyor Guards

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 1 x 40ft high cube container

OPTIONS

Canvas dust covers on discharge conveyor

Canvas dust covers complete with dust hood on discharge conveyor

Full length side skirting along discharge conveyor

High spec discharge conveyor head drum scraper

Anti-roll back flaps

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

Conveyor Under Guarding

Conveyor Head drum Guarding

Dust suppression at discharge conveyor head drum

Belt weigher option

OPTIONS

Pull cord emergency stop to control panel side

Pull cord emergency stop to non-control panel side

Radio remote control system for crawler tracks, radial and conveyor raise / lower

Telemetry System c/w 3 years data subscription (Belt Weigher Option recommended)(Unavailable for Tier 3)

6mm AR400 Steel Wear Feedboot Liners

20mm Rubber Wear Feedboot Liners

Feedboot Extension c/w Steelwear Liners

Feedboot Extension c/w 20mm rubber Wear Liners

Feedboot Extension c/w 6mm AR400 Steelwear Liners

Impact Bed at Feedboot area

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

Auto radial & raise function.

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



MACHINE WEIGHT: 19,800kg (43,651lbs)

FEED BOOT

- ▶ Capacity: 0.6m³
- ▶ Feed in width: 1300mm (4' 3")
- ▶ Feed height: 2400mm (7' 10")

DISCHARGE CONVEYOR:

- ▶ Conveyor length: 22.9m (75' 2")
- ▶ Belt width: 1050mm (42")
- ▶ Optimum working angle: 18°
- ▶ Optimum discharge height: 9m (29' 6")
- ▶ Stockpile capacity at optimum working angle based on 37° angle of repose: Conical: 1344m³
- ▶ Max. working angle: 23°
- ▶ Max. discharge height: 10.9m (34' 9")
- ▶ Max. stockpile capacity based on 37° angle of repose: Conical: 2388m³
- ▶ Capacity: up to 600tph.
Based on 100mm Lump size at 18° work angle.
Max belt speed.



UNDERCARRIAGE:

- ▶ Crawler tracks with pendant control system
- ▶ Speed: single speed tracking
- ▶ Dual radial wheel drive
- ▶ Tracks 1800mm centers, 400mm shoe

POWERUNIT:

- ▶ Tier 3: Stage 3A CAT 4.4 engine - 4 cylinder diesel engine developing 62kw (83hp) @1800rpm
- ▶ Tier 4: Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm
- ▶ Stage V: Deutz TC 2.9 L4 55kW (73hp) @ 1800rpm