TEREX | FINLAY

CONVEYORS & FEEDERS



BENEFITS:

- Reduced Cost
- Site Operating Efficiency
- Environmental Considerations
- Improve Health & Safety
- Product Quality

WORKS FOR YOU.™

TC-65

STANDARD SPECIFICATION

TRACKED CONVEYOR TC-65

CONVEYOR

- Conveyor Length: 19.79m (64' 11")
- Belt Width: 1050mm (42")
- Conveyor Drive: Hydraulic 800cc
- Optimum Discharge @ 18° 7.58m (24' 10")
- Stockpile Capacity @ 28 = 1556m³ / 2036yd³ @ 37° angle of repose
- Max Discharge Height @ 28° 9.45m (31')
- Capacity: Up to 500 TPH
- Hydraulic Folding Head Section
- Belt Type: EP400 3 Ply 4+2
- Polyurethane tensioned belt cleaner
- Hydraulic feed in height adjustment
- Hydraulic fold over for Transport
- Hydraulic conveyor angle adjustment
- 40 degree rollers
- Variable speed control
- Feedboot with removable 6mm steel wear liners

POWERUNIT

- Diesel Hydraulic
- Engine (Tier 3) Deutz D2011 L04I - 36.4kW (45hp)
- Engine (Tier 4 Final) Deutz TD 2.9 L04 45kW (60hp)
- Fuel Tank Volume 200 Litres
- Hydraulic Oil Cooler Standard

CHASSIS

- Tracks 2.9m centres x 400mm shoe
- 2 Speed Track Motor
  - Lower Speed 0.9Km/h
  - Higher Speed 1.6Km/h

GENERAL

- Pinless deployment
- Heavy duty undercarriage unit with 400mm wide tracks
- External conveyor belt adjustment
- Engine prestart delay & siren
- Low level greasing
- Emergency stops (3 nr)
- Safety guards in compliance with machinery directive
- Machine Painted Finlay Orange



TC-65

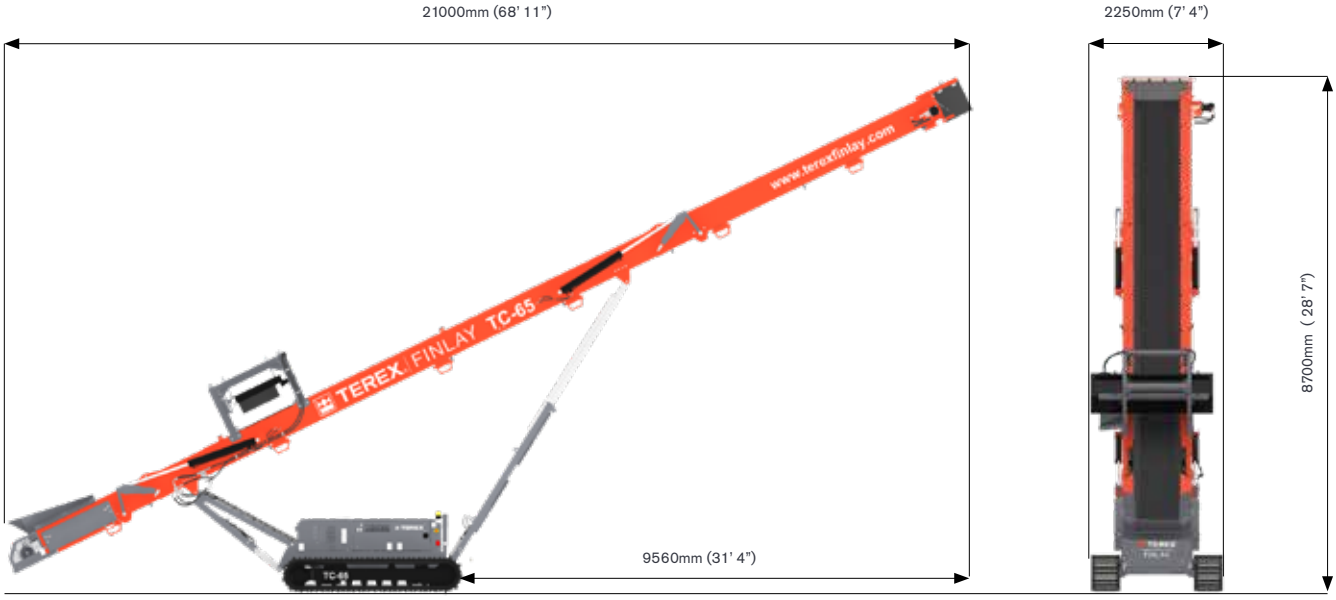
OPTIONS

- Deutz TD 2.9 L04 45kW (60hp) Tier 4 Final Engine
- Dual power conveyor drive (Allows either hydraulic or electric conveyor drive. Diesel hydraulic deployment)
- 6mm AR400 Steel Feedboot wear liners
- 20mm Rubber Feedboot wear Liners
- Feedboot Extension c/w Steel wear Liners
- Feedboot Extension c/w 20mm rubber wear Liners
- Feedboot Extension c/w 6mm AR400 Steel wear Liners
- Impact Bed at Feedboot area
- Impact Rollers at Feedboot area
- Large Capacity Biomass Hopper

(including landing legs and full length impact bed)

- Blade type / Primary scraper
- Conveyor fitted with Chevron belt 3 ply x 4+2 covers
- Conveyor fitted with Heavy duty plain belt EP500 4 ply x 8+2 covers
- Conveyor Under Guarding up To 2.5 Meters @12 degree incline
- Conveyor Head drum Guarding
- Conveyor Dust covers
- Conveyor Water Dust Suppression (Spray bar only)
- Conveyor Full length skirting
- Powerunit c/w Hydraulic oil, ISO 68 - (Recommended for ambient temperatures between +15 to +50°C)
- Radio remote control system for crawler tracks
- Pull cord emergency stop to control panel side
- Special paint colour (if different from above). RAL must be specified on order
- Overband magnet option complete with hydraulic kit and support frame
- Twin Hydraulic drive

OPERATING MODE



Transport	
Width	2250mm (7' 4")
Height	2530mm (8' 4")
Length	1130mm (37')
Weight	12,750kg (28,109lbs)

TC-80

STANDARD SPECIFICATION

TRACKED CONVEYOR TC-80

CONVEYOR

- Conveyor Length: 22.8m (74' 10")
- Belt Width: 1050mm (42")
- Conveyor Drive: Hydraulic 800cc
- Optimum Discharge @ 18° 8.34m (27' 4")
- Stockpile Capacity @ 25 = 2080m³ / 2721yd³ @ 37° angle of repose
- Max Discharge Height @ 25° 10.41m (34' 1")
- Capacity: Up to 500 TPH
- Hydraulic Folding Head Section
- Belt Type: EP400 3 Ply 4+2
- Polyurethane tensioned belt cleaner
- Hydraulic feed in height adjustment
- Hydraulic fold over for Transport
- Hydraulic conveyor angle adjustment
- 40 degree rollers
- Variable speed control
- Feedboot with removable 6mm steel wear liners

POWERUNIT

- Diesel Hydraulic
- Engine (Tier 3) Deutz D2011 L04I - 36.4kW (45hp)
- Engine (Tier 4 Final) Deutz TD 2.9 L04 45kW (60hp)
- Fuel Tank Volume 200 Litres
- Hydraulic Oil Cooler Standard

CHASSIS

- Tracks: 4.0m centres x 400mm shoe
- 2 Speed Track Motor
- Lower Speed 0.9Km/h
- Higher Speed 1.6Km/h

GENERAL

- Pinless deployment
- Heavy duty undercarriage unit with 400mm wide tracks
- Heavy duty undercarriage unit with 400mm wide tracks
- External conveyor belt adjustment
- Engine prestart delay & siren
- Low level greasing
- Emergency stops (3 No.)
- Machine Painted Finlay Orange
- Safety guards in compliance with machinery directive



OPTIONS

- Deutz TD 2.9 L04 45kW (60hp) Tier 4 Final Engine
- Dual power conveyor drive (Allows either hydraulic or electric conveyor drive. Diesel hydraulic deployment)
- Twin Hydraulic drive
- 6mm AR400 Steel Feedboot wear Liners
- 20mm Rubber Feedboot wear Liners
- Feedboot Extension c/w Steel wear Liners
- Feedboot Extension c/w 20mm rubber wear Liners
- Feedboot Extension c/w 6mm AR400 Steel wear Liners
- Impact Bed at Feedboot area
- Impact Rollers at Feedboot area
- Large Capacity Biomass Hopper

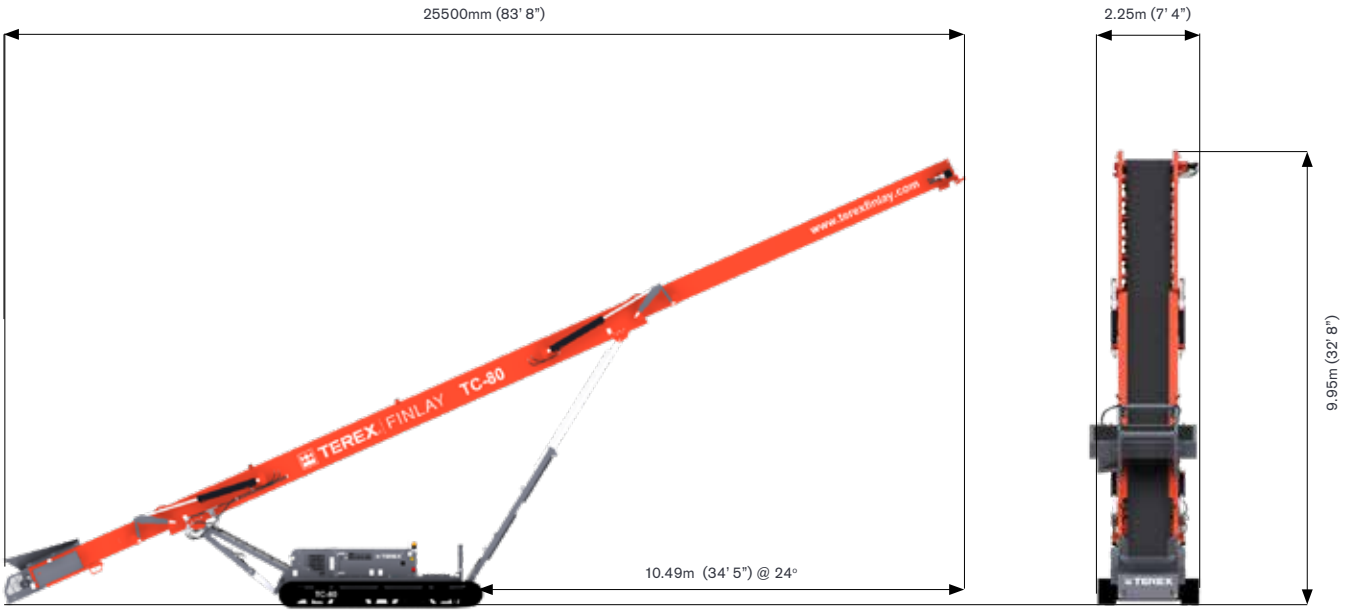
(including landing legs and full length impact bed)

- Blade type / Primary scraper
- Conveyor fitted with Chevron belt 3 ply x 4+2 covers
- Conveyor fitted with Heavy duty plain belt EP500 4 ply x 8+2 covers
- Conveyor Under Guarding up To 2.5 Meters @ 12 degree incline
- Conveyor Head drum Guarding
- Conveyor Dust covers
- Conveyor Water Dust Suppression (Spray bar only)
- Conveyor Full length skirting
- Powerunit c/w Hydraulic oil, ISO 68 -

(Recommended for ambient temperatures between +15 to +50°C)

- Radio remote control system for crawler tracks
- Pull cord emergency stop
- Special paint colour (if different from above). RAL must be specified on order
- Overband magnet option complete with hydraulic kit and support frame

OPERATING MODE



Transport	
Width	2250mm (7' 4")
Height	2540 mm (8' 4")
Length	11880 mm (38' 11")
Weight	16,000Kg (35,274lbs)

TC-100

STANDARD SPECIFICATION

TRACKED CONVEYOR TC-100

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: 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

FEEDBOOT

- Standard Feedboot Capacity: 0.6m³ (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”)

POWERUNIT

- Engine (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 180 Litres

CHASSIS

- Undercarriage with tracks. 4100mm 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



TC-100

GENERAL

- Pinless deployment
- Discharge head drum bearing automatic greasing cartridge
- Low level greasing
- Machine Painted Finlay Orange

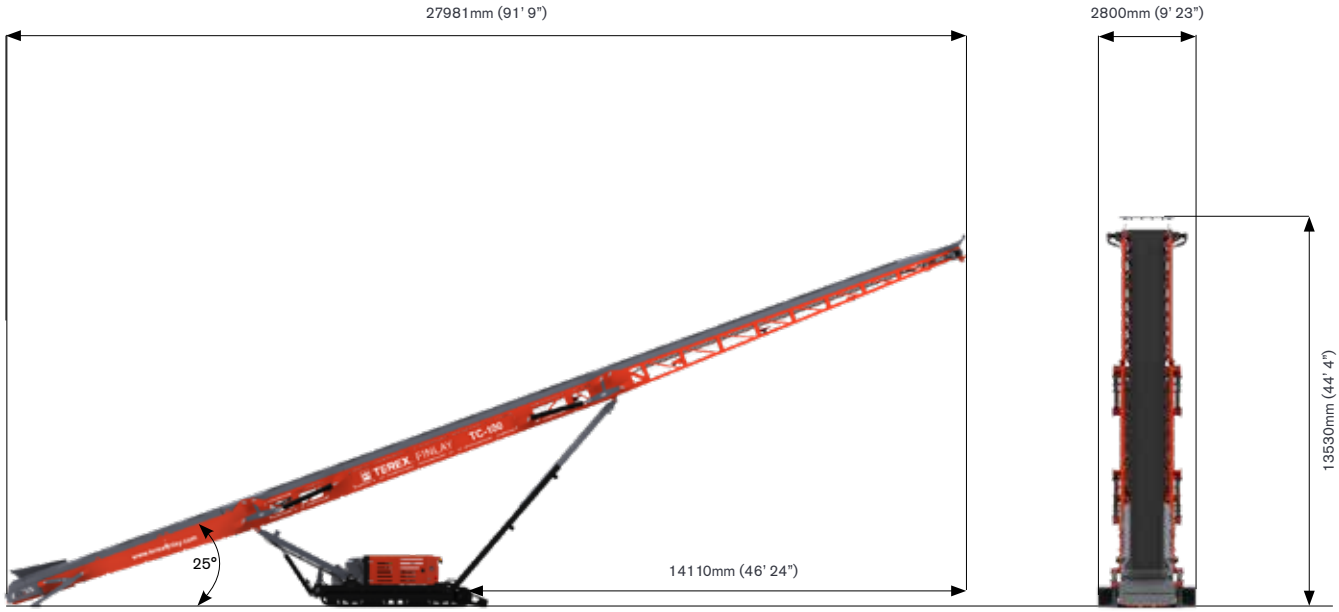
PACKAGING

- 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 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
- 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

OPERATING MODE



Transport	
Width	2800mm (9' 4")
Height	3000mm (9' 9")
Length	19500mm (64' 2")*
Weight	21,800Kg (48,060lbs)

* Transport with tail unfolded
* Without Options

TF-75H

STANDARD SPECIFICATION

TRACKED FEEDER TC-75H

DISCHARGE CONVEYOR

Conveyor Length:	22.5m (73' 10")
▪ Belt Width:	1.2m (48")
▪ Conveyor Drive:	Variable speed Max 110m/min
▪ Belt Type:	EP400 3 Ply 4+2
▪ Optimum working angle:	18°
▪ Optimum discharge height:	8.0m (26' 3")

▪ Stockpile capacity at optimum working angle based on 37° angle of repose: 944m³ (1235yd³)

▪ Max. working angle:	24°
▪ Max. discharge height:	9.8m (32' 2")

▪ Max. stockpile capacity based on 37° angle of repose: 1735m³ (2270yd³)

▪ Capacity:	Up to 600 TPH

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

▪ Hydraulic discharge height adjustment

▪ Hydraulic fold over for transport

▪ Rosta scraper at head drum

FEED CONVEYOR

▪ Capacity: 8m³ (10.5yd³)

▪ Feed in Height: 2548mm (8' 4")

▪ Feed in Width: 4088mm (13' 5")

▪ Drive: hydraulic variable speed drive via high torque gearbox

▪ Speed: 0 – 25MPM (83ft / min)

▪ Wearplate Hopper (No Liners)

▪ Rosta scraper at head drum

POWERUNIT

▪ Engine (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 325 Litres

CHASSIS

▪ Undercarriage with tracks. 4300mm centers, 400mm shoe

ELECTRICAL

▪ Hand held track control set with connection lead

▪ Emergency stops x 3



TF-75H

GENERAL

- Pinless deployment
- Discharge head drum bearing automatic greasing cartridge
- Engine prestart delay & siren
- External conveyor belt adjustment
- Machine Painted Finlay Orange

PACKAGING

- Roll on Roll off transport (RoRo)
- Containerisation, packed into 40ft high cube containers

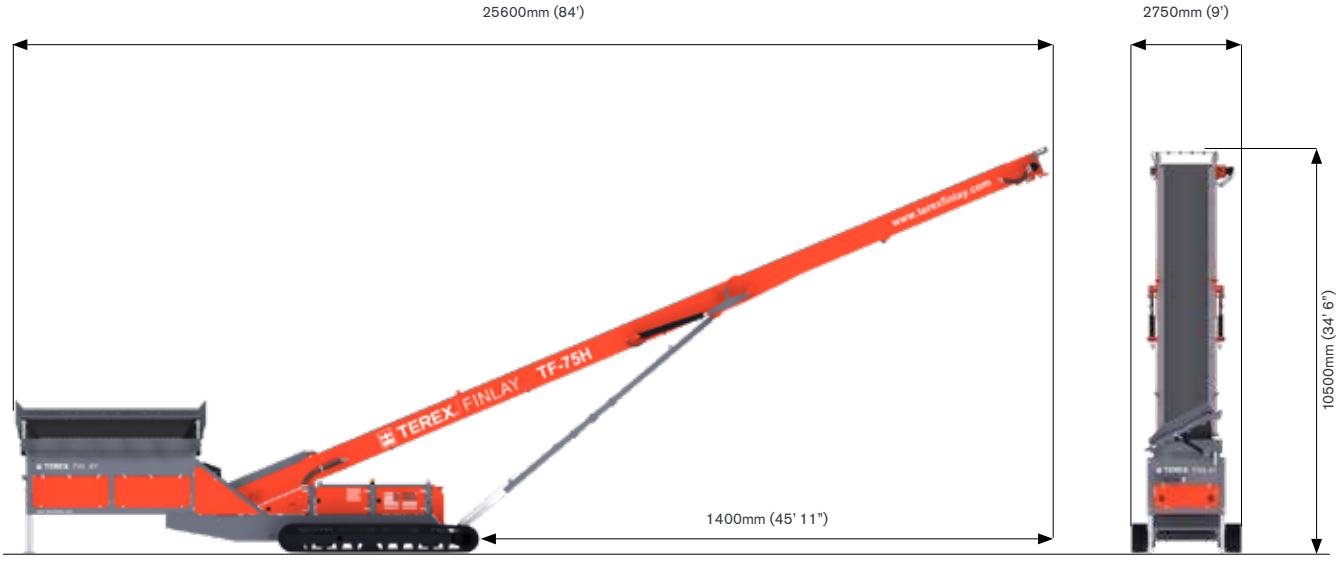
GENERAL

- Integrated fall break system bolted into hopper
- Hopper upgraded to 500mm (20") extension 9m³ (12yrds³) C/W Integrated Fall Break System bolted into Hopper.
- Hopper upgraded to 700mm (28") extension 12m³ (15yrds³) C/W Integrated Fall Break System bolted into Hopper.
- Double Deck Vibrating Grid 4" /100mm Spacing on top deck: (please advise bottom deck mesh Aperture)
- Machine prepared hydraulically to tip a standard grid. Includes Remote Control. NO GRID

OPTIONS

- Machine prepared hydraulically for DDVG option. Includes Remote Control.NO vibrating grid
- Discharge conveyor drive drum upgraded to ceramic lagging (Twin drive only)
- Canvas dust covers on discharge conveyor
- Canvas dust covers complete with dust hood on discharge conveyor
- Twin drive discharge conveyor
- Full length side skirting along discharge conveyor
- High spec discharge conveyor head drum scraper
- Anti-roll back flaps
- Discharge belt upgraded to 3ply heavy duty belt
- Discharge conveyor drive drum upgraded to ceramic lagging
- Discharge conveyor underguard option length of mid section
- Dust suppression at discharge conveyor head drum
- Belt weigher option
- Overband magnet at feedboot of discharge conveyor
- Radio remote to start / stop feeder, raise / lower discharge
- Pull Cord E-stop running length of discharge Conveyor
- Radio remote to Track machine
- Feedboot lined 6mm wearplate
- Twin drive feed conveyor
- 4" or 6" tipping grid fitted to feed conveyor
- Upgrade to Toughflex EP 630 / Hyd duty recycling belt Feeder & Incline. (Only available on both Belts)
- Conveyor fitted with Chevron belt 3 ply x 4+2 covers
- Telemetry System c/w 3 years data subscription (Belt Weigher Option recommended)(Unavailable for Tier 3)

OPERATING MODE



Transport	
Width	2750mm (9')
Height	3120mm (10' 2")
Length	19500mm (63')
Weight	23,500Kg (51,808lbs)

* Without Options

TF-75L

STANDARD SPECIFICATION

TRACKED FEEDER TF-75L

DISCHARGE CONVEYOR

- Conveyor Length: 22.6m (75')
- Belt Width: 1.2m (48")
- Conveyor Drive: Variable speed
  Max 110m/min
- Belt Type: EP400 3 ply, 4 + 2 plain belt
- Optimum working angle: 18°
- Optimum discharge height: 8.0m (26' 3")
- Stockpile capacity at optimum working angle based on 37° angle of repose: 944m³ (1234yd³)
- Max. working angle: 24°
- Max. discharge height: 9.8m (32' 2")
- Stockpile capacity based on 37° angle of repose: 1735m³ (2270m³)
- Capacity: up to 600TPH
  Based on 100mm Lump size at 18° work angle. Max belt speed.
- Hydraulic discharge height adjustment
- Hydraulic fold over for transport
- Rosta scraper at head drum

FEED CONVEYOR

- Capacity: 7m³ (9.2yds³)
- Feed in Height: 1900mm (6' 3")
- Feed in Width: 3500mm (11' 6")
- Drive: hydraulic variable speed drive via high torque gearbox
- Speed: 0 – 11MPM (36ft / min)
- Wearplate Hopper
- Hydraulic adjustable jacking legs mounted under hopper side to support weight
- Rosta scraper at head drum
- Twin drive feed conveyor

POWERUNIT

- Engine (Tier 3) Stage 3A CAT 4.4 - 4 cylinder diesel engine developing 83kW (111hp) @1800rpm
- Engine (Tier 4) Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm
- Fuel Tank Volume 325 Litres

CHASSIS

- Undercarriage with tracks. 4300mm centers, 400mm shoe

ELECTRICAL

- Hand held track control set with connection lead
- Emergency stops x 3



TF-75L

GENERAL

- Pinless deployment
- Discharge head drum bearing automatic greasing cartridge
- Engine prestart delay & siren
- External conveyor belt adjustment
- Machine Painted Finlay Orange

PACKAGING

- Roll on Roll off transport (RoRo)
- Containerisation, packed into 40ft high cube containers

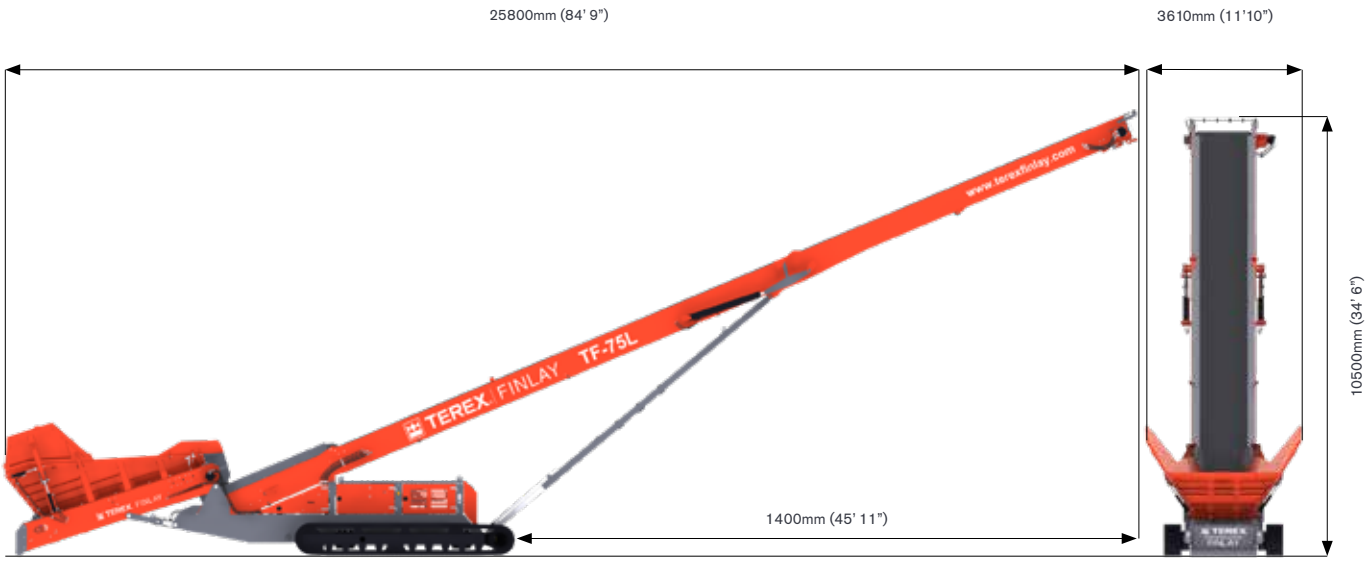
PACKAGING

- Upgrade to Toughflex EP 630 / Hyd duty recycling belt Feeder & Incline. (Only available on both Belts)
- Telemetry System c/w 3 years data subscription (Belt Weigher Option recommended)(Unavailable for Tier 3)

OPTIONS

- Canvas dust covers on discharge conveyor
- Canvas dust covers complete with dust hood on discharge conveyor
- Twin drive discharge conveyor
- Full length side skirting along discharge conveyor
- High spec discharge conveyor head drum scraper
- Anti-roll back flaps
- Discharge belt upgraded to 3ply heavy duty belt
- Discharge conveyor drive drum upgraded to ceramic lagging
- Discharge conveyor underguard option length of mid section
- Dust suppression at discharge conveyor head drum
- Belt weigher option
- Overband magnet at feedboot of discharge conveyor
- Radio remote to start / stop feeder, raise / lower discharge
- Pull Cord E-stop running length of discharge Conveyor
- Radio remote to Track machine
- Feedboot lined 6mm wearplate
- Manual adjusting jacking legs at tail side of feeder to adjust tail height
- Feed conveyor drive drum upgraded to ceramic lagging
- Hopper lined 6mm wearplate
- Hopper flares lined 6mm wearplate
- Mild steel liners bolted into hopper
- Conveyor fitted with Chevron belt 3 ply x 4+2 covers

OPERATING MODE



Transport	
Width	2750mm (9')
Height	3000mm (10')
Length	19600mm (64' 4")
Weight	24,700Kg (54,454lbs)

* Without Options

TR-75

STANDARD SPECIFICATION

TRACKED FEEDER TR-75

DISCHARGE CONVEYOR

- Conveyor Length: 22.9m (75' 2")
- Belt Width: 1050mm (42")
- Conveyor Drive: Variable speed
  Max 108m/min
- Belt Type: EP400 3 ply, 4 + 2 plain belt

Optimum working angle: 18°

Optimum discharge height: 9.0m (29' 6")

Max. Stockpile capacity - Conical: 1344m³ (1758yd³)

Max. 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 (13132yd³)

- Capacity: up to 600tph.
  Based on 100mm Lump size at 18° work angle. Max belt speed.
- Hydraulic discharge height adjustment
- Hydraulic fold over for transport
- Spring mounted poly blade head drum scraper

FEEDBOOT

- Standard Feedboot Capacity: 0.6 m³ (0.8yd³)
- 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")

POWERUNIT

- Engine (Tier 3) Stage 3A CAT 4.4
- 4 cylinder diesel engine developing 62kW (83hp) @1800rpm
- Engine (Tier 4) Tier 4F / Stage IV - Caterpillar C4.4
- 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm
- Engine Stage V - DEUTZ TD 2.9 L4 55kW (73hp) - C/W RAD - @ 1800rpm
- Fuel Tank Volume 220 Litres

CHASSIS

- Crawler tracks with pendant control system (NOT radio controlled)
- Speed: single speed tracking
- Single radial wheel drive
- Tracks 1800mm centers, 400mm shoe.

ELECTRICAL

- Hand held track control set with connection lead
- Emergency stops x 2
- Engine prestart delay & siren
- Radio remote control system for crawler tracks



TR-75

GENERAL

- Pinless deployment
- Discharge head drum bearing automatic greasing cartridge
- Low level greasing
- Machine Painted Finlay Orange

PACKAGING

- Roll on Roll off transport (RoRo)
- Containerisation, packed into 40ft high cube containers

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

- Radio remote to start / stop feeder, raise / lower discharge
- 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 rasie / 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

OPERATING MODE



Transport	
Width	2250mm (7'5")
Height	3000mm (10')
Length	15600mm (51' 3")
Weight	19,800Kg (43,651lbs)

* Without Options


Site
Operating
Efficiency
Environmental
Considerations
Improve
Health
& Safety
Product
Quality
TEREX | FINLAY
TC-80

Reduced Cost















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