

# TEREX® | FINLAY



## TF-75L



**REDUCED  
COST**



**SITE  
OPERATING  
EFFICIENCY**



**ENVIRONMENTAL  
CONSIDERATIONS**



**IMPROVE  
HEALTH &  
SAFETY**



**PRODUCT  
QUALITY**

# TF-75L ORBITAL LOW LEVEL FEEDER

## **SPECIFICATION:**

Conveyor Length:	22.5m (73' 10")
Net Engine Power:	CAT 4.4 4 cylinder diesel engine developing 83kW(111hp) @1800rpm
Tier 3/ Stage 3A:	Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110hp) @ 1800rpm
Tier 4F/ Stage IV:	
Portability:	Tracked

# SPECIFICATION

**TF-75L**

## 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: 325litres (86 US gallons)

## FEED CONVEYOR:

Capacity: 7m<sup>3</sup> (9.2yds<sup>3</sup>)

Feed height: 2.44m (8')

Feed in width: 3.49m (11' 5")

Drive: hydraulic variable speed drive via high torque gearbox

Speed: 0 - 11MPM (36ft / min)

Wearplate Hopper (No liners)

Tubular feeder support frame

Twin drive feed conveyor

## DISCHARGE CONVEYOR:

Conveyor Length: 22.5m (73' 10")

Belt Width: 1.2m (48")

Conveyor Drive: Variable speed Max 113m/min

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

Optimum working angle: 18°

Optimum discharge height: 8.8m (28' 2")

Stockpile capacity at optimum working angle based on 37° angle of repose: 1047m<sup>3</sup> (1368 yd<sup>3</sup>)

Max. working angle: 24°

Max. discharge height: 10.7m (34' 6")

Max Stockpile capacity based on 37° angle of repose: 1957m<sup>3</sup> (2560 yd<sup>3</sup>)

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

## UNDERCARRIAGE:

Orbital slew ring hydraulic driven

Undercarriage with heavy duty tracks. 4300mm centres, 400mm shoe.

## ELECTRICAL

Hand held track control set with connection lead

Emergency stops x 3

Radio remote for tracking, start/stop feeder, raise/lower incline conveyor.



Anti Roll Flaps



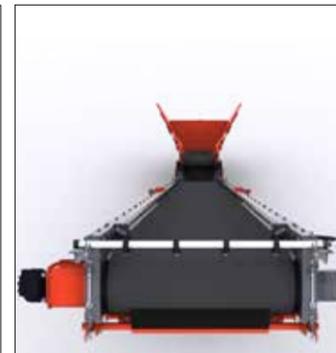
Dust Suppression



Full length Skirting



Overband Magnet



Skirting

## GENERAL

Pinless deployment

Discharge head drum bearing automatic greasing cartridge

Engine prestart delay & siren

External conveyor belt adjustment

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

## PACKAGING

Roll on Roll off transport (RoRo)

## OPTIONS

Feed Conveyor Drive drum upgraded to Ceramic lagging

Mild steel liners bolted into hopper (configurable at point of order)

Hopper lined 6mm wearplate (configurable at point of order)

Upgrade to Toughflex EP 630 / Hyd duty recycling belt Feeder & Incline. (Only available on both Belts)

Hydraulic adjustable jacking legs mounted under hopper side to support weight

## OPTIONS

Canvas Dust Covers on Incline boom Conveyor (Retrofittable)

Canvas Dust Covers C/W Dust Hood on Incline Boom Conveyor

Twin Drive on Incline Conveyor (Retrofittable)

Full length Side skirting along main conveyor.

High spec Poly scraper option

Anti roll back flaps x 3.

Incline belt Upgraded to 3ply heavy Duty Belt

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

Incline Conveyor Drive drum upgraded to Ceramic lagging

Discharge Conveyor Underguard option Length of Mid section.

Dust Suppression at Discharge Conveyor head drum

Beltweigher Option

Overband magnet at feedboot of incline conveyor

Powerunit c/w Hydraulic oil, ISO 68 - (Recommended for ambient temperatures between +15 to +50°C)

Pull Cord E-stop running length of Incline Conveyor

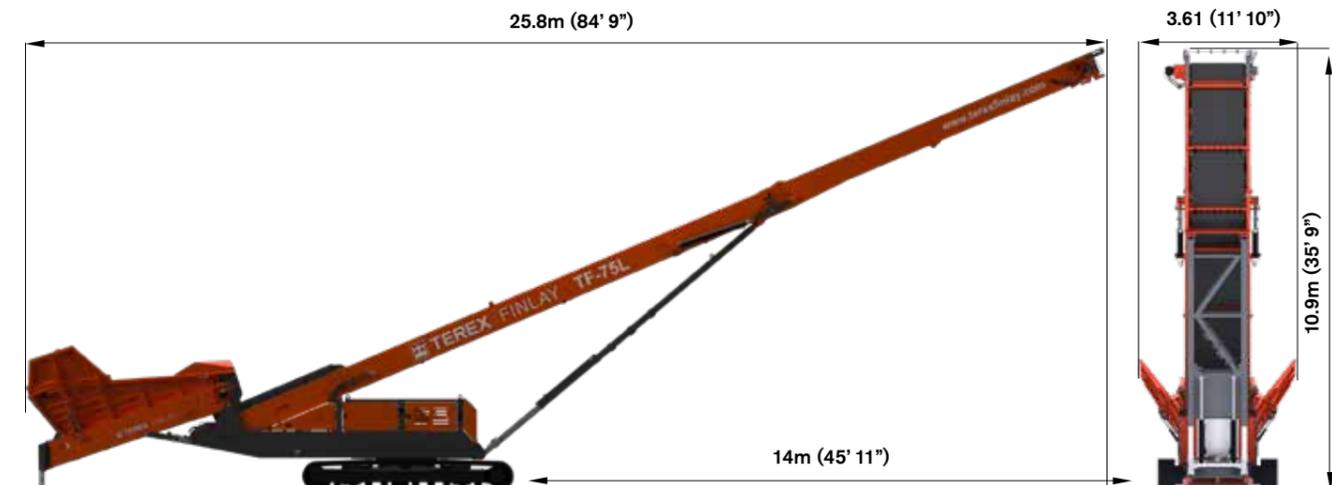
Telemetry System c/w 3 years data subscription (Belt Weigher Option recommended)(Unavailable for Tier 3)

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

## TRANSPORT DIMENSIONS



## WORKING DIMENSIONS



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

**MACHINE WEIGHT: 29,550kg 65,147lbs**

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## FEED CONVEYOR

- ▶ Capacity: 7m<sup>3</sup>
- ▶ Feed height: 2.44m (8')
- ▶ Feed in width: 3.49m (11' 5")

## DISCHARGE CONVEYOR:

- ▶ Conveyor length: 22.5m (73' 10")
- ▶ Belt width: 1.2m (48")
- ▶ Optimum working angle: 18°
- ▶ Optimum discharge height: 8.8m (28' 2")
- ▶ Max stockpile capacity at optimum working angle based on 37° angle of repose: 1047m<sup>3</sup> (1368yd<sup>3</sup>)
- ▶ Max. working angle: 24°
- ▶ Max. discharge height: 10.7m (34' 6")
- ▶ Max. stockpile capacity based on 37° angle of repose: 1957m<sup>3</sup> (2560 yd<sup>3</sup>)
- ▶ Capacity: up to 600 tph  
Based on 100mm Lump size at 18° work angle  
Max belt speed



## UNDERCARRIAGE:

- ▶ Orbital slew ring hydraulic driven
- ▶ Undercarriage with heavy duty tracks.  
4300mm 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



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**WORKS FOR YOU.™**