



# TEREX® | FINLAY



## TF-75L

# TF-75L LOW LEVEL FEEDER

### SPECIFICATION:

Conveyor Length:	22.6m
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 (110hp) @ 1800rpm
Portability:	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: 325litres

## FEED CONVEYOR:

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

Feed height: 1900mm

Feed in width: 3500mm

Twin drive hydraulic variable speed via high torque gearbox

Speed: 0 – 25MPM (83ft / min)

Wearplate Hopper (No liners)

Hydraulic folding hopper flares

Tubular feeder support frame

Rosta scraper at head drum

## DISCHARGE CONVEYOR:

Conveyor length: 22.6m

Belt width: 1200mm

Belt spec: 3 ply, 4 + 2 plain belt

Conveyor drive: variable speed, 110m/min

Optimum working angle: 18<sup>0</sup>

Optimum discharge height: 8.0m

Stockpile capacity at optimum working angle based on 37<sup>0</sup> angle of repose: 994m<sup>3</sup>

Max. working angle: 24<sup>0</sup>

Max. discharge height: 9.8m

Max. stockpile capacity based on 37<sup>0</sup> angle of repose: 1735m<sup>3</sup>

Capacity: up to 600+tph

Based on 100mm Lump size at 18<sup>0</sup> work angle. Max belt speed.

Hydraulic discharge height adjustment

Hydraulic fold over for transport

Rosta scraper at head drum

## UNDERCARRIAGE:

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

## ELECTRICAL

Hand held track control set with connection lead

Emergency stops x 2



Anti Roll Flaps



Dust Suppression



Full length Skirting



Overband Magnet



Skirting

## GENERAL

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)

Containerisation, packed into 2 x 40ft high cube containers

## 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 conveyor

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

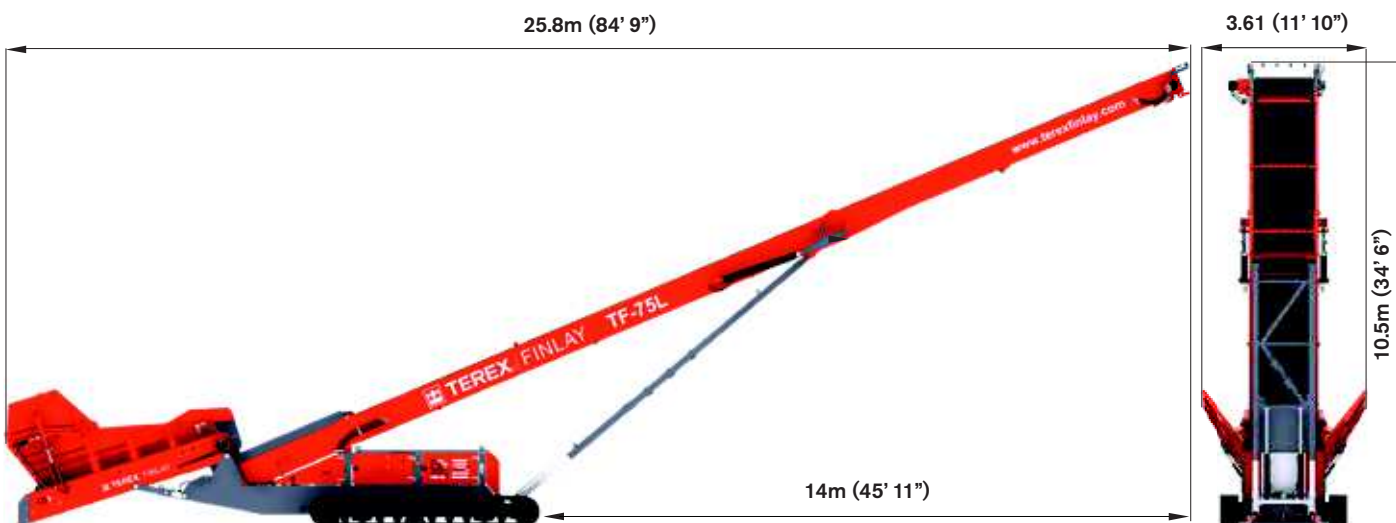
Hopper flares lined 6mm wearplate

Mild steel liners bolted into hopper

## TRANSPORT DIMENSIONS



## WORKING DIMENSIONS



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

## FEED CONVEYOR

- ▶ Capacity: 7m<sup>3</sup>
- ▶ Feed height: 1900mm
- ▶ Feed in width: 3500mm

## DISCHARGE CONVEYOR:

- ▶ Conveyor length: 22.6m
- ▶ Belt width: 1200mm
- ▶ Optimum working angle: 18°
- ▶ Optimum discharge height: 8.0m
- ▶ Stockpile capacity at optimum working angle based on 37° angle of repose: 944m<sup>3</sup>
- ▶ Max. working angle: 24°
- ▶ Max. discharge height: 9.8m
- ▶ Max. stockpile capacity based on 37° angle of repose: 1753m<sup>3</sup>
- ▶ Capacity: up to 600+tph
- ▶ Based on 100mm Lump size at 18° work angle
- ▶ Max belt speed



## UNDERCARRIAGE:

- ▶ 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