



# TEREX® | FINLAY



# TF-50H HIGH LEVEL FEEDER

## **SPECIFICATION:**

Conveyor Length:	18.2m (59' 8.7")
Net Engine Power:	
Tier 3:	Caterpillar C4.4 62kW(83hp) @2300rpm
Stage V:	Caterpillar C2.2 55kW (74hp) @2300rpm
Portability:	Tracked

# SPECIFICATION

**TF-50H**

## POWERUNIT:

Tier 3: Caterpillar C4.4 62kW(83hp) @2300rpm

Stage V:Caterpillar C2.2 55kW (74hp) @2300rpm

Fuel tank volume: 145litres

## FEEDER/HOPPER:

Capacity (No Grid): 4.2 m<sup>3</sup> (5.5yds<sup>3</sup>)

Feed height (No Grid): 2.28m (7' 6")

Feed in width (No Grid): 3.47m (11' 5")

Drive: hydraulic variable speed drive via high torque gearbox

Hydraulic adjustable jacking legs mounted under hopper side to support weight

## DISCHARGE CONVEYOR:

Conveyor Length: 15.6m (51' 2")

Belt Width: 1050mm (42")

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

Optimum working angle: 18°

Optimum discharge height: 7.2m (23' 8")

Stockpile capacity at optimum working angle based on 37° angle of repose: 290m<sup>3</sup> (379yd<sup>3</sup>)

Max. working angle: 24°

Max. discharge height: 7.2m (23' 8")

Max Stockpile capacity based on 37° angle of repose: 583m<sup>3</sup> (762yd<sup>3</sup>)

Capacity: up to 450TPH

Hydraulic discharge height adjustment

Hydraulic fold over for transport

Rosta scraper at head drum

## UNDERCARRIAGE:

Shoe Width: 300mm (1' 0")

Sprocket Centre: 3434mm (11' 3.2")

Outer Width: 2292mm (7' 6.2")

Gradability: 39.2°

Speed (KM/H) (Low): 0.8

Speed (KM/H) (High) / Or Single Speed: 1.5

## ELECTRICAL

Hand held track control set with connection lead



Feed Conveyor



Discharge Conveyor



Undercarriage

## GENERAL

Discharge Headrum Bearing with Automatic Greasing Cartridge

External Conveyor Belt Adjustment

Engine Prestart Delay & Siren

Emergency Stops

## PACKAGING

Roll on Roll off transport (RoRo)

Containerisation, packed into 1 x 40ft high cube containers

## OPTIONS

12ft Tipping Grid option 4" Grid Cassette

12ft Tipping Grid option 5" Grid Cassette

12ft Tipping Grid option 6" Grid Cassette

Integrated Fall break system bolted into hopper

12ft Single Deck Vibrating Grid (SDVG) C/W radio remote control tipping bofor grid 100mm (4") deck

Hopper upgraded to 250mm (10") extension 4.5m<sup>3</sup> (5.9yd<sup>3</sup>)

Hopper upgraded to 500mm (20") extension 6.8m<sup>3</sup> ( 8.9yds<sup>3</sup>) C/W

Integrated Fall Break System bolted into Hopper.

Hopper upgraded to 700mm (28") extension 7.8m<sup>3</sup> (10.2yds<sup>3</sup>) C/W Integrated Fall Break System bolted into Hopper.

Machine prepared hydraulically to tip a standard grid. Includes Remote Control. NO GRID

## OPTIONS

Machine prepared hydraulically for SDVG option. Includes Hyd flow control for discharge conv & Remote Control. NO Vibrating Grid

Anti-Roll Back Flaps

Discharge Conveyor Fitted With Chevron Belt EP315/3 Ply x 3+1.5 Covers C/W Beater Roller

Discharge Conveyor Fitted With Heavy Duty Plain Belt EP500 3 Ply x 5+2 Covers

High Spec Scraper Discharge Conveyor at Head Drum (only with Plain Belt)

Discharge Conveyor Underguard Length of Mid-Section

Pull Cord E-Stop Running Length Of Conveyor

Canvas Dust Covers complete with dust hood on discharge conveyor

Spray Bar at Head Drum on Discharge Conveyor

Full Length skirting rubber along Discharge Conveyor

Belt Weigher

Low Level Grease Lines to Head Drum

Overband Magnet on Discharge Conveyor with Hydraulic Kit and Support Frames

Radio Remote to Stop / Start Feed Conveyor, Stop / Start Discharge Conveyor and Tracking

Radio Remote Raise / Lower Discharge Conveyor and Tip Grid

ISO 68 Hydraulic Oil - (Recommended For Ambient Temperatures Between 15 - 50°)

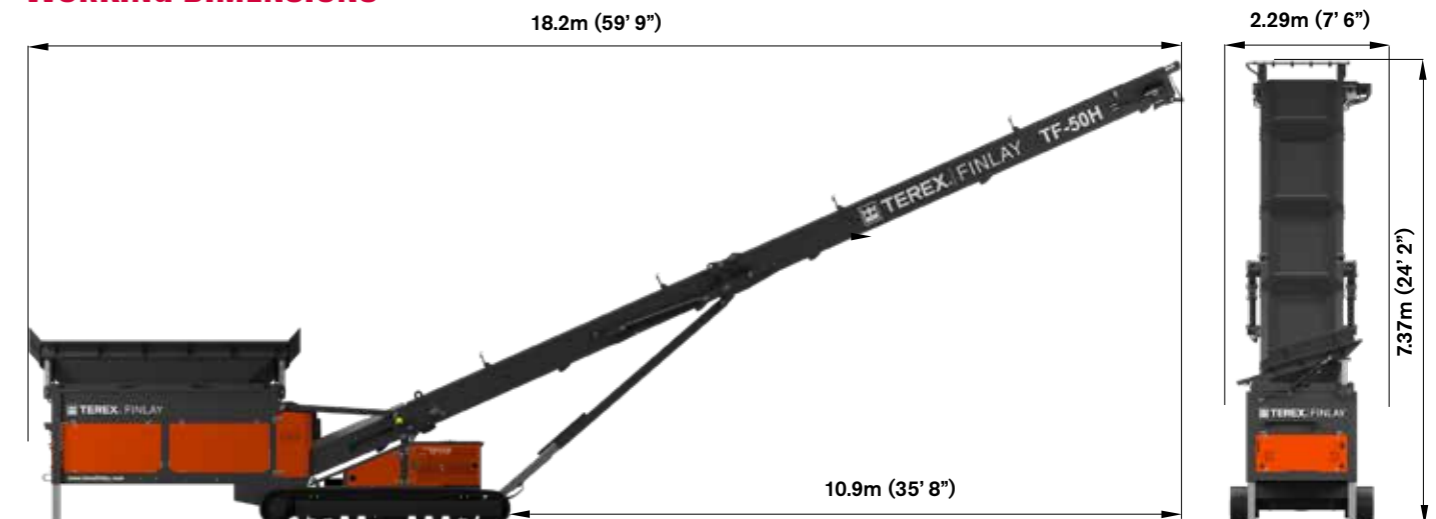
Note: Aftermarket option available for Telemetry for this model but not as factory supply option

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: 12,500kg (27,557lbs)**

### DISCHARGE CONVEYOR:

- ▶ Conveyor length: 15.6m (51' 2")
- ▶ Belt width: 1050mm (42")
- ▶ Optimum working angle: 18°
- ▶ Optimum discharge height: 7.2m (28' 8")
- ▶ Max stockpile capacity at optimum working angle based on 37° angle of repose: 290m<sup>3</sup> (379yd<sup>3</sup>)
- ▶ Max. working angle: 24°
- ▶ Max. discharge height: 7.2m (23' 8")
- ▶ Max. stockpile capacity based on 37° angle of repose: 583m<sup>3</sup> (762yd<sup>3</sup>)
- ▶ Capacity: up to 450 tph

### FEEDER/HOPPER:

- ▶ Capacity: 4.2m<sup>3</sup> (No Grid)
- ▶ Feed height: 2.28m (7' 6") (No Grid)
- ▶ Feed in width (No Grid): 3.47m (11' 5")



OPTIONAL SPRAY BAR

FOLDING HEAD SECTION

PINLESS DEPLOYMENT

### UNDERCARRIAGE:

- ▶ Undercarriage with heavy duty tracks. 3400mm centres, 300mm shoe

### POWERUNIT:

- ▶ Tier 3: Caterpillar C4.4 62kW (83hp) @2300rpm
- ▶ Stage V: Caterpillar C2.2 55kW (74hp) @2300rpm