TF-50H

HIGH LEVEL FEEDER



STRONG **HERITAGE,** STRONG **FUTURE**

FINLAY®
A TEREX BRAND

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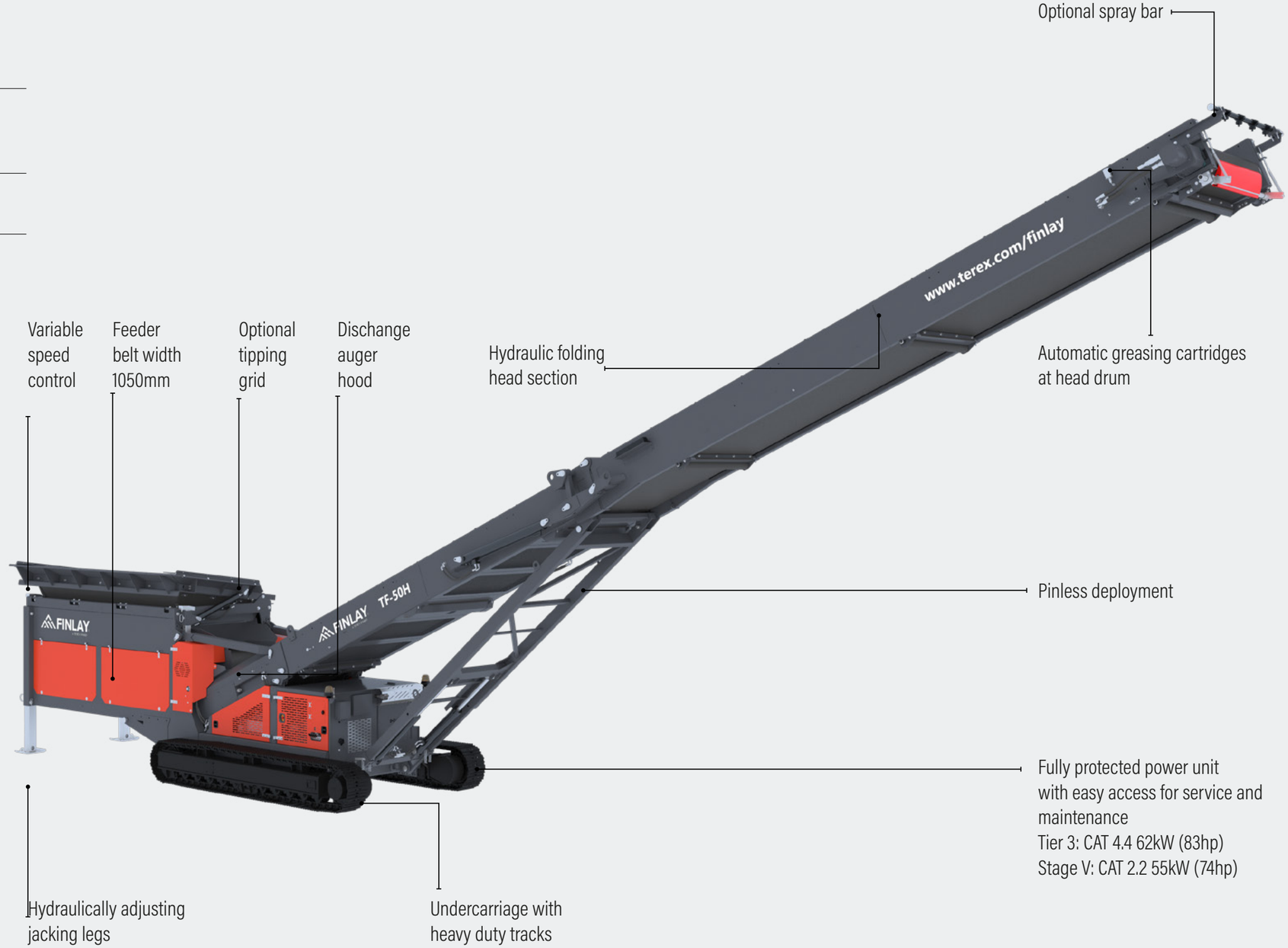
OVERVIEW

Total Weight	12,500kg (27,558bs) - Standard Unit	
Transport	Length	12.16m (39' 11")
	Height	2.55m (8' 4")
	Width	2.29m (7' 6")
Working @ 24°	Length	18.2m (59' 9")
	Height	7.37m (24' 2")
	Width	2.29m (7' 6")
Power Unit	Tier 3: CAT 4.4 62kW (83hp) or Stage V: CAT 2.2 55kW (74hp)	

NOTE: Dimensions may differ slightly from sales drawings due to differences in angles / reference points.

FEATURES & BENEFITS

- High capacity up to 450tph (496 US tph).
- Maximum feed size up to 150mm (6").
- Eliminates the need for wheeled loaders to create stockpiles - reduces labour and maintenance costs.
- Eliminates the need for handling material multiple times - reduces labour and maintenance costs.
- Improved material quality due to reduced compaction, degradation, segregation and contamination.
- Can except loads from an excavator, wheeled loader, crusher or screener.
- Multiple hopper options available depending on required capacities and operators loading methods or application.
- Rapid set up time and manoeuvrability around site.
- Reduced fuel consumption due to reduced reliance on wheeled loaders.
- Reduced wear on wheeled loaders where a conveyor is utilised.
- Hydraulic discharge height adjustment.
- Hydraulic fold over for transport.
- Rosta scraper.
- Discharge conveyor head drum bearing automatic greasing.
- External conveyor belt adjustment.
- Engine pre-start delay & siren.
- Emergency stops x 3.



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HOPPER & GRID

Grip Opening:	3855mm (12' 8") x 1995mm (6' 7")
Target Area (Without Grid):	3468mm (11' 5") x 1438mm (4' 9")
Grid Apertures:	108mm (4")
Optional Grid Apertures:	100mm (4"), 126mm (5"), 151mm (6")
Capacity (Tipping Grid Fitted):	3.8m3 (4.97 Cu.Yd.)
Capacity (No Tipping Grid Fitted):	4.2m3 (5.5 Cu.Yd.)
Rear Feed In Height Without Tipping Grid:	2.28m (7' 6")
Rear Feed In Height With Tipping Grid:	2.76m (9' 1")

TRACKS

Shoe Width:	300mm (1')
Sprocket Centre:	3434mm (11' 3")
Outer Width:	2292mm (7'6")
Gradability:	39.2º
Speed:	0.8km/h
Speed High:	1.5km/h
Speed High:	63Lpm (Per track)

POWER UNIT & HYDRAULICS

Engine (Tier 3):	CAT C4.4
Power Rating:	62kW (83hp)
RPM:	2300rpm
Crankshaft Pump:	29/29/19
Engine (Tier 4F):	CAT C2.2
Power Rating:	55kW (74hp)
RPM:	2300rpm
Crankshaft Pump:	29/29/19
Diesel Tank Capacity:	145L (38 US GAL)
Hydraulic Tank Capacity:	300L (79 US GAL)

DISCHARGE CONVEYOR

Width:	1050mm (42")
Belt Centres:	15.6m (51' 2")
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Drive Drum Dia:	286mm (11.3")
Tail Drum Dia:	270mm (10.6")
Max Belt Speed:	109m/m
Motor Size:	500cc
Operating Angle:	0º - 24º
Discharge Height @18º:	5.9m (19' 4")
Stockpile Capacity @18º & 37º Angle of Repose:	290m³ (379 Cu.Yd)
Discharge Height @24º:	7.2m (23' 8")
Stockpile Capacity @24º & 37º Angle of Repose:	583m³ (762 Cu.Yd)
Variable Speed:	Yes

FEED CONVEYOR

Width:	1050mm (42")
Belt Type:	Plain
Belt Spec:	EP400/3 4+2
Variable Speed:	Yes

SINGLE DECK VIBRATING GRID

Type of Grid:	3.1m x 2.45m (10' 2" x 8')
Grid:	Single Deck Vibrating
Target Area:	3.84m x 2.1m (12' 7" x 6' 11")
Grid Opening:	3.03m x 2.17m (9' 11" x 7' 1")
Top Deck Type:	Tapered Bofor Bar
Standard Aperture:	90mm tapering to 110m (4")
Optional Apertures:	110mm - 130mm (5")
Working Angle:	4º - 14º
Tip Angle:	43º
Rear Feed In Height:	3483mm (11' 5") @ 12o / 3560mm (13' 7") @ 14º
Weight:	5450kg (12,015lbs)
Speed:	1050rpm
Throw:	4.5mm
G Force:	2.77G
Increase In Transport Height:	+820mm (2' 8")

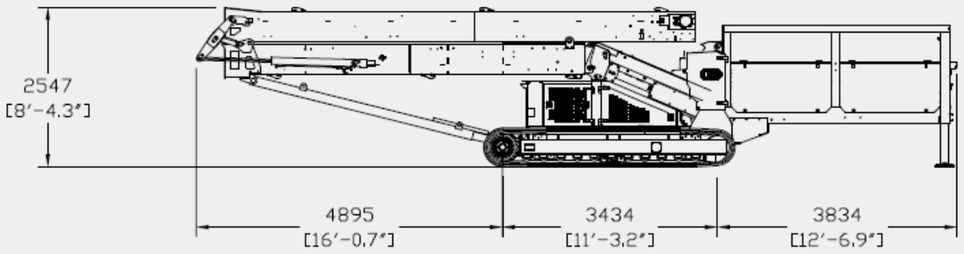


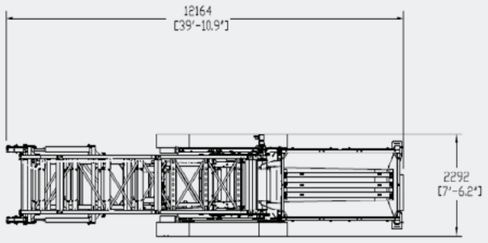
DISCHARGE CONVEYOR

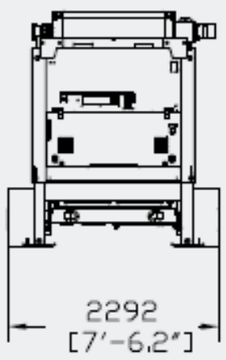
- Dust hood
- Canvas dust covers complete with dust hood on discharge conveyor
- Full length skirting rubber along discharge conveyor
- High spec head drum scraper on discharge conveyor (plain belt only)
- Anti-roll back flaps
- Heavy duty plain discharge belt EP500 3 Ply x 5 + 2 covers
- Discharge conveyor under guard for mid-section
- Spray bar at head drum
- Belt weigher
- Overband magnet on discharge conveyor complete with hydraulic kit and support frames
- Radio remote to start / stop feeder, start / stop discharge conveyor and tracking
- Radio remote to raise / lower discharge conveyor & tipping grid.
- Pull cord E-Stop running the length of the conveyor
- 12ft tipping grid 4", 5" or 6" grid cassette
- 500mm (20") hopper extensions with fall break system in hopper
- 700mm (28") hopper extensions with fall break system in hopper
- Machine prepped hydraulically to tip a grid including remote control (no grid supplied)
- Machine prepped hydraulically for SDVG including remote control (no SDVG supplied)
- Discharge conveyor chevron belt EP315 3 ply 3 + 1.5 covers
- Grade ISO 68 hydraulic oil (recommended for ambient temperatures between +15 and +50 degrees Celsius)
- Grease lines to head drum

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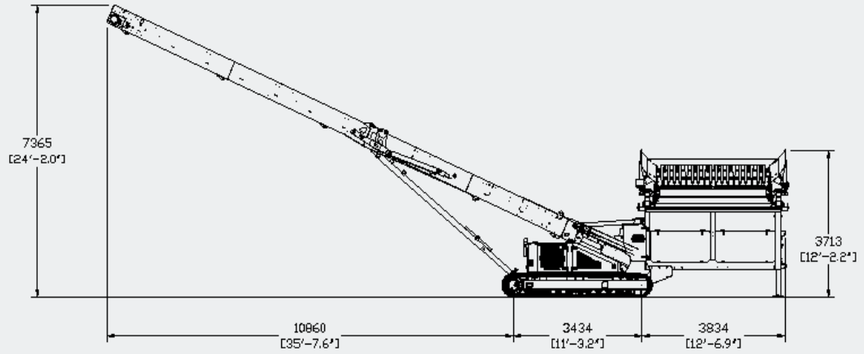
TRANSPORT

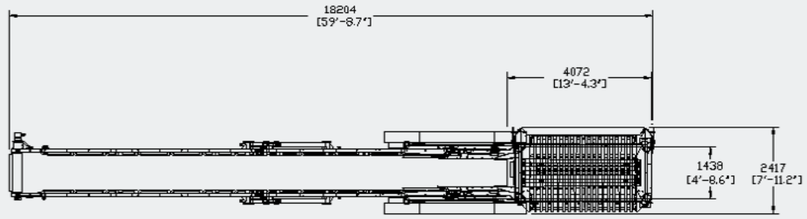


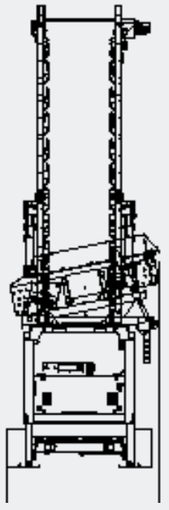




WORKING







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Published and Printed in 2026

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