TF-75H

HIGH LEVEL FEEDER



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

FINLAY®
A TEREX BRAND

TF-75H HIGH LEVEL FEEDER

OVERVIEW

Total Weight	24,350kg (53,683bs)	
Transport	Length	19.5m (63')
	Height	3.12m (10' 2")
	Width	2.75m (9')
Working @ 24°	Length	25.5m (83' 7")
	Height	10.5m (34' 6")
	Width	2.75m (9')
Power Unit	Tier 3: CAT 4.4 83kW (111hp) or, Tier 4F: CAT 4.4 82kW (110hp) or, Stage V: CAT 3.6 82kW (110hp)	

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

FEATURES & BENEFITS

- High capacity up to 600tph (661 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.
- Kick out sensor stops feeder if discharge belt is under extreme load.
- Pinless deployment.
- 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

Grip Opening:	4750mm (15′ 7″) x 2150mm (7′ 1″)
Target Area (Without Grid):	4100mm (13′ 5″) x 1633mm (5′ 5″)
Grid Apertures:	108mm (4″)
Optional Grid Apertures:	73mm (3″), 126mm (5″), 151mm (6″)
Capacity (Tipping Grid Fitted):	7m³ (9.15 Cu.Yd.)
Capacity (No Tipping Grid Fitted):	6.4m³ (8.4 Cu.Yd.)
Rear Feed In Height Without Tipping Grid:	2.6m (8′ 6″)
Rear Feed In Height With Tipping Grid:	3.2m (10′ 6″)

FEED CONVEYOR

Width:	1200mm (48″)
Belt Type:	Plain
Belt Spec:	EP400/3 4+2
Variable Speed:	Yes

TRACKS

Shoe Width:	400mm (1′ 4″)
Sprocket Centre:	4300mm (14′ 1″)
Outer Width:	2750mm (9′)

DISCHARGE CONVEYOR

Width:	1200mm (48″)
Belt Centres:	22.5m (73′ 10″)
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
Drive Drum Dia:	345mm (13.6″)
Tail Drum Dia:	320mm (12.6″)
Max Belt Speed:	113m/m
Motor Size:	630cc
Operating Angle:	5º - 24º
Discharge Height @18º:	8m (26′ 3″)
Stockpile Capacity @18º & 37º Angle of Repose:	944m³ (1235 Cu.Yd)
Discharge Height @24º:	9.8m (32′ 2″)
Stockpile Capacity @24º & 37º Angle of Repose:	1735m³ (2270 Cu.Yd)
Variable Speed:	Yes

POWER UNIT & HYDRAULICS

Engine (Tier 3):	CAT C4.4
Power Rating:	83kW (111hp)
RPM:	1800rpm
Crankshaft Pump:	38/38/8
Engine (Tier 4F):	CAT C4.4
Power Rating:	82kW (110hp)
RPM:	1800rpm
Crankshaft Pump:	38/38/8
Engine (Stage V):	CAT C3.6
Power Rating:	82kW (110hp)
RPM:	1800rpm
Crankshaft Pump:	38/38/8
Diesel Tank Capacity:	325L (86 US GAL)
Hydraulic Tank Capacity T3:	360L (95 US GAL)
Hydraulic Tank Capacity T4:	360L (95 US GAL)

DOUBLE 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″)

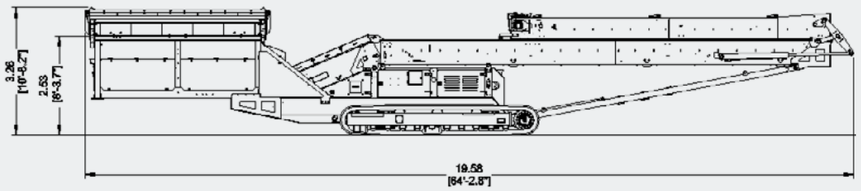
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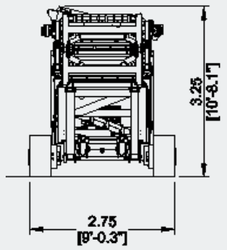
- Dust hood
- Canvas dust covers complete with dust hood on discharge conveyor
- Twin drive discharge conveyor (Recommended to also select)
- Full length skirting rubber along discharge conveyor
- High spec head drum scraper on discharge conveyor (plain belt
- Anti-roll back flaps
- Heavy duty plain discharge belt EP500 4 Ply x 8 + 2 covers.
- Ceramic lagging on discharge conveyor drive drum
- Ceramic lagging on feed conveyor drive drum
- Discharge conveyor under guard for mid-section
- Dust suppression (spray bars only)
- Belt weigher
- Overband magnet on discharge conveyor complete with hydraulic kit and support frames
- Radio remote to start / stop feeder, raise / lower discharge conveyor & tipping grid if selected
- Pull cord E-Stop running the length of the conveyor
- Radio remote control for tracking
- Feedboot lined AR400 6mm wear plate
- 6mm mild steel liners bolted into hopper
- 6mm AR400 wear plate liners in hopper
- Twin drive feed conveyor
- 4″ or 6″ tipping grid fitted to feed conveyor
- Integrated fall break system bolted into hopper
- 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
- Machine prepped hydraulically for DDVG including remote control (no DDVG 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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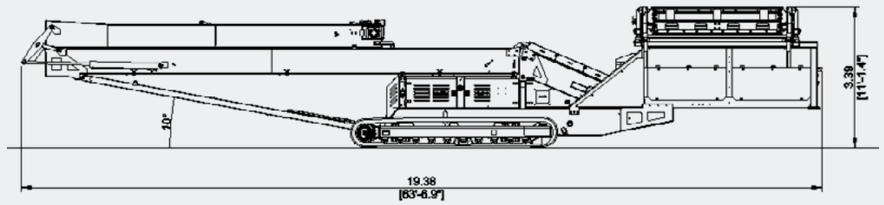
TRANSPORT

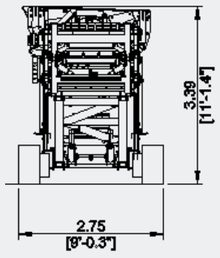
(TIPPING GRID)



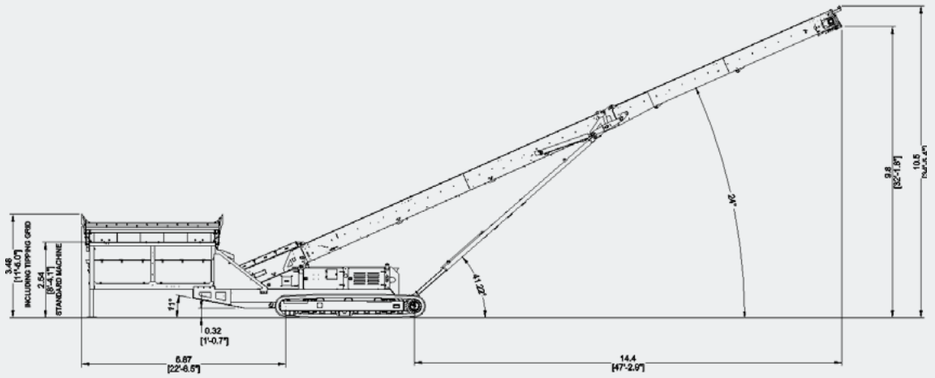


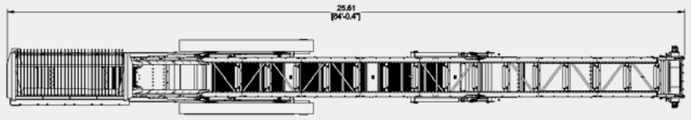
(DOUBLE DECK VIBRATING GRID)

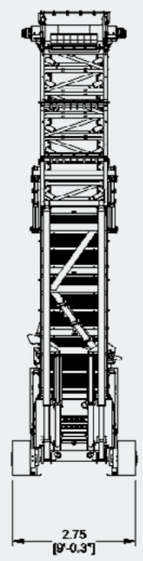




WORKING







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