TECHNICAL
SPECIFICATION

EVOQUIP®
A TEREX BRAND



T-LINK
RECORD, DISPLAY
AND ANALYSE DATA

HLF75
LOW LEVEL FEEDER

HLF75 LOW LEVEL FEEDER

OVERVIEW

Total Weight	23,500kg (51,809bs)	
Transport	Length	19.74m (64' 9")
	Height	3.35m (11')
	Width	2.75m (9')
Working @ 24º	Length	25.8m (84' 9")
	Height	10.1m (33' 2")
	Width	3.61m (11' 10")
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.
- Can be loaded from 3 sides, ensuring versatility.
- Rapid set up time and manoeuvrability around site.
- Low feed in height giving increased productivity and safety.
- Unrestricted discharge at front of hopper - ideal for bulky materials.
- 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 2.



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HOPPER

Target Area (Flares Down):	4.7m (15′ 5″) x 2.6m (8′ 6″)
Target Area (Flares Up):	4.7m (15′ 5″) x 3.49m (11′ 5″)
Capacity:	7m³ (9.15 Cu.Yd.)
Feed In Height:	1.9m (6′ 3″)



FEED CONVEYOR

Width:	1300mm (4′ 3″)
Belt Type:	Plain
Belt Spec:	EP400/3 4+2
Variable Speed:	Yes

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:	5° - 24°
Discharge Height @18°:	8m (26′ 3″)
Stockpile Capacity @18° & 37° Angle of Repose:	944m³ (1235 Cu.Yd)
Discharge Height @24°:	9.8m (32′ 2″)
Stockpile Capacity @24° & 37° Angle of Repose:	1735m³ (2270 Cu.Yd)
Variable Speed:	Yes



TRACKS

Shoe Width:	400mm (1′ 4″)
Sprocket Centre:	4300mm (14′ 1″)
Outer Width:	2750mm (9′)
Gradability:	45.9°
Speed:	0.6km/h
Speed High:	1.1km/h
Speed High:	68Lpm (Per track)



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)

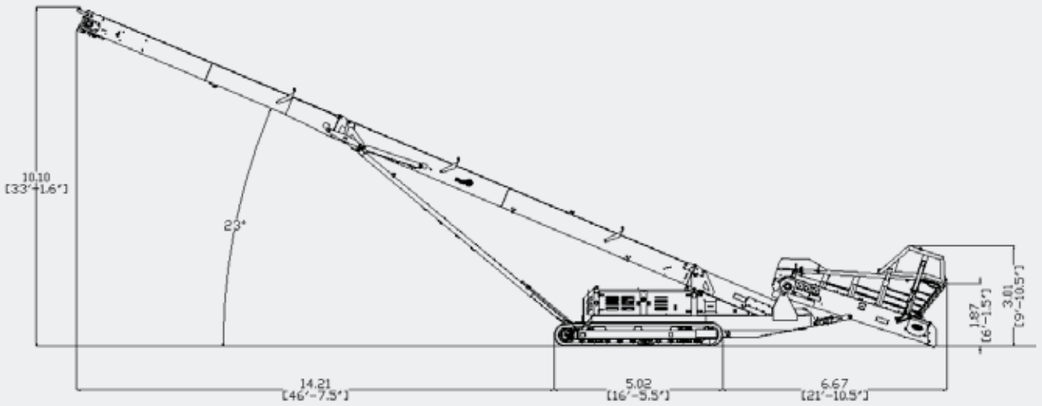


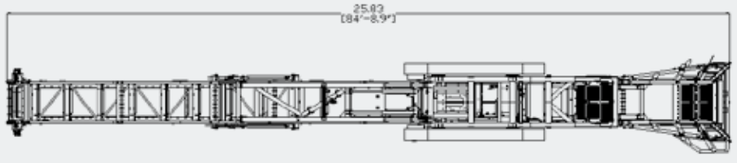
OPTIONS

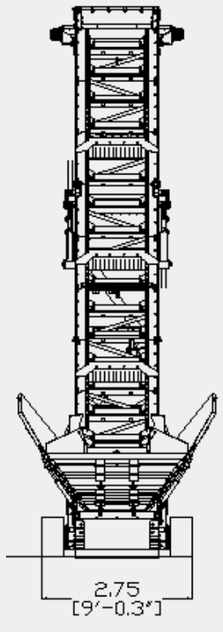
- Dust hood.
- Canvas dust covers complete with dust hood on discharge conveyor.
- Full length skirting rubber on discharge conveyor.
- High spec head drum scraper on discharge conveyor (plain belt only).
- Anti-roll back flaps.
- Heavy duty plain belt on discharge conveyor EP500 4 Ply x 8 + 2 covers.
- Twin drive discharge conveyor (Recommended to also select ceramic lagging on head drum).
- Ceramic lagging on discharge conveyor drive drum.
- Discharge conveyor under guard length of 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.
- Pull cord E-Stop running the length of the conveyor.
- Feedboot lined with AR400 6mm wear plate.
- Manual adjusting jacking legs at tail side of feeder to adjust tail height.
- Ceramic lagging on feed conveyor drive drum.
- Hopper lined with AR400 6mm wear plate.
- Hopper flares lined with AR400 6mm wear plate.
- 6mm mild steel liners bolted into hopper.
- Chevron belt for discharge conveyor EP315 3 Ply x 3 + 1.5 covers
- Grade ISO 68 hydraulic oil (recommended for ambient temperatures of +15 - +50 degrees Celsius).
- Larger capacity hopper.
- Hybrid configuration.
- Grease lines to head drum.
- Radio remote for tracking.

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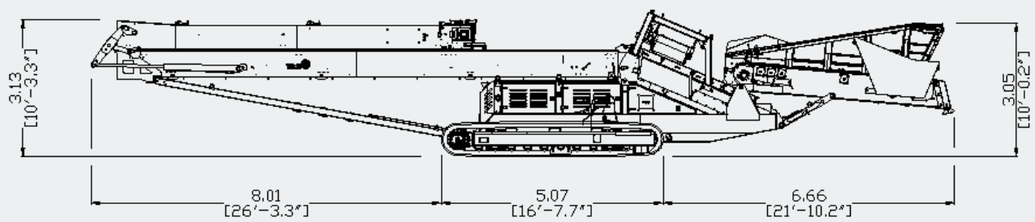
WORKING DIMENSIONS

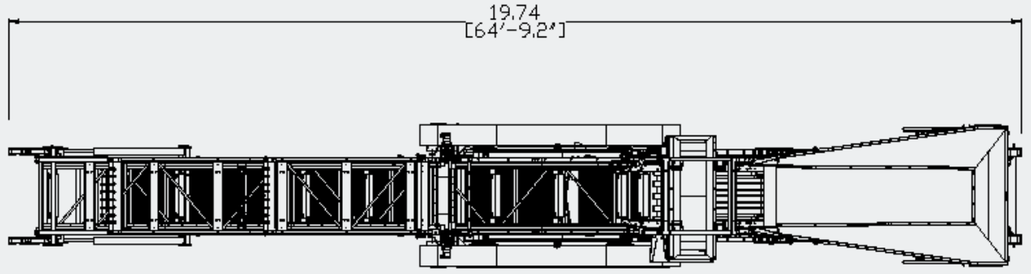


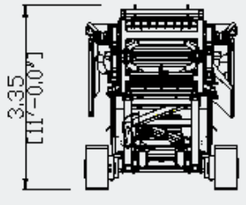




TRANSPORT DIMENSIONS









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