TECHNICAL
SPECIFICATION

EVOQUIP®
A TEREX BRAND



T-LINK
RECORD, DISPLAY
AND ANALYSE DATA

HLF75
ORGANIC FEEDER

HLF75 ORGANIC FEEDER

OVERVIEW

Total Weight	24,350kg (53,683bs)	
Transport	Length	19.4m (63' 8")
	Height	3.07m (10' 1")
	Width	2.75m (9')
Working @ 24º	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").
- Radio remote control to stop / start feeder, raise / lower conveyor, slew & track machine.
- 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

Target Area:	4040mm (13′ 3″) x 2000mm (6′ 7″)
Capacity (No Tipping Grid Fitted):	10m³ (13 Cu.Yd.)
Rear Feed In Height:	3.52m (11′ 6″)



FEED CONVEYOR

Width:	1400mm (56″)
Belt Type:	Plain
Belt Spec:	EP400/3 4+2
Variable Speed:	Yes
Auger Max Speed:	195rpm

DISCHARGE CONVEYOR

Width:	1200mm (48″)
Belt Centres:	22.5m (73′ 10″)
Belt Type:	Chevron
Belt Spec:	EP315 3 3+1.5
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



TRACKS

Shoe Width:	400mm (1′ 4″)
Sprocket Centre:	4300mm (14′ 1″)
Outer Width:	2750mm (9′)
Gradability:	45.9º
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

- Canvas dust covers on discharge conveyor.
- Feedboot lined with 6mm AR400 wear plate
- Canvas dust covers complete with dust hood on discharge conveyor.
- Dust hood
- Twin drive discharge conveyor (recommended to also select ceramic drive drum option).
- Twin drive feed conveyor.
- Anti-roll back flaps.
- Heavy duty discharge belt EP500 4 ply x 8 + 2 covers.
- High spec scraper on discharge conveyor (plain belt only).
- 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.
- Full length skirting rubber on discharge conveyor.
- Grease lines to head drum.
- Overband magnet on discharge conveyor with hydraulic kit and support frames.
- Radio remote to start / stop feeder, raise / lower discharge conveyor.
- Radio remote for tracking machine only.
- Grade ISO 86 Hydraulic oil (Recommended for ambient temperatures between +15 and +50 degrees Celsius.
- Pull cord E-Stop running the length of the conveyor.
- Hybrid configuration.

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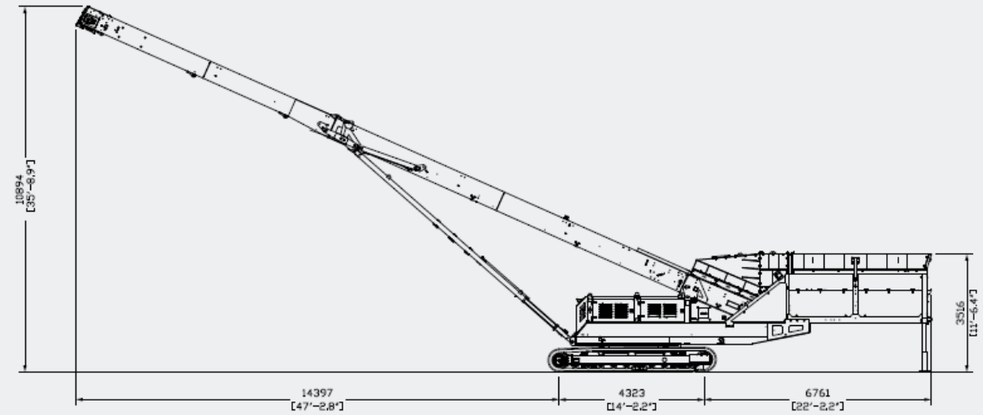
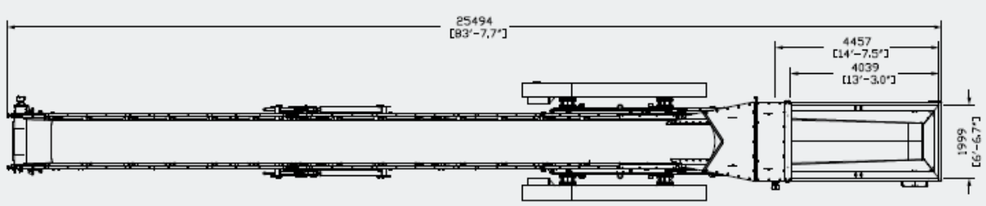
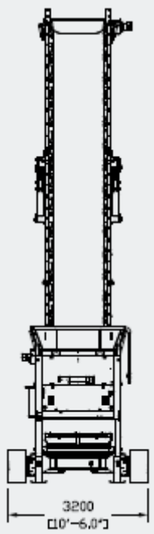
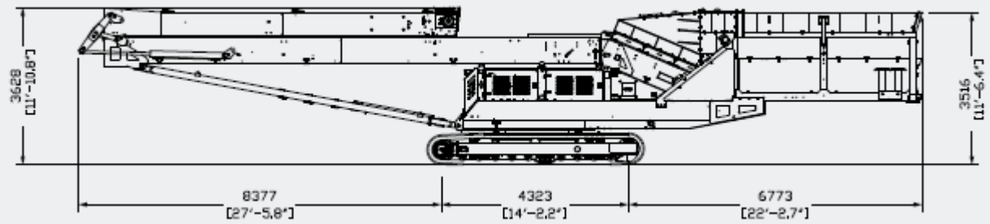
WORKING DIMENSIONS

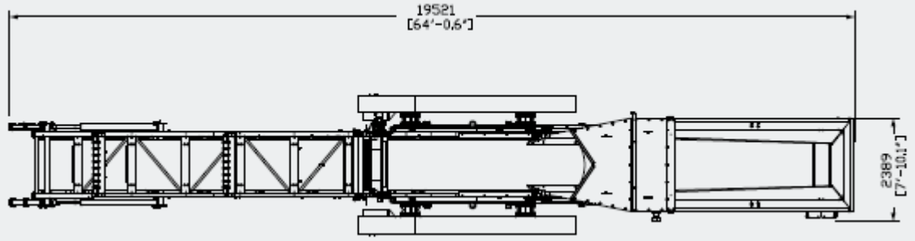


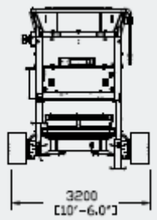




TRANSPORT DIMENSIONS









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