TECHNICAL
SPECIFICATION

EVOQUIP®
A TEREX BRAND



T-LINK
RECORD, DISPLAY
AND ANALYSE DATA

HLF75
ORBITAL ORGANIC

HLF75 ORBITAL ORGANIC FEEDER

OVERVIEW

Total Weight	29,300kg (64,595bs)
Transport	Length 19.5m (63') Height 3.63m (11' 11") Width 3.2m (10' 6")
Working @ 24º	Length 25.5m (83' 7") Height 10.9m (35' 9") Width 3.2m (10' 6")
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").
- 360 degree stockpiling capability - increased stockpiling capacity without the need to move the machine.
- Transverse loading for rail cars and barges.
- 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.



(Shown with optional overband magnet)

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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:	8.8m (28′ 2″)
Stockpile Capacity @18º & 37º Angle of Repose:	1047m³ (1369 Cu.Yd)
Discharge Height @24º:	10.7m (34′ 6″)
Stockpile Capacity @24º & 37º Angle of Repose:	1957m³ (2560 Cu.Yd)
Variable Speed:	Yes



TRACKS

Shoe Width:	400mm (1′ 4″)
Sprocket Centre:	4300mm (14′ 1″)
Outer Width:	3200mm (10′ 6″)
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)

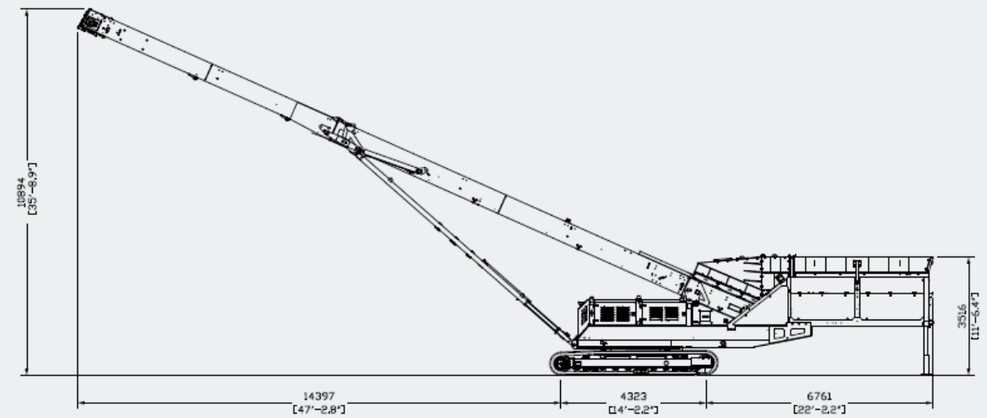


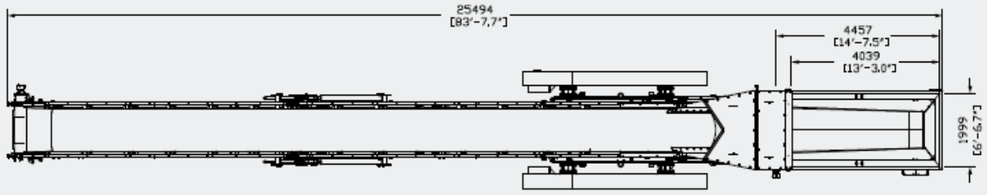
OPTIONS

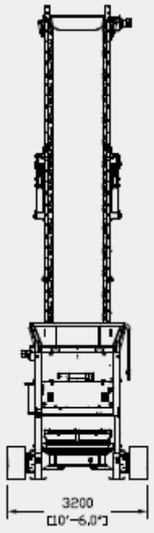
- Canvas dust covers on discharge conveyor.
- Canvas dust covers complete with dust hood on discharge conveyor.
- Dust hood.
- Feedboot lined with 6mm AR400 wear plate.
- Twin drive discharge conveyor (Recommended to also select ceramic lagging option).
- Twin drive feed conveyor.
- Anti-roll back flaps.
- Heavy duty plain 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.
- High spec scraper on discharge conveyor (plain belt only).
- Dust suppression (spray bars only).
- Belt weigher.
- Overband magnet on discharge conveyor with hydraulic kit and support frames.
- Full length skirting rubber along discharge conveyor.
- Pull cord E-Stop running the length of the conveyor.
- Grade ISO 68 hydraulic oil (Recommended for ambient temperatures between +15 and +50 degrees Celsius).
- Grease lines to head drum.

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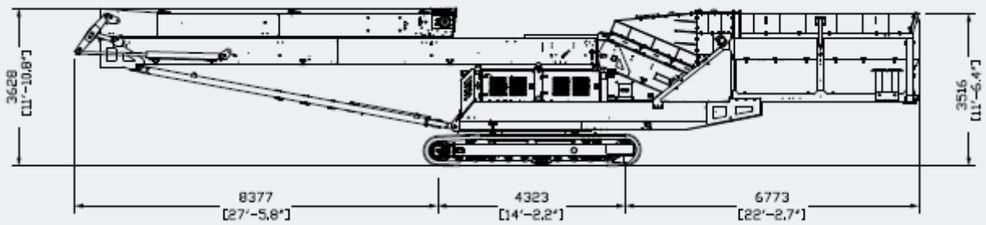
WORKING DIMENSIONS

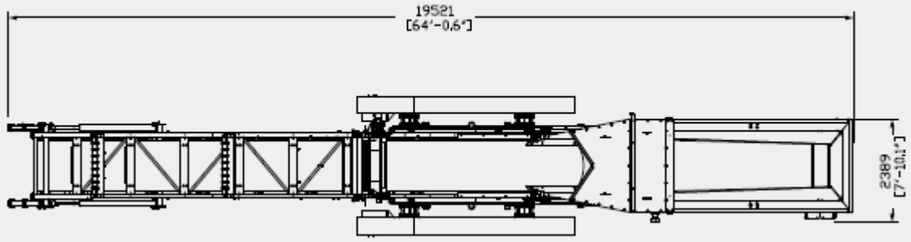


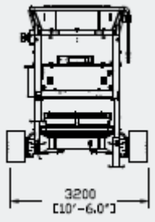




TRANSPORT DIMENSIONS









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