

**TECHNICAL
SPECIFICATION**



MF15L

LOW LEVEL FEEDER

MF15L LOW LEVEL FEEDER

OVERVIEW

Total Weight	13,240kg (29,189bs) - Standard Unit	
Transport	Length	12.2m (40' 1")
	Height	2.55m (8' 4")
	Width	2.77m (9' 1")
Working @ 24°	Length	18.2m (59' 9")
	Height	7.37m (24' 2")
	Width	3.42m (11' 3")
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.
- 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.
- 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 (Flares Down):	4.07m (13' 4") x 2.1m (7' 1")
Target Area (Flares Up):	4.07m (13' 4") x 3.3m (10' 10")
Capacity:	7m ³ (9.15 Cu.Yd.)
Feed In Height:	2.7m (8' 9") - lowest position (flares up)

FEED CONVEYOR

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

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:	0° - 24°
Discharge Height @18°:	5.9m (19' 4")
Stockpile Capacity @18° & 37° Angle of Repose:	290m ³ (379 Cu.Yd.)
Discharge Height @24°:	7.2m (23' 8")
Stockpile Capacity @24° & 37° Angle of Repose:	583m ³ (762 Cu.Yd.)
Variable Speed:	Yes

TRACKS

Shoe Width:	300mm (1')
Sprocket Centre:	3434mm (11' 3")
Outer Width:	2292mm (7' 6")
Gradability:	39.2°
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 (Stage V):	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)

NOTE: Stage V engine option is Dual Certified to include the USA

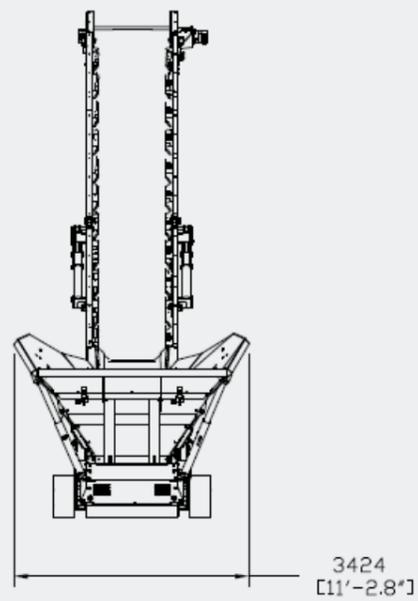
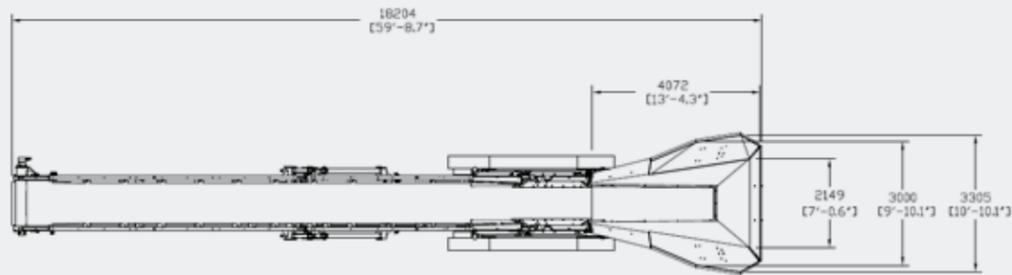
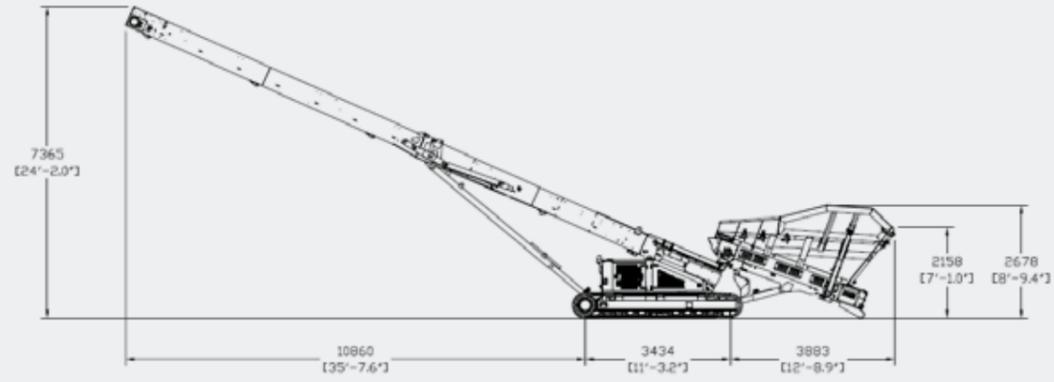


OPTIONS

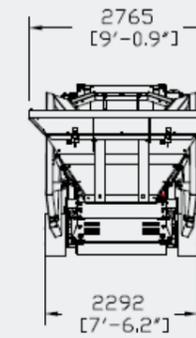
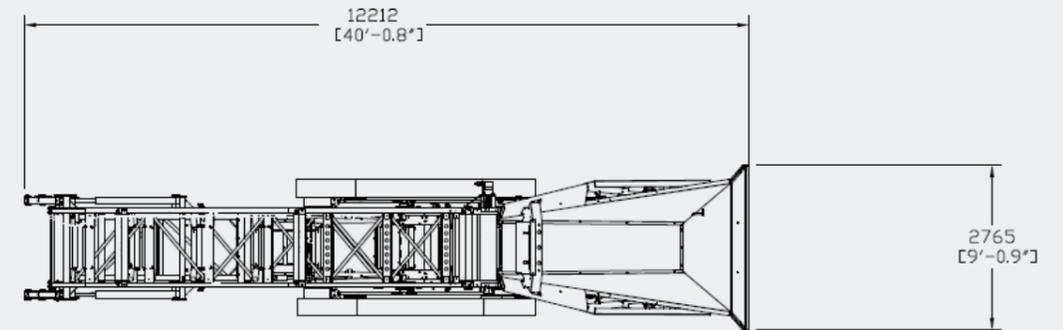
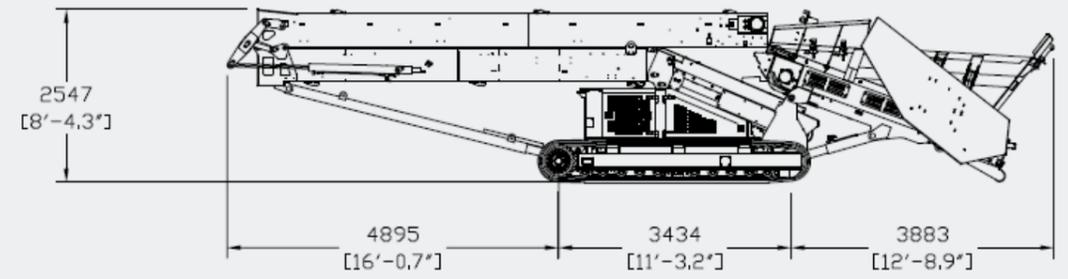
- Dust hood.
- Canvas dust covers complete with dust hood on discharge conveyor.
- Full length skirting rubber on discharge conveyor.
- High spec head drum scraper on discharge conveyor (plain belt only).
- Anti-roll back flaps.
- Heavy duty plain belt on discharge conveyor EP500 3 Ply x 5 + 2 covers.
- Discharge conveyor under guard length of 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 feed conveyor, start / stop discharge conveyor & tracking.
- Radio remote raise / lower discharge conveyor & raise / lower feed conveyor.
- Pull cord E-Stop running the length of the conveyor.
- 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).
- Grease lines to head drum.
- Integrated fall break system bolted into hopper with adjustable feed hopper outlet door.
- Feeder discharge door with integrated fall break

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WORKING DIMENSIONS



TRANSPORT DIMENSIONS





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