

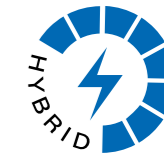
**TECHNICAL
SPECIFICATION**



MF24H

ORGANIC FEEDER

MF24H ORGANIC FEEDER



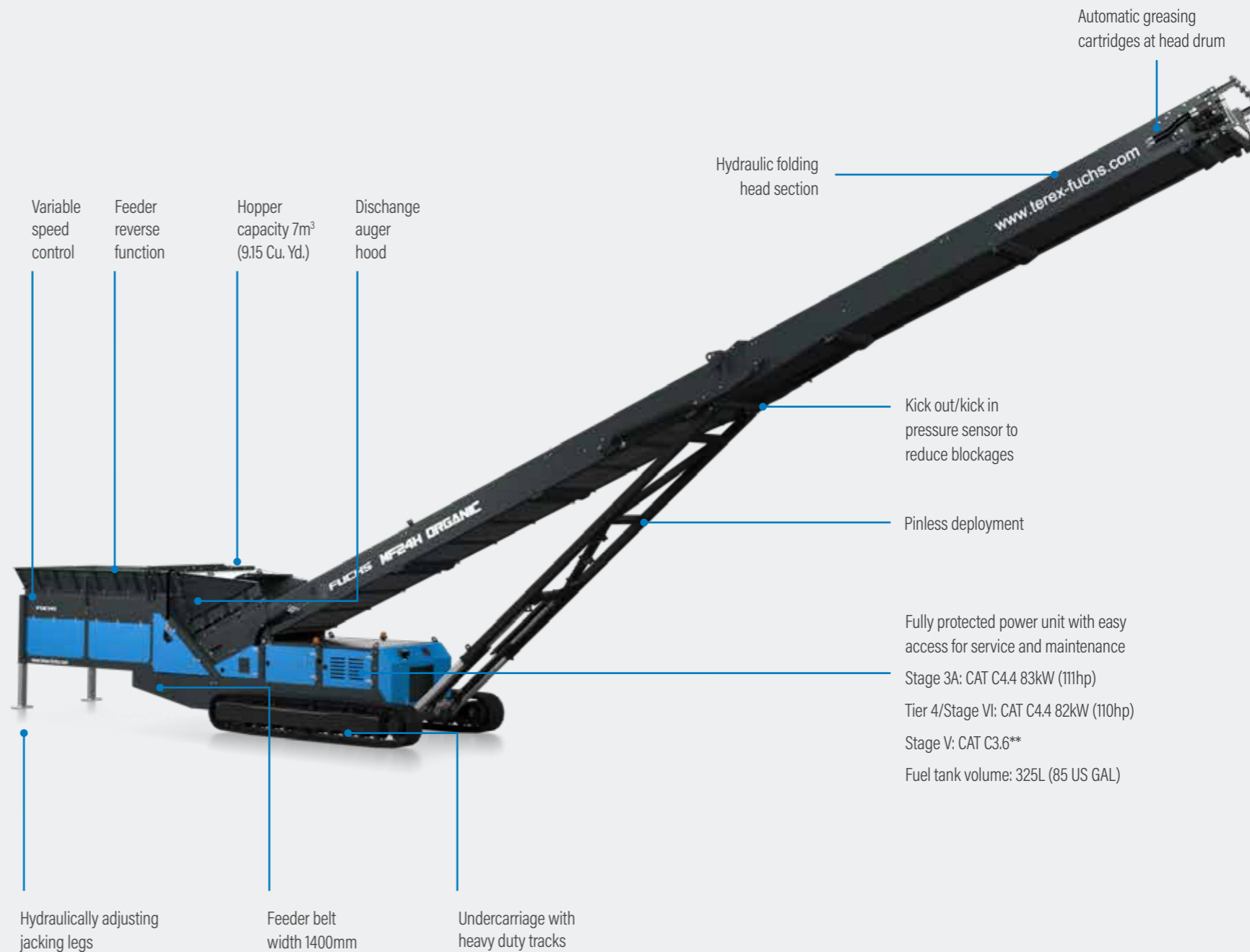
OVERVIEW

| | | |
|---------------|--|----------------|
| Total Weight | 24,350kg (53,683bs) | |
| Transport | Length | 19.4m (63' 8") |
| | Height | 3.07m (10' 1") |
| | Width | 2.75m (9') |
| Working @ 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").
- 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 accept 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.



MF24H ORGANIC FEEDER



HOPPER

| | |
|------------------------------------|----------------------------------|
| Target Area: | 4040mm (13' 3") x 2000mm (6' 7") |
| Capacity (No Tipping Grid Fitted): | 10m ³ (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: | 5° - 24° |
| Discharge Height @18°: | 8m (26' 3") |
| Stockpile Capacity @18° & 37° Angle of Repose: | 944m ³ (1235 Cu.Yd) |
| Discharge Height @24°: | 9.8m (32' 2") |
| Stockpile Capacity @24° & 37° Angle of Repose: | 1735m ³ (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 |

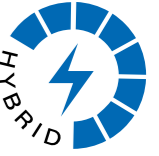
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|-----------------------------|------------------|
| Diesel Tank Capacity: | 325L (86 US GAL) |
| Hydraulic Tank Capacity T3: | 360L (95 US GAL) |
| Hydraulic Tank Capacity T4: | 360L (95 US GAL) |

OPTIONS

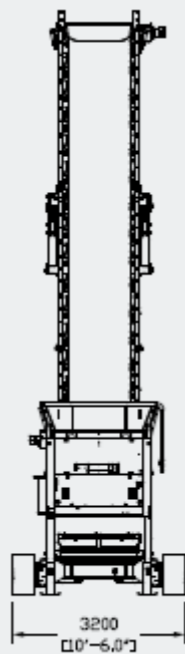
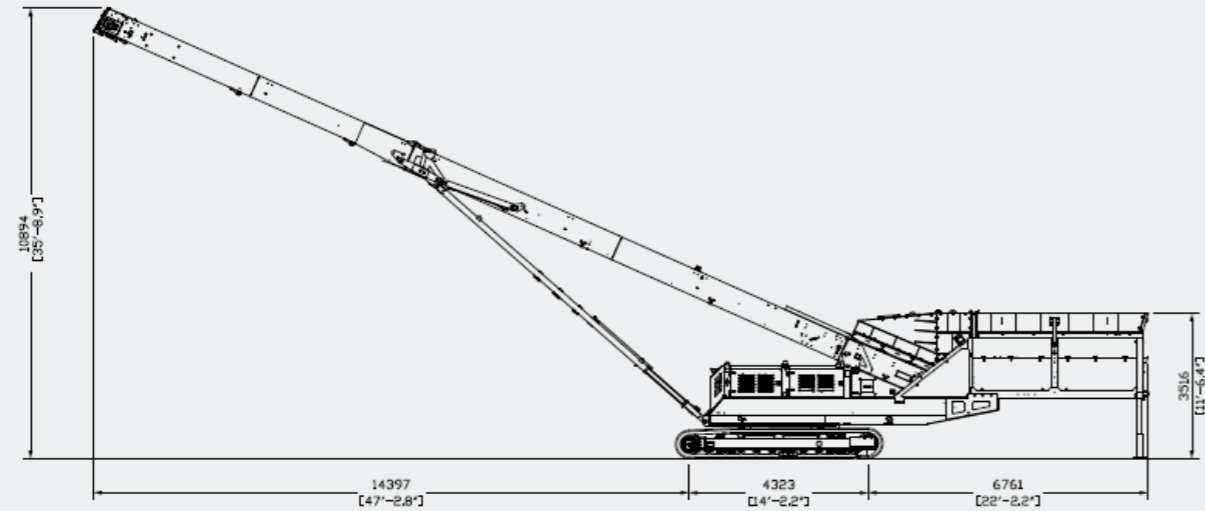
- Canvas dust covers on discharge conveyor.
- Feedboot lined with 6mm AR400 wear plate
- Canvas dust covers complete with dust hood on discharge conveyor.
- Dust hood
- Twin drive discharge conveyor (recommended to also select ceramic drive drum option).
- Twin drive feed conveyor.
- Anti-roll back flaps.
- 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.



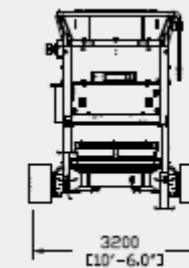
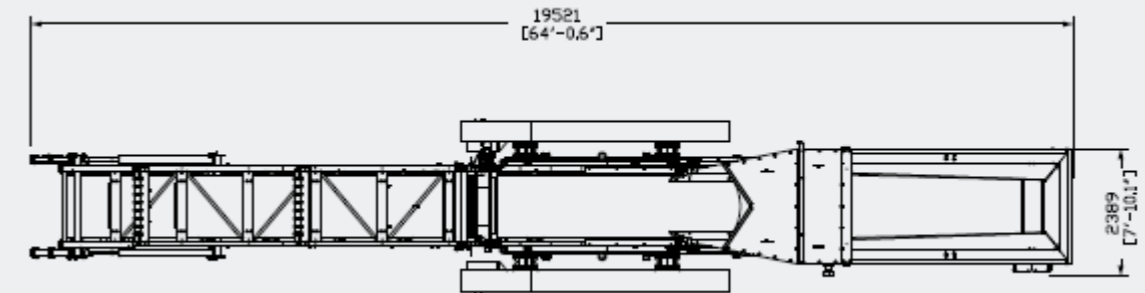
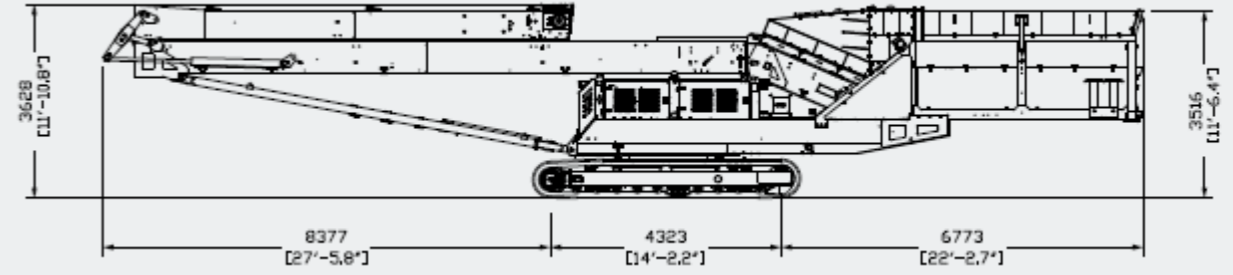
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WORKING DIMENSIONS



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