



# HF 75 50

## Orbital Organic



REDUCED COST



SITE OPERATING  
EFFICIENCY



ENVIRONMENTAL  
CONSIDERATIONS



IMPROVE HEALTH  
& SAFETY



PRODUCT  
QUALITY

VARIANTS HF 75 50



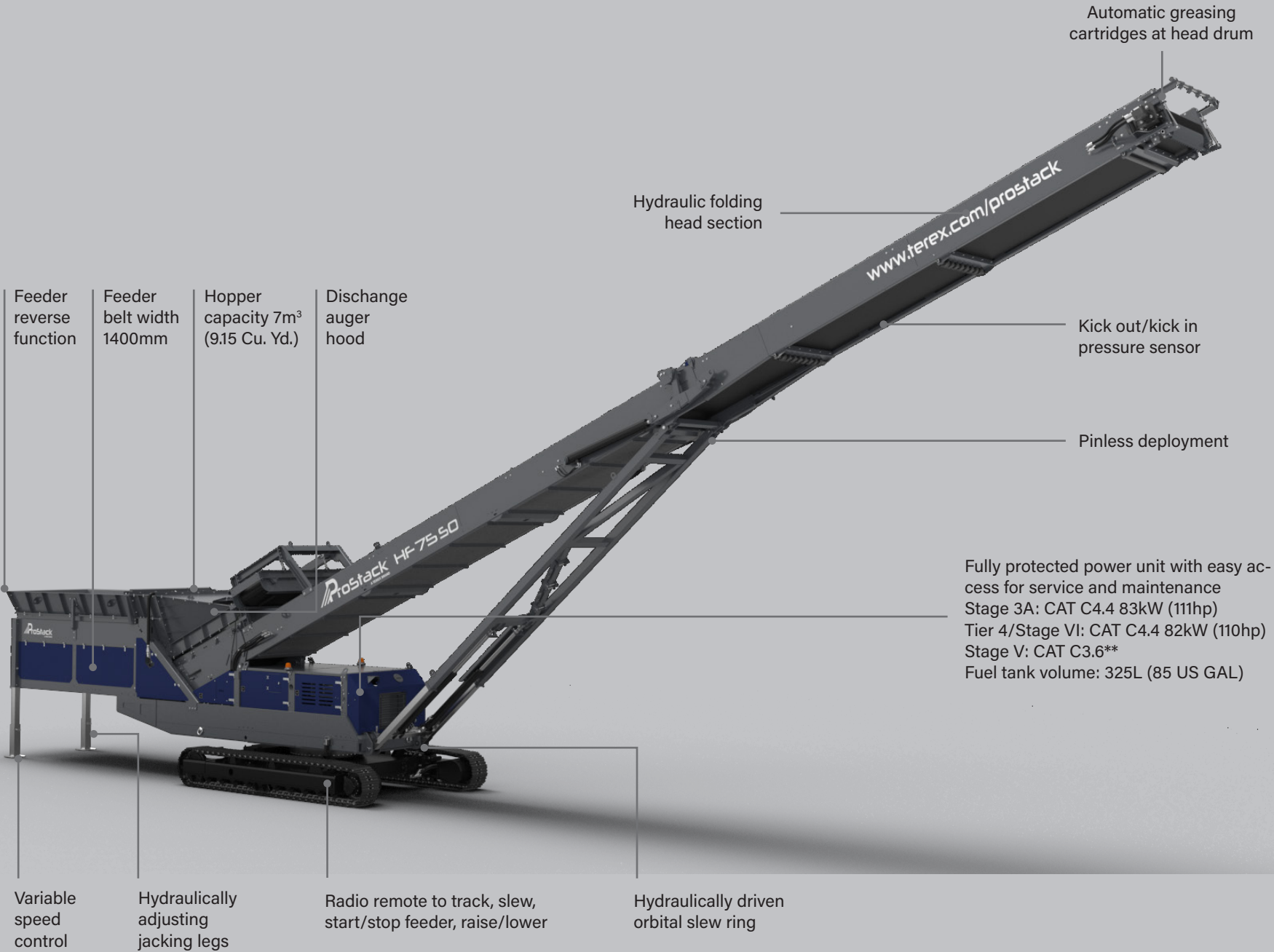
OVERVIEW

Total Weight	29,300kg (64,595bs)
Transport	Length 19.5m (63') Height 3.63m (11' 11") Width 3.2m (10' 6")
Working @ 24°	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:	5° - 24°
Discharge Height @18°:	8.8m (28' 2")
Stockpile Capacity @18° & 37° Angle of Repose:	1047m³ (1369 Cu.Yd)
Discharge Height @24°:	10.7m (34' 6")
Stockpile Capacity @24° & 37° 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:	45.9°
Speed:	0.6km/h
Speed High:	1.1km/h
Speed High:	68Lpm (Per track)

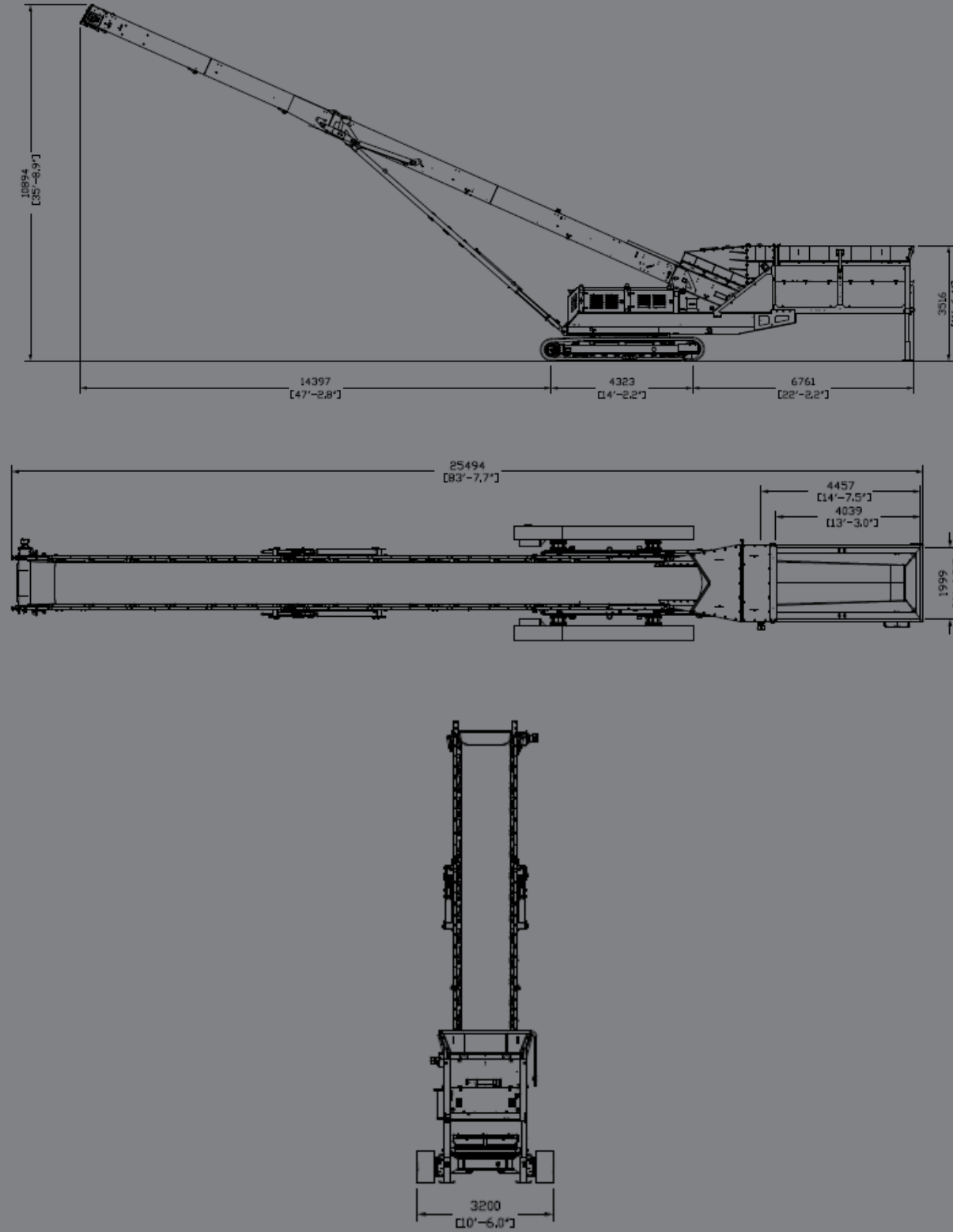
POWER UNIT & HYDRAULICS	
Engine (Tier 3):	CAT C4.4
Power Rating:	62kW (83hp)
RPM:	2300rpm
Crankshaft Pump:	29/29/19
Engine (Tier 4F):	CAT C2.2
Power Rating:	55kW (74hp)
RPM:	2300rpm
Crankshaft Pump:	29/29/19
Diesel Tank Capacity:	145L (38 US GAL)
Hydraulic Tank Capacity:	300L (79 US GAL)

OPTIONS:
Dust hood
Canvas dust covers on discharge conveyor
Canvas dust covers complete with dust hood
Dust hood
Feedboot lined with 6mm AR400 wear plate
Twin drive discharge conveyor
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
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
Grease lines to head drum

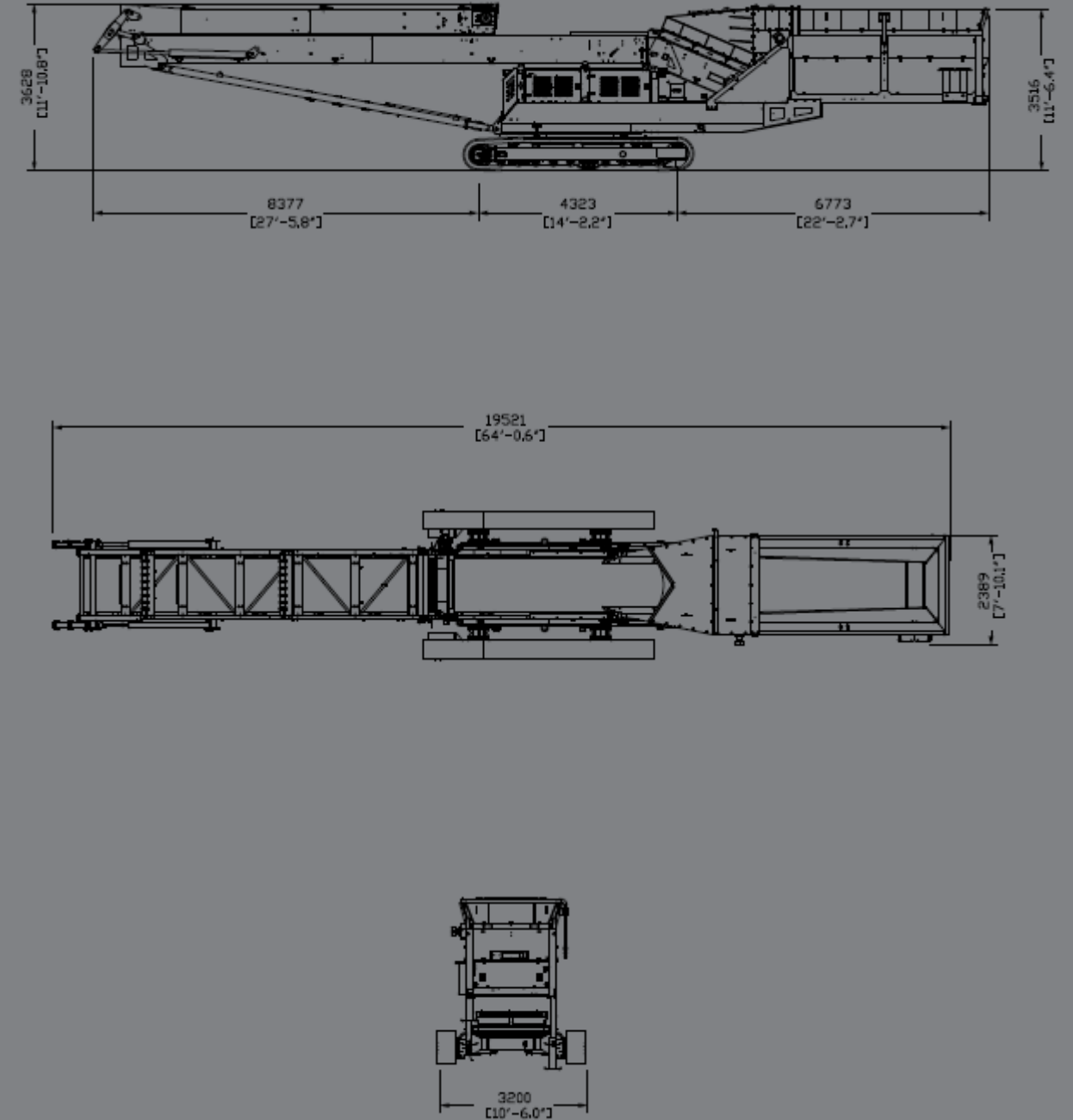


# DIMENSIONS HF 75 SO

## TRANSPORT



## WORKING



## FOR FURTHER INFORMATION PLEASE CONTACT:

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- ✓ Telematics
- ✓ Training

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