



HF 75

High Level Feeder



REDUCED COST



SITE OPERATING
EFFICIENCY



ENVIRONMENTAL
CONSIDERATIONS



IMPROVE HEALTH
& SAFETY



PRODUCT
QUALITY

VARIANTS HF 75



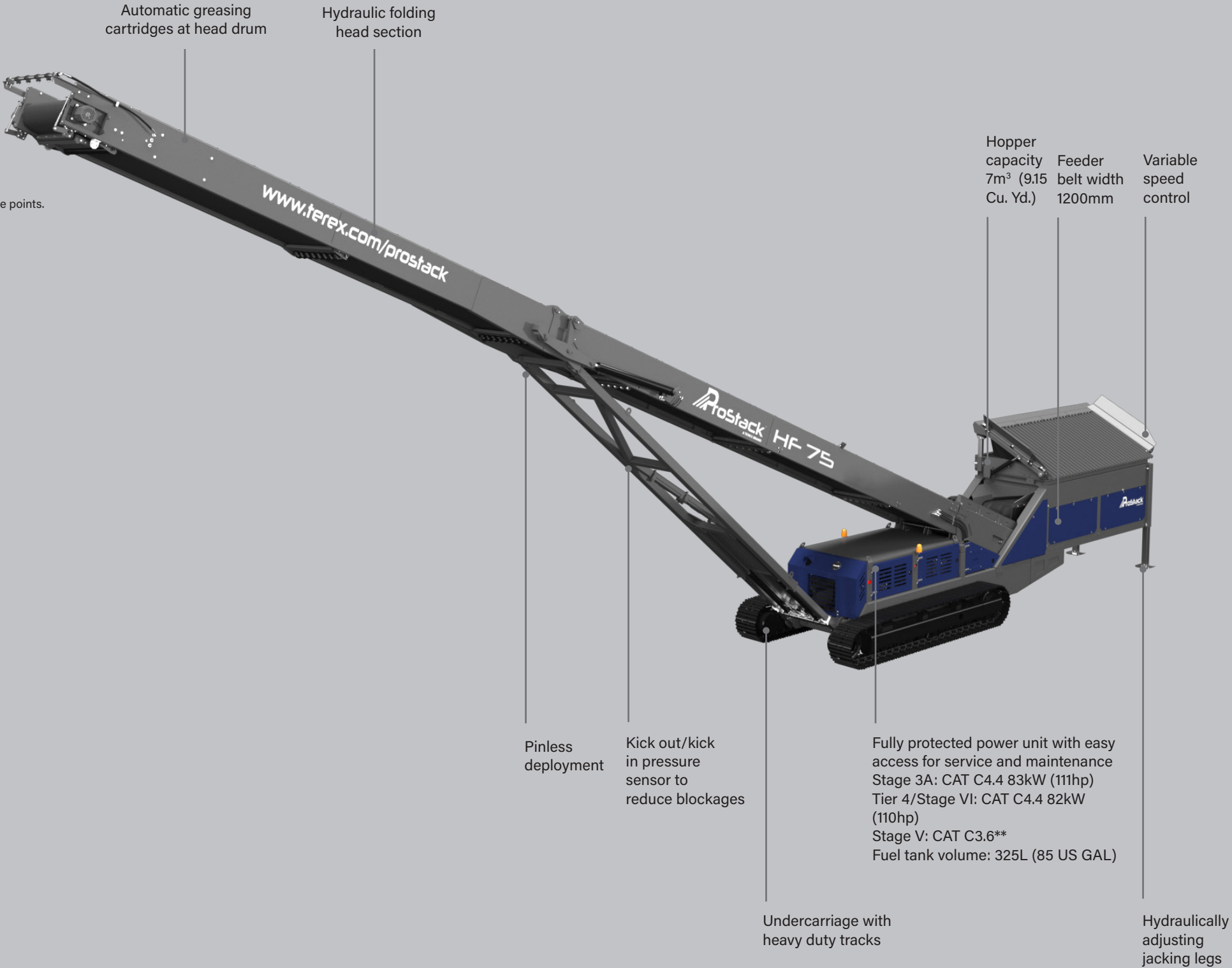
OVERVIEW

Total Weight	24,350kg (53,683bs)		
Transport	Length	19.5m (63')	
	Height	3.12m (10' 2")	
	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").
- 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.



HF 75

HOPPER	
Grip Opening:	4750mm (15' 7") x 2150mm (7' 1")
Target Area (Without Grid):	4100mm (13' 5") x 1633mm (5' 5")
Grid Apertures:	108mm (4")
Optional Grid Apertures:	73mm (3"), 126mm (5"), 151mm (6")
Capacity (Tipping Grid Fitted):	7m3 (9.15 Cu.Yd.)
Capacity (No Tipping Grid Fitted):	6.4m3 (8.4 Cu.Yd.)
Rear Feed In Height Without Tipping Grid:	2.6m (8' 6")
Rear Feed In Height With Tipping Grid:	3.2m (10' 6")

FEED CONVEYOR	
Width:	1200mm (48")
Belt Type:	Plain
Belt Spec:	EP400/3 4+2
Variable Speed:	Yes

TRACKS	
Shoe Width:	400mm (1' 4")
Sprocket Centre:	4300mm (14' 1")
Outer Width:	2750mm (9')

DISCHARGE CONVEYOR	
Width:	1200mm (48")
Belt Centres:	22.5m (73' 10")
Belt Type:	Plain
Belt Spec:	EP400 3 4+2
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:	944m³ (1235 Cu.Yd)
Discharge Height @24°:	9.8m (32' 2")
Stockpile Capacity @24° & 37° Angle of Repose:	1735m³ (2270 Cu.Yd)
Variable Speed:	Yes

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)

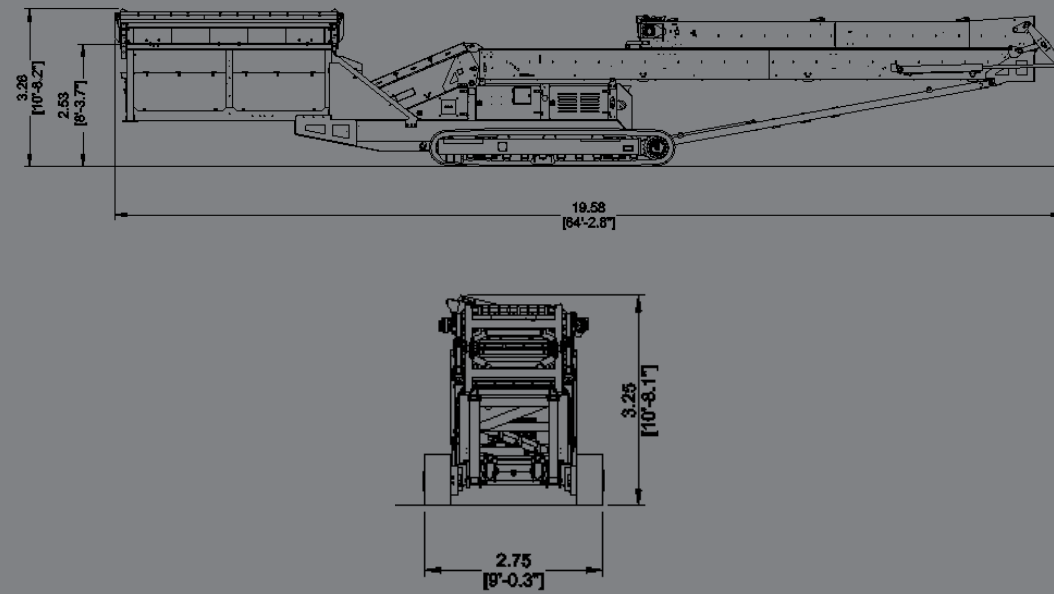
DOUBLE DECK VIBRATING GRID	
Type of Grid:	3.1m x 2.45m (10' 2" x 8') 2 Deck
Target Area:	3.91m x 2.42m (12' 9" x 7' 11")
Grid Opening:	3.03m x 2.17m (9' 11" x 7' 1")
Top Deck Type:	Tapered Bofor Bar
Standard Aperture:	90mm tapering to 110m (4")
Optional Apertures:	110mm - 130mm (5")
Bottom Deck Type:	Woven steel mesh
Standard Aper-	38mm (1.5")
Working Angle:	10° - 20°
Tip Angle:	45°
Rear Feed In Height:	3800mm (12' 5") @ 10°/ 4150mm (13' 7") @ 20°
Weight:	5500kg (12,125lbs)
Speed:	1050rpm
Throw:	4.5mm
G Force:	2.77G
Increase In Transport Height:	+135mm (5.5")

OPTIONS:
Dust hood
Canvas dust covers complete with dust hood on discharge conveyor
Twin drive discharge conveyor (Recommended to also select
Full length skirting rubber along discharge conveyor
High spec head drum scraper on discharge conveyor (plain belt
Anti-roll back flaps
Heavy duty plain discharge 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
Dust suppression (spray bars only)
Belt weigher
Overband magnet on discharge conveyor complete with hydraulic kit and support frames
Radio remote to start / stop feeder, raise / lower discharge conveyor & tipping grid if selected
Pull cord E-Stop running the length of the conveyor
Radio remote control for tracking
Feedboot lined AR400 6mm wear plate
6mm mild steel liners bolted into hopper
6mm AR400 wear plate liners in hopper
Twin drive feed conveyor
4" or 6" tipping grid fitted to feed conveyor
Integrated fall break system bolted into hopper
500mm (20") hopper extensions with fall break system in hopper
700mm (28") hopper extensions with fall break system in hopper
Machine prepped hydraulically to tip a grid including remote
Machine prepped hydraulically for DDVG including remote control (no DDVG supplied)
Discharge conveyor chevron belt EP315 3 ply 3 + 1.5 covers
Grade ISO 68 hydraulic oil (recommended for ambient temperatures between +15 and +50 degrees Celsius)
Grease lines to head drum

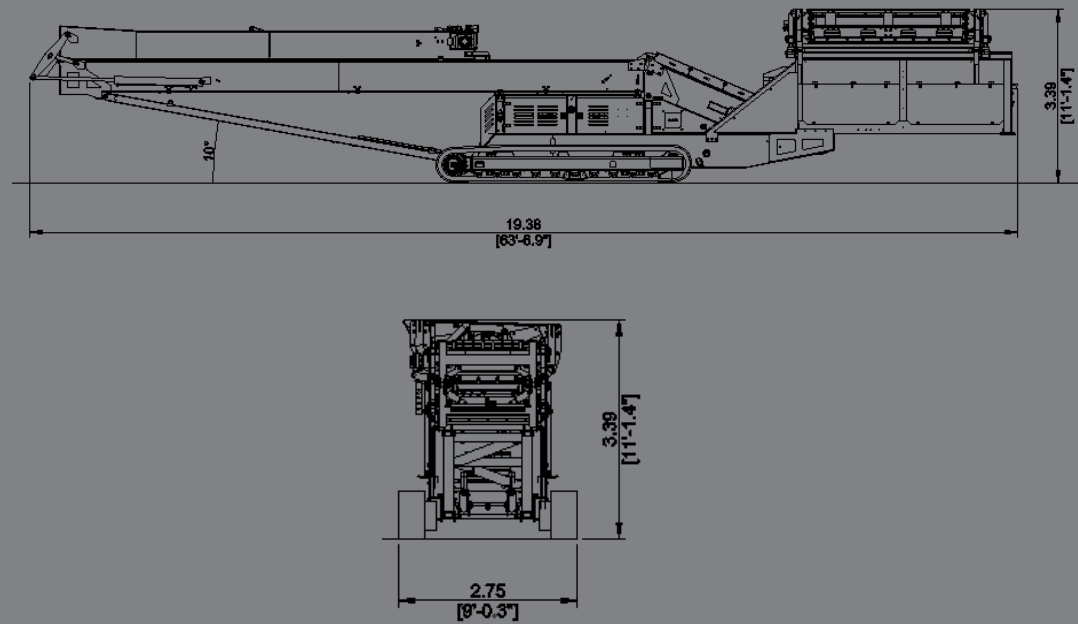
DIMENSIONS HF 75

TRANSPORT

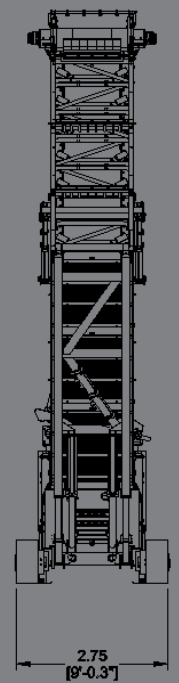
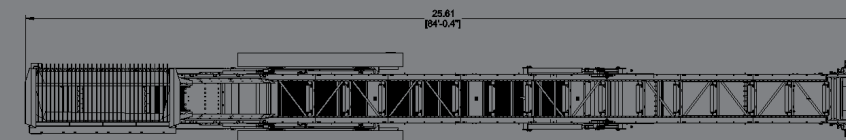
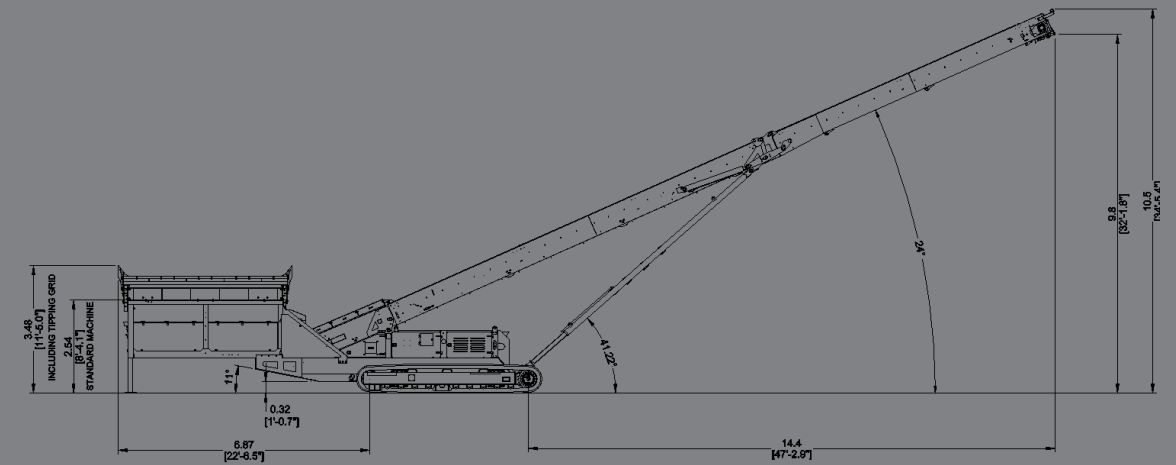
(TIPPING GRID)



(DOUBLE DECK VIBRATING GRID)



WORKING



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