



## LF 50

### Low Level Feeder



REDUCED COST



SITE OPERATING  
EFFICIENCY



ENVIRONMENTAL  
CONSIDERATIONS



IMPROVE HEALTH  
& SAFETY



PRODUCT  
QUALITY



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.

Hydraulic folding  
hopper flares

Tubular feed support  
frame as standard

Variable  
speed  
control

Feeder  
belt width  
1050mm

AR400  
Wear-  
plate  
Hopper  
(no  
liners)

Optional  
adjusta-  
ble feed  
hopper  
outlet  
door

Discharge  
auger  
hood

Hydraulic folding  
head section

Optional spray bar

Automatic greasing  
cartridges at head drum

Pinless  
deployment

Fully protected power unit with easy  
access for service and maintenance  
Tier 3: CAT 4.4 62kW (83hp)  
Stage V: CAT 2.2 55kW (74hp)





# LF 50

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:	7m³ (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°	290m³ (379 Cu.Yd)
Discharge Height @24°:	7.2m (23' 8")
Stockpile Capacity @24° & 37°	583m³ (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)

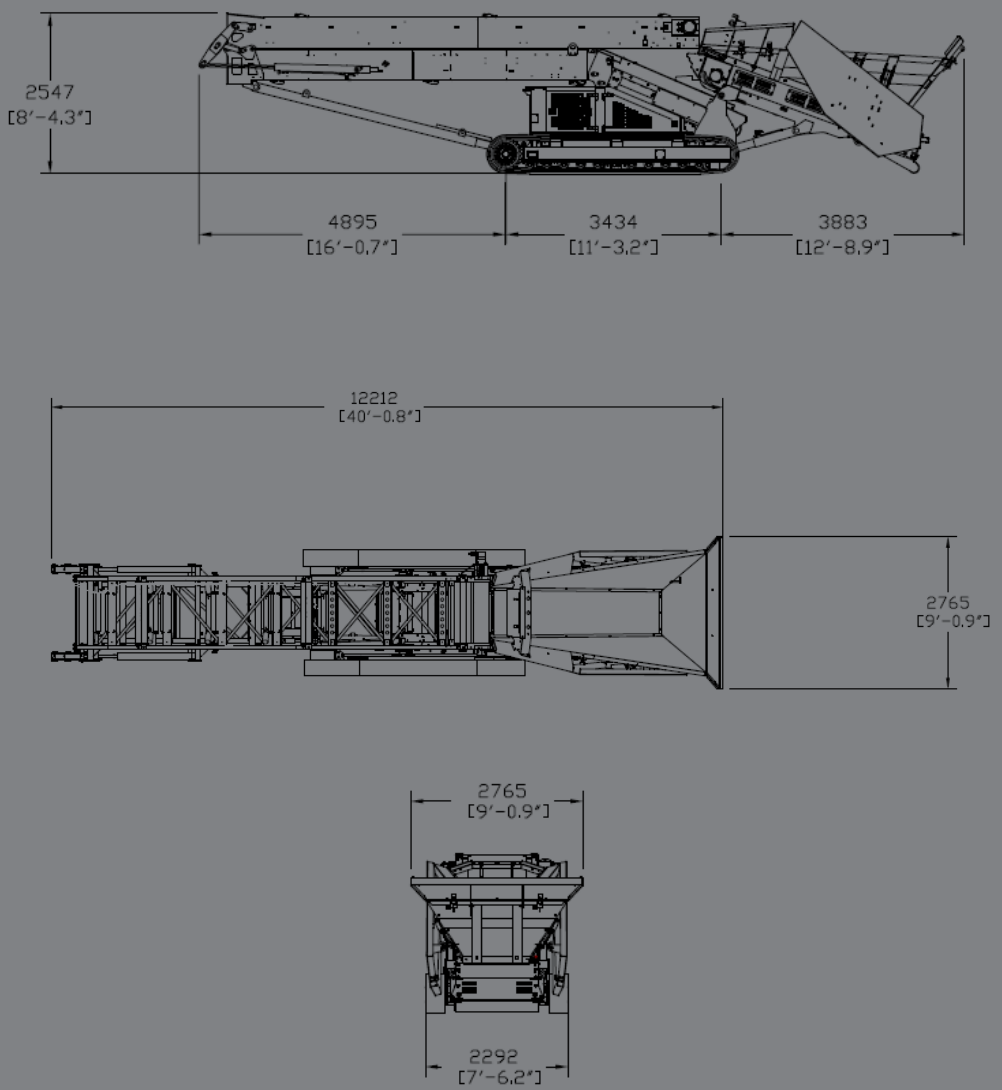


POWER UNIT & HYDRAULICS	
Engine (Tier 3):	CAT C4.4
Power Rating:	62kW (83hp)
RPM:	2300rpm
Crankshaft Pump:	29/29/19
Engine (Stage V):	CAT C2.2
Power Rating:	55kW (74hp)
RPM:	2300rpm
Crankshaft Pump:	29/29/19
Diesel Tank Capacity:	145L (38 US GAL)
Hydraulic Tank Capacity T3:	300L (79 US GAL)

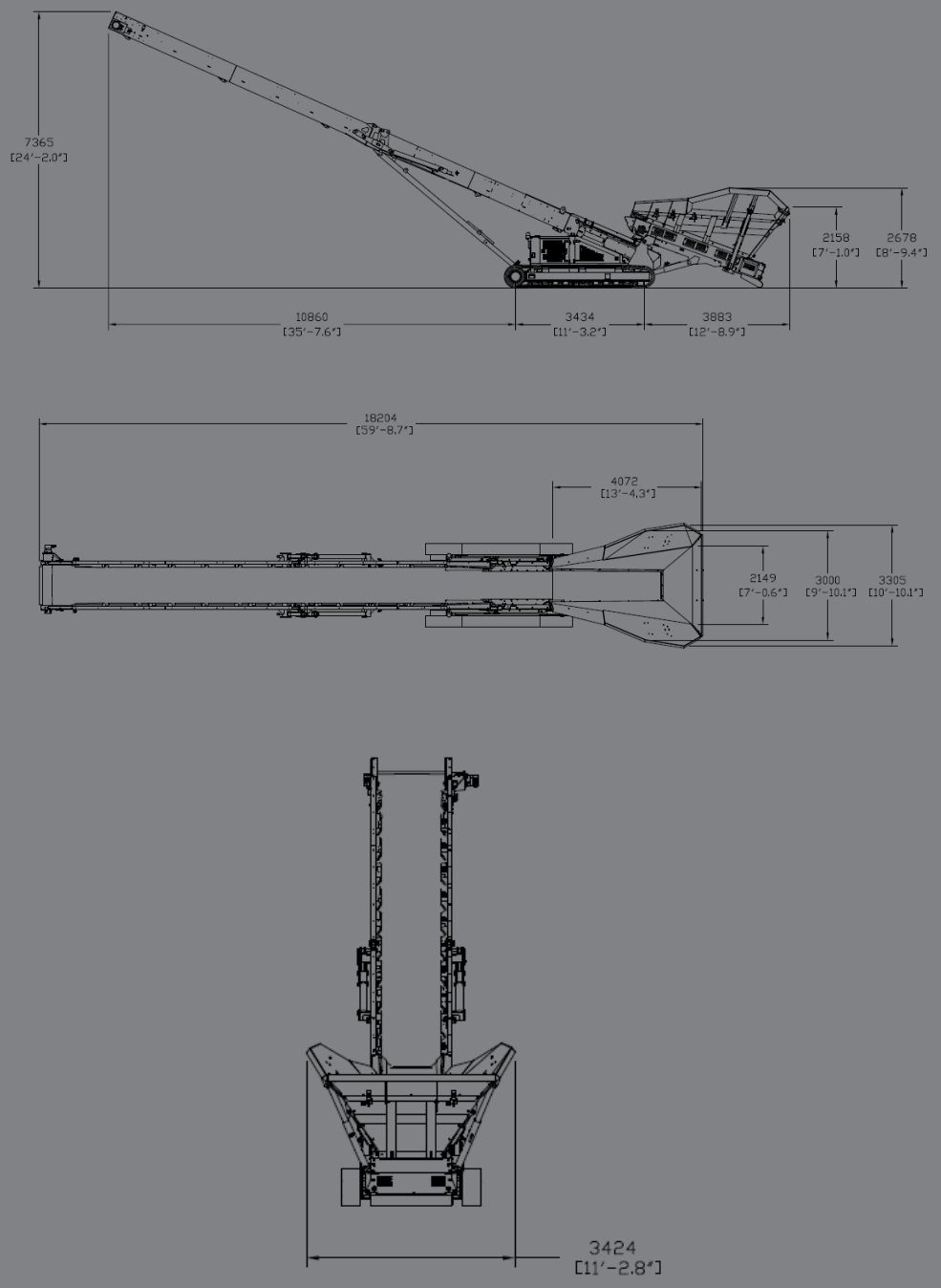
OPTIONS:
Dust hood
Canvas dust covers complete with dust hood on discharge conveyor
Full length skirting rubber on discharge conveyor
High spec head drum scraper on discharge conveyor (plain belt only)
Anti-roll back flaps
Heavy duty plain belt on discharge conveyor EP500 3 Ply x 5 + 2 covers
Discharge 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

DIMENSIONS

TRANSPORT



WORKING



## FOR FURTHER INFORMATION PLEASE CONTACT:

Tel: +44 (0) 288 771 8500

Email: [ProStack@terex.com](mailto:ProStack@terex.com)  
[www.terex.com/prostack](http://www.terex.com/prostack)



## AFTER SALES SUPPORT

We provide comprehensive after sales support, maintenance support, provision of spare parts, and on-call customer help & advice.

- ✓ Parts
- ✓ Warranty
- ✓ Service
- ✓ 24/7 Help Desk
- ✓ Telematics
- ✓ Training

Effective October 2024. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex USA LTD. makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® and ProStack is a registered trademark of Terex Corporation in the USA and many other countries.  
Copyright October 2024 Terex USA Ltd.