



## ENGINE

Model	FPT F4HFE613F*A002
Emissions Certification	Tier 4 Final Certified
Cylinders	6
Displacement	409 in <sup>3</sup> (6.7 L)
Fuel injection	Common rail
Fuel	#2 Diesel
Fuel filter	Spin-on w/ in-line strainer
Air intake	Cross-flow
Cooling	Liquid
Engine speeds	RPM
High idle - no load	2200 +/- 50
Rated - full load	2200
Low idle	1100 +/- 25
Horsepower @ 2000 RPM – SAE J1349:	
Net	127.4 hp (95 kW)
Gross	138 hp (103 kW)
Engine lubrication:	
Pump	Deep sump plate cooler w/ pressurized under-piston nozzles
Pump operating angle ratings:	
Side-to-side	35°
Fore and aft	45°
Oil filtration	Replaceable, spin-on full-flow cartridge
Radiator:	
Fins per inch	10.16
Fan:	
Diameter	26.0 in (660 mm)
Ratio	0.96:1

## DRIVETRAIN

Dual path hydrostatic:	
Pump	Variable axial piston
Motor	Variable bent axis piston
Max. drawbar pull*	48,000 lb (213.5 kN)
Transmission	Single lever control – electronic straight tracking
Transmission oil filter	4 micron, spin-on replaceable w/ 100 mesh suction screen
Travel speeds*:	
Forward	5.8 mph (9.3 kph)
Reverse	5.8 mph (9.3 kph)
Parking brakes	Heavy-duty, spring-applied, hydraulic pressure release
Steering brakes	Hydrostatic
Final drive	2 helical gear reduction to planetary output
Ratio	61.4:1
Transmission cooling:	
Type	Oil to air
Core size	498 in <sup>2</sup> (0.32 m <sup>2</sup> )

NOTE: \*Measured using standard track chain. Increase travel speeds by 4% and reduce drawbar pull by 4% with the optional Max Life track chain.

## ELECTRICAL

Alternator	120 amp
Battery	(2) 12-volt, low-maintenance 925 cold-cranking amps @ -4° F (-20° C)
Electrical System	24 Volts

## OPERATOR ENVIRONMENT

ROPS cab; Single lever control for speed, steering and direction; Cloth air suspension seat w/ back adjustment; Retractable 3 in (76 mm) seat belt; Adjustable armrest; Two foot rest; Rearview mirror; Two door windshield wipers; Dome light; 12-volt accessory outlet; Headliner; Floor mat; Rear Wiper; Bluetooth Radio; Heat/AC.

Warning lights:  
Air filter; Alternator; Diagnostic fault indicator; Engine coolant temperature; Engine oil pressure; Hydraulic filter; Low fuel level; DEF fluid level; Park brake engaged; Service soon indicator; Transmission filter; Transmission charge pressure.

Gauges:  
Battery voltage; Fuel level; Digital hour meter/ tachometer/diagnostic/service reminder; Transmission oil temperature; Transmission speed indicator; Water temperature; Diesel Exhaust Fluid (DEF) level.

Audible warnings:  
Engine coolant temperature; Engine oil pressure; Low fuel level; Transmission charge pressure; Temperature/hydraulic temperature.

## OPERATING WEIGHT

Unit includes cab, full fuel & hydraulic tanks, 77kg (170 lb) operator, 22" Salt HD Chain, 120" blade width, drawbar w/ step, & all other standard equip.

XLT	31,592 lb (14 330 kg)
WT/LGP	31,618 lb (14 342 kg)
Add-on weights:	
Drawbar	Incl. 223 lb (101 kg)
Ripper 3 Shank	2,377 lb (1 078 kg)
Sweeps	139 lb (63 kg)
Winch	2,448 lb (1 110 kg)
Front Counterweight	948 lb (430 kg)
Full rock guards	620 lb (281 kg)
Radiator Brush Screen	21 lb (9.5 kg)
Rear Screen	71 lb (32 kg)
Cab Air Quality	88 lb (40 kg)
Universal	99 lb (45 kg)
Leica CoPilot	151 lb (68 kg)
Leica 2D	225 lb (102 kg)
Leica 3D	205 lb (93 kg)

Blades	
120 in Blade	Incl. 2119 lb (961 kg)
132 in Blade	163 lb (74 kg)

Tracks	
SALT Chain 22 in	Incl. 4,847 lb (2199 kg)
SALT Chain 26 in	490 lb (222 kg)
SALT Chain 30 in	983 lb (446 kg)
Max-Life Closed Chain 22 in	130 lb (59 kg)
Max-Life Closed Chain 26 in	601 lb (272 kg)
Max-Life Closed Chain 30 in	1,092 lb (495 kg)

## HYDRAULICS

Pump flow @ 2200 RPM @ 2,830 psi (19 512 kPa)	34.9 gpm (132 L/min)
Lift cylinder	Two (2)
Bore diameter	4.25 in (108.0 mm)
Rod diameter	2.00 in (50.8 mm)
Stroke	19.21 in (488.0 mm)
Angle cylinder	Two (2)
Bore diameter	4.50 in (114.3 mm)
Rod diameter	2.50 in (63.5 mm)
Stroke	18.33 in (465.7 mm)
Tilt cylinder	One (1)
Bore diameter	5.00 in (127.0 mm)
Rod diameter	2.50 in (63.5 mm)
Stroke	5.84 in (148.3 mm)

## SERVICE CAPACITIES

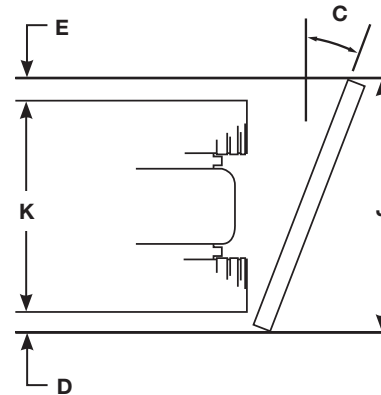
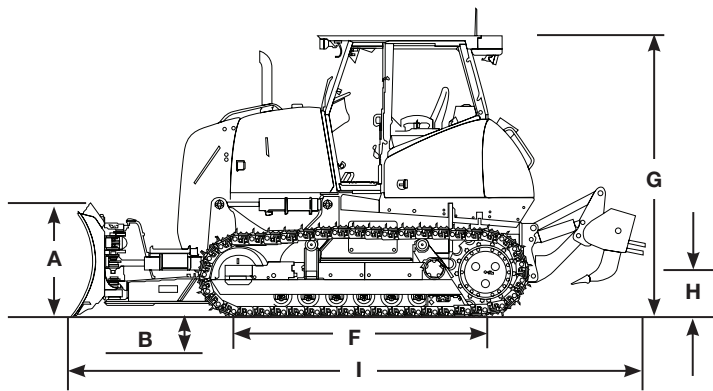
Fuel tank	85.0 gal (322.0 L)
Engine oil w/ filter	17.3 qt (16.4 L)
Engine oil w/o filter	16.5 qt (15.6 L)
Engine cooling system	7.4 gal (28 L)
Hydraulic reservoir	51.0 gal (193 L)
Final drive – per side	16.5 qt (15.9 L)
Track rollers – each	0.26 qt (0.25 L)
Front idlers – each	0.35 qt (0.33 L)
Carrier rollers – each	0.26 qt (0.25 L)
DEF tank	14.0 gal (52.0 L)

## OTHER SPECIFICATIONS

Undercarriage:	
Track adjustment	Hydraulic
Frame	Pivot shaft and oscillating equalizer beam suspension
Length of track on the ground:	
SALT HD	102.4 in (2 600 mm)
MAX LIFE	101.0 in (2 566 mm)
Track link pitch	6.9 in (175 mm)
Track shoe height	2.17 in (55 mm)
Pin diameter	1.44 in (36.58 mm)
Bushing diameter:	
SALT HD	2.45 in (62.6 mm)
MAX LIFE	3.11 in (79 mm)
Track shoes per side	43
Track rollers per side	7
Carrier rollers per side	2
Track roller rail diameter	7.99 in (203 mm)

Track on ground:	
Shoe area:	
22 in (559 mm)	4,506 in <sup>2</sup> (29 070 cm <sup>2</sup> )
26 in (660 mm)	5,320 in <sup>2</sup> (34 323 cm <sup>2</sup> )
30 in (762 mm)	6,142 in <sup>2</sup> (39 627 cm <sup>2</sup> )
Track:	
Long track:	
22 in (559 mm) closed grousers and SALT HD	
22 in (559 mm) closed grousers and MAX LIFE	
Wide track:	
22 in (559 mm) closed grousers and SALT HD	
22 in (559 mm) closed grousers and MAX LIFE	
26 in (660 mm) closed grousers and SALT HD	
26 in (660 mm) closed grousers and MAX LIFE	

Low ground pressure:	
30 in (762 mm) closed grousers and SALT HD	
30 in (762 mm) closed grousers and MAX LIFE	
Blade:	
Variable blade pitch	55° – 60°
Lift speed – per second	17 in (503 mm)
Cutting edge	Reversible, replaceable
Width	8.0 in (203.2 mm)
Thickness	0.8 in (19.1 mm)
Ripper:	
Max. penetration	20 in (499 mm)
Width	67.4 in (1 711 mm)
Cut width	64.4 in (1 635 mm)
Max. ground clearance	13 in (330 mm)
Max. number of shanks	3
Tooth spacing:	
w/ 3 teeth	30.9 in (785 mm)
Hydraulic cylinder	
Diameter	4.0 in (102 mm)
Stroke	10.0 in (254 mm)
Rod	2.0 in (51 mm)



Line drawings are for illustrative purpose only and may not be exact representation of unit.

## DIMENSIONS

	Long Track (LT)	Wide Track (WT)	Low Ground Pressure (LGP)
Blade width	120 in (3 048 mm)	132 in (3 353 mm)	132 in (3 353 mm)
SAE blade capacity	3.77 yd <sup>3</sup> (2.88 m <sup>3</sup> )	4.16 yd <sup>3</sup> (3.18 m <sup>3</sup> )	4.16 yd <sup>3</sup> (3.18 m <sup>3</sup> )
Blade height	44.1 in (1 119 mm)	44.1 in (1 119 mm)	44.1 in (1 119 mm)
<b>A.</b> Blade lift above ground	36.4 in (926 mm)	36.4 in (926 mm)	36.4 in (926 mm)
<b>B.</b> Blade depth below ground	20.4 in (518 mm)	20.4 in (518 mm)	20.4 in (518 mm)
<b>C.</b> Blade angle both directions	25°	25°	25°
<b>D.</b> Cast reach	16 in (406 mm)	14.5 in (368 mm)	12.5 in (317 mm)
<b>E.</b> Cut reach	0.8 in (20 mm)	-0.8 mm (-20 mm)	-2.8 in (-71 mm)
Blade tilt, each end – up to 8.3°	16.9 in (430 mm)	17.7 in (450 mm)	17.7 in (450 mm)
Track gauge	72 in (1.83 m)	80 in (2.03 m)	80 in (2.03 m)
Maximum shoe width	22 in (559 mm)	26 in (660 mm)	30 in (762 mm)
<b>F.</b> Length of track on ground	102.4 in (2 600 mm)	102.4 in (2 600 mm)	102.4 in (2 600 mm)
Area of track on ground	4,506 in <sup>2</sup> (2.90 m <sup>2</sup> )	5,320 in <sup>2</sup> (3.43 m <sup>2</sup> )	6,142 in <sup>2</sup> (3.96 m <sup>2</sup> )
Ground pressure	6.93 psi (0.48 bar)	6.05 psi (0.42 bar)	5.31 psi (0.37 bar)
<b>G.</b> Height to top of ROPS	9 ft 8 in (2 956 mm)	9 ft 8 in (2 956 mm)	9 ft 8 in (2 956 mm)
Height to top of cab	9 ft 8 in (2 956 mm)	9 ft 8 in (2 956 mm)	9 ft 8 in (2 956 mm)
<b>H.</b> Ground clearance	12.7 in (322 mm)	12.7 in (322 mm)	12.7 in (322 mm)
Length:			
Blade straight with drawbar	16 ft 8 in (5 088 mm)	16 ft 8 in (5 088 mm)	16 ft 8 in (5 088 mm)
<b>I.</b> Blade straight with ripper	20 ft 4 in (6 191 mm)	20 ft 4 in (6 191 mm)	20 ft 4 in (6 191 mm)
Width:			
Blade straight	10 ft 0 in (3 048 mm)	11 ft 0 in (3 353 mm)	11 ft 0 in (3 353 mm)
<b>J.</b> Blade angled	9 ft 1 in (2 773 mm)	9 ft 11 in (3 041 mm)	9 ft 11 in (3 041 mm)
<b>K.</b> Over track	7 ft 9 in (2 388 mm)	8 ft 9 in (2 692 mm)	9 ft 2 in (2 794 mm)

NOTE: Ground clearance and overall height dimensions are with the grousers fully penetrated. Add 2.07 in (55.5 mm) if unit is on solid surface.

## STANDARD EQUIPMENT

### OPERATOR ENVIRONMENT

See page 1

### ENGINE

F4HFE613F\*A002  
Tier 4 Final Certified  
SCR  
Automatic fan belt tensioner  
Integral engine oil cooling  
Fuel filter  
Dual element radial seal air cleaner  
120 amp alternator  
(2) 950 CCA 12-volt batteries  
Anti-sandblast radiator  
Coolant Heated DEF Lines  
Pusher Fan  
Hinged engine side panels

### DRIVETRAIN

Dual path infinitely variable, single-lever controlled hydrostatic drive, with electronic straight tracking and counter-rotation  
Final drive:  
Triple reduction; helical gear/planetary decelerator with hydrostatic drive retardation  
Spring-applied hydraulic release parking brake

## OPTIONAL EQUIPMENT

### OPERATOR ENVIRONMENT

Cab air quality system

### HYDRAULICS

Hydraulic Pump w/PTO

### REAR MOUNTED EQUIPMENT

Ripper – 5 position with 3 shanks  
Rear Aux. Hydraulic Ready (Ready for ripper or winch field installation including implement joystick)

### BLADE

55° – 60° variable pitch, with integral adjustment tool  
Single lever control for blade lift, angle and tilt

### UNDERCARRIAGE

Hydraulic track adjusters  
Sealed and Lubricated Track Chain (SALT)  
Permanently lubricated track and carrier rollers  
Track adjuster guard  
Track guides – front and rear  
Robust smooth one piece track frames with easy clean-out  
Enhanced track recoil system  
Central grease point for pivot shaft and equalizer beam  
Low noise system configuration  
Low vibration system configuration

### OTHER

Backup alarm  
Horn  
Premium LED work light package  
4 total in front  
2 total in rear  
Master disconnect switch  
Mirror  
Turbine Pre-cleaner  
Front pull hook  
Rear drawbar with step  
Environmental Drain  
Grid Heater/Cold Start  
Transport Protection  
Anti-vandalism package  
Rear transmission guard  
Hinged Grill  
Operator's manual enclosure  
4-spool hydraulic valve for ripper

### TELEMATICS

CASE SiteWatch™ 4G Telematics – includes hardware and a 5-yr Advanced data subscription

### PROCARE

CASE ProCare – Full Machine Protection  
Factory Warranty (3-yr/3000-hr), Planned Maintenance (3-yr/2000-hr) and SiteWatch 4G telematics

### BLADES

120 in (3 050 mm)  
132 in (3 355 mm)

### GUARDS

Sweeps

### SCREENS

Cab rear screen  
Radiator brush screen  
Sandblast Screen

### OTHER

CASE Extended Life Track  
Front counterweight with pull hook  
Severe Cold Weather Package

### PRECISION

Factory Fit CoPilot  
Factory Fit 2D Laser  
Factory Fit 3D GNSS  
Universal Blade Guidance:  
Compatible with Leica, Trimble and Topcon

CaseCE.com

©2025 CNH Industrial America LLC. All rights reserved. CASE is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Capital is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Printed in U.S.A. Contains 10% post-consumer fiber.

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE2024121150M  
Replaces Form No. CCE2021021150M

1150M

3 of 3