





DII	DIMENSIONS					
Ov	Overall operating height					
Α	with foundry/excavating bucket short	in (mm)	154.3 (3920)			
Α	with low profile/standard bucket	in (mm)	158.3 (4050)			
Α	with low profile extended/long bucket	in (mm)	163.2 (4146)			
He	Height to					
В	Bucket hinge pin	in (mm)	123 (3124)			
С	Top of ROPS	in (mm)	78.7 (1998)			
D	Bottom of level bucket, fully raised	in (mm)	116.1 (2950)			
Ov	Overall Length					
Е	without attachment with coupler	in (mm)	105.1 (2669)			
F	with foundry excavation bucket on ground	in (mm)	129.6 (3292)			
F	with low profile bucket	in (mm)	133.7 (3397)			
F	with low profile extended bucket	in (mm)	138.8 (3525)			
Du	Dump					
G	Dump angle	degrees	40			
н	Dump height					
	with foundry/excavating bucket short in (mm	in (mm)	98.2 (2495)			
	with low profile/standard bucket	in (mm)	95.6 (2428)			
J	Dump reach (max height)	in (mm)	20.3 (517)			

Maximum attachment rollback			
К	Bucket on ground	degrees	31
L	Bucket at full height	degrees	99
Tra	ck and clearance		
М	Wheelbase	in (mm)	44.4 (1128)
Ρ	Ground clearance (bottom of belly pan)	in (mm)	8 (203)
Q	Angle of departure	in (mm)	25
Cle	arance circle		
R	Without bucket	in (mm)	50.7 (1289)
S	With foundry bucket in carry position	in (mm)	79.9 (2031)
S	With low profile bucket on ground	in (mm)	83.1 (2112)
S	With extended low profile bucket on ground	in (mm)	87.7 (2228)
Т	Clearance circle rear	in (mm)	62.9 (1599)
۷	Tread width	in (mm)	56.9(1448)
W	Overall width	in (mm)	69.1 (1755)
EN	GINE		
Man	ufacturer/model		FPT/F5H FL463
Туре	2		Diesel 4-stroke, Turbo, D.I.
Bore	e/stroke in (mm)		3.9x4.3 (99x110)
Disp	placement in ³ (L)		207 (3.4)
Fuel injection			HPCR Direct
Fuel			#2 diesel
Fuel filter			Pre-spin on 30 microns Main-spin on 4 microns
Air intake			Turbocharged with external EGR
Cooling			Liquid
Engine Speeds			
High idle - no load rpm		rpm	2500 +/-25
Rated - full load rpm		rpm	2500
Low idle rpm		rpm	1150 +/-25

Net hp (kW)68 (51) @ 2500 rpnPeak torquelb-ft (N*m)232 (314) @ 1400 rpmPOWER TRAINDrive pump electro hydraulicPump to engine ratio1:1Displacementin³ (L)2.81 (46)Flowgpm (lpm)29.4 (111)Charge pressurepsi (bar)360 +/-10 (24.5 +/-0.5)System reliefpsi (bar)5220 (360)ControlDirect mechanical c electro hydraulicDrive MotorsEffective Displacementin³ (cc)Effective Displacement opt high speedin³ (cc)-Speed @ high idle enginerpm355Torque @ max displ. and relief pressurelb-ft (N*m)1987 (2694)Travel Speedmph (km/h)7.8 (12.5)High rangemph (km/h)11.4 (18.3)Final drivemph (km/h)Single-reduction chain driveParking BrakeTypeSpring applied, hydraulic release multiple diskEngagementDepress on/off brake button on instrumentDepress on/off brake button on instrument	Horsepower per SAE JI 349		
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System - Idlers / rollers per side - Ground Pressure -	Engagement		button on instrument panel, disconnect lapbelt, get off seat, o
Idlers / rollers per side - Ground Pressure -	UNDERCARRIAGE		
Ground Pressure	System		-
	Idlers / rollers per side		-
PSI (with spec belt) -	Ground Pressure		1
	PSI (with spec belt)		-

HYDRAULIC SYSTEM		
Pumps		
Туре		Gear
Displacement standard aux.	in ³ (cc)	2.23 (36.6)
Displacement high flow aux.	in ³ (cc)	0.84 (13.8)
Standard pump flow	gpm (Lpm)	24.2 (91.5)
Optional high flow	gpm (Lpm)	33.2 (125.7)
Enhanced high flow	gpm (Lpm)	-
Loader control valve		· ·
Туре		3 Spool / open center / series
Standard relief pressure	psi (bar)	3046 (210)
Enhanced high flow relief pressure	psi (bar)	-
Hydraulic filter		4 microns / spin on
CYLINDERS		
Lift Cylinder		
Bore diameter	in (mm)	2.5 (63.5)
Rod diameter	in (mm)	1.75 (44.45)
Stroke in	in (mm)	31.69 (804.9)
Closed length	in (mm)	45.59 (1158)
Bucket Cylinders		
Bore diameter	in (mm)	2.75 (69.9)
Rod Diameter	in (mm)	1.38 (34.9)
Stroke in	in (mm)	16.14 (410)
Closed length	in (mm)	24.02 (610)
Rated Operating Load		
50% tip	lbs. (kg)	2100 (953)
35% tip	lbs. (kg)	-
Tipping load	lbs. (kg)	4200 (1905)
Breakout Forces		
Lift cylinder	lbs. (kN)	4570 (20.3)
Bucket cylinder	lbs. (kN)	7270 (32.3)

Cycle Times		
Raise	sec	3.6
Lower	sec	1.8
Dump	sec	2.2
Roll back	sec	1.7
Loader control valve		
Туре		-
Standard relief pressure	psi (bar)	-
Enhanced high flow relief pressure	psi (bar)	-
Hydraulic filter		-
WEIGHTS		
Operating weight	lbs (kg)	6970 (3160)
Shipping weight	lbs (kg)	6670 (3025)
SERVICE CAPACITIES		
Fuel tank, gal (L)		19.5 (73.8)
Engine oil with filter, qt (L)		10 (9.4)
System Capacity with filter, qt (L)	34 (32.2)	
DEF tank, gal (L)	-	