



C332

C337

C345

C362

**DIMENSIONS**

		C332	C337	C345	C362	
<b>Overall operating height</b>						
<b>A.</b>	with foundry/excavating bucket short lip	in (mm)	160.2 (4068)	160.2 (4068)	161.4 (4100)	NA
<b>A.</b>	with low profile/standard lip bucket	in (mm)	164.4 (4176)	164.4 (4176)	165.6 (4207)	176.5 (4483)
<b>A.</b>	with low profile extended/long lip bucket	in (mm)	169.2 (4298)	169.2 (4298)	170.4 (4329)	189.6 (4816)
<b>Height to</b>						
<b>B.</b>	Bucket hinge pin	in (mm)	131.1 (3330)	131.1 (3330)	131.6 (3342)	140.2 (3562)
<b>C.</b>	Top of ROPS	in (mm)	80.4 (2043)	80.4 (2043)	80.4 (2043)	84.6 (2150)
<b>D.</b>	Bottom of level bucket, fully raised	in (mm)	123.0 (3125)	123.0 (3125)	123.2 (3129)	133.3 (3386)
<b>Overall length</b>						
<b>E.</b>	without attachment with coupler	in (mm)	117.3 (2979)	117.0 (2972)	120.2 (3054)	129.5 (3290)
<b>F.</b>	with foundry excavation bucket on ground	in (mm)	141.7 (3598)	141.1 (3592)	144.6 (3673)	NA
<b>F.</b>	with low profile bucket	in (mm)	147 (3734)	146.7(3727)	148.8 (3781)	159.1 (4041)
<b>F.</b>	with low profile extended bucket	in (mm)	150.8 (3830)	150.5 (3823)	153.7 (3904)	172.7 (4386)
<b>Dump</b>						
<b>G.</b>	Dump angle	degrees	55	55	45.3	46.1
<b>H.</b>	Dump height					
	with foundry/excavating bucket short lip	in (mm)	104.5 (2655) @ 45°	104.5 (2655) @ 45°	104.1 (2645) @ 45°	109 (2768)
	with low profile/standard lip bucket	in (mm)	101.6 (2581) @ 45°	101.6 (2581) @ 45°	101.1 (2568) @ 45°	99.2 (2519)
<b>J.</b>	Dump reach (max height)	in (mm)	37 (941) @ 45°	37 (941) @ 45°	31.6 (802) @ 45°	39 (990)
<b>Maximum attachment rollback</b>						
<b>K.</b>	Bucket on ground	degrees	33	33	32	30
<b>L.</b>	Bucket at full height	degrees	85	85	83.1	84
<b>Track and clearance</b>						
<b>M.</b>	Track on ground	in (mm)	64.5 (1639)	64.5 (1639)	64.5 (1639)	66 (1677)
<b>P.</b>	Ground clearance (bottom of belly pan)	in (mm)	9.6 (244)	9.6 (244)	9.6 (244)	12.6 (321)
<b>Q.</b>	Angle of departure	degrees	32	32	32	38
<b>Clearance circle</b>						
<b>R.</b>	without bucket	in (mm)	56.2 (1482)	56.2 (1482)	57.7 (1465)	67.4 (1712)
<b>S.</b>	with foundry bucket in carry position	in (mm)	86.6 (2200)	86.6 (2200)	88 (2234)	NA
	with 78" bucket		with 78" bucket	with 78" bucket	with 78" bucket	
<b>S.</b>	with low profile bucket on ground	in (mm)	90.4 (2297)	90.4 (2297)	91.8 (2331)	NA
	with 78" bucket		with 78" bucket	with 78" bucket	with 78" bucket	
<b>S.</b>	with extended low profile on ground	in (mm)	94.8 (2409)	94.8 (2409)	96.2 (2444)	NA
	with 78" bucket		with 78" bucket	with 78" bucket	with 78" bucket	
<b>T.</b>	Clearance circle rear	in (mm)	67 (1702)	67 (1702)	67.9 (1725)	114 (2913)
<b>V.</b>	Track gauge	in (mm)	58.6 (1488)	58.6 (1488)	58.6 (1488)	NA
<b>W.</b>	Overall width	in (mm)	76.5 (1943)	76.5 (1943)	76.5 (1943)	78.3 (1988)

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<b>ENGINE</b>					
Manufacturer/model		FPT / F5H FL463A*G001	FPT / F5BFL463A*G001	FPT / F5BFL413E*B002*	FPT / F5BFL413D*C005
Type		Diesel 4-stroke, turbo, D.I.	Diesel 4-stroke, turbo, D.I.	Diesel 4-stroke, turbo, D.I.	Diesel, 4-stroke, turbo, D.I.
Cylinder		4	4	4	4
Bore/stroke	in (mm)	3.9 x 4.3 [99 x 110]	3.9 x 4.3 [99 x 110]	3.9 x 4.3 [99 x 110]	3.9 x 4.3 [99 x 110]
Displacement	in <sup>3</sup> (L)	207 [3.4]	207.5 [3.4]	207 [3.4]	207 [3.4]
Fuel injection		HPCR Direct	HPCR Direct	HPCR Direct	HPCR Direct
Fuel		#2 diesel	#2 diesel	#2 diesel	#2 diesel
Fuel filter		Pre-spin on 30 microns Main-spin on 4 microns	Pre-filter 99.8% @ 30 microns, Main filter 95% @ 4 microns	Pre-filter 99.8% @ 30 microns, Main filter 95% @ 4 microns	Pre-filter Spin on, Beta <sub>(30)</sub> = 200, Main filter Spin on, Beta <sub>(4)</sub> > 50, Beta <sub>(4)</sub> > 200
Air intake		Turbocharged Aftercooled with external EGR	Turbocharged Aftercooled with external EGR	Turbocharged Aftercooled with external EGR and SCR	Turbocharged Aftercooled with external EGR and SCR
Cooling		Liquid	Liquid	Liquid	Liquid
<b>Engine speeds</b>					
High idle - no load	rpm	2500 +/- 25	2500 +/- 25	2500 +/- 25	2500 +/- 25
Rated - full load	rpm	2500	2500	2500	2500
Low idle	rpm	1150 +/- 25	1150 +/- 25	1150 +/- 25	1150 +/- 50
<b>Horsepower per SAE J1349</b>					
	Gross hp (kW)	74 (55) @ 2500 rpm	74 (55) @ 2500 rpm	90 (67) @ 2500 rpm	114 (85) @ 2500
	Net hp (kW)	68 (51) @ 2500 rpm	68 (51) @ 2500 rpm	84 (63) @ 2500 rpm	114 (85) @ 2500
Peak torque	lb-ft (N•m)	232 (314) @ 1400 rpm	232 (314) @ 1400 rpm	282 (383) @ 1400 rpm	339 (460) @ 1400

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<b>POWER TRAIN</b>					
<b>Drive pump electro hydraulic</b>					
Pump to engine ratio		1:1	1:1	1:1	1:1
Displacement	in <sup>3</sup> (cc)	2.75 [45]	2.75 [45]	2.75 [45]	49.1 [3]
Flow	gpm (Lpm)	24.2 [91.5]	28.8 [109]	29.4 [111]	40 [10.5]
Charge pressure	psi (bar)	362 [24.5]	362 [24.5]	360 [24.5]	377 [26]
System relief	psi (bar)	5220 [360]	5220 [360]	5220 [360]	5802 [400]
Control		Mechanical or Electro hydraulic	Mechanical or Electro hydraulic	Mechanical or Electro hydraulic	Electro hydraulic
<b>Drive motors</b>					
Effective Max displacement	in <sup>3</sup> (cc)	3.10 [50.9]	3.10 [50.9]	3.10 [50.9]	3.28 [53.8]
Speed @ high idle engine	rpm	103	103	103	50
Speed @ optional high speed	rpm	156	156	156	100
Torque @ max displ. and relief pressure	lb-ft (N•m)	4654 [6310]	4654 [6310]	4654 [6310]	4840 [6562]
<b>Travel speed</b>					
Low range	mph (km/h)	5.5 [8.9]	5.5 [8.9]	5.5 [8.9]	5 [8]
High range (optional)		8.0 [12.9]	8.0 [12.9]	8.0 [12.9]	8.7 [14]
Final drive		Planetary gearbox with 2-speed motor			
<b>Parking brake</b>					
Type		Spring applied, hydraulic release disc	Spring applied, hydraulic release disc	Spring applied, hydraulic release disc	Spring applied, hydraulic released multi plet wet disc
Engagement		Depress on/off brake button on instrument panel, disconnect lapbelt, get off seat, or stop engine			

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<b>UNDERCARRIAGE</b>					
System		Zig Zag Pattern	Zig Zag Pattern	Zig Zag Pattern	H-Pattern
Idlers / rollers per side		2/4	2/4	2/4	2/6
<b>Ground pressure</b>					
PSI (with spec belt)		4.2	4.2	4.4	6.1

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**HYDRAULIC SYSTEM**

<b>Pumps</b>					
Type		Gear	Gear	Gear	Tandem Pump, Integral
Displacement standard aux.	in <sup>3</sup> (cc)	2.23 [36.6]	2.23 [36.6]	2.23 [36.6]	3.7 (60)
Displacement high flow aux.	in <sup>3</sup> (cc)	1.24 [20.4]	1.24 [20.4]	1.45 [23.7]	3.7 (60)
Standard pump flow	gpm (Lpm)	24.2 [91.5]	24.2 [91.5]	24.2 [91.5]	10.5 [40]
Optional high flow	gpm (Lpm)	37.6 [142.5]	37.6 [142.5]	39.9 [150.8]	41.6
Enhanced high flow	gpm (Lpm)	NA	NA	35 [132.5]	41.6
<b>Loader control valve</b>					
Type		3 spool / open center / series	3 spool / open center / series	3 spool / open center / series	3 spool / closed-center load sensing
Standard relief pressure	psi (bar)	3,046 [210]	3,046 [210]	3,450 [237]	3,450 [237]
Enhanced high flow relief pressure	psi (bar)	NA	NA	4000 [276]	4100 [283]
Hydraulic filter		6 microns / spin on	6 microns / spin on	6 microns / spin on	6 microns / spin on

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**CYLINDERS**

<b>Lift cylinder</b>					
Bore diameter	in (mm)	2.5 [63.5]	2.75 [69.85]	2.75 [69.8]	3.25 [82.5]
Rod diameter, in (mm)	in (mm)	1.75 [44.5]	1.75 [44.5]	1.75 [44.5]	2.25 [57.1]
Stroke in, in (mm)	in (mm)	33.5 [851.9]	34.9 [886.5]	35.7 [908]	38.8 [985]
Closed length, in (mm)	in (mm)	46.9 [1192]	47.4 [1205]	53.9 [1369.1]	59.6 [1515]
<b>Bucket cylinders</b>					
Bore diameter, in (mm)	in (mm)	3.0 [76.2]	3.0 [76.2]	3.0 [76.2]	3.25 [82.5]
Rod diameter, in (mm)	in (mm)	1.5 [38.1]	1.5 [38.1]	1.5 [38.1]	1.75 [44.5]
Stroke, in (mm)	in (mm)	16.14 [410]	16.14 [410]	15.9 [405]	19.7 [500]
Closed length, in (mm)	in (mm)	24 [610]	24 [610]	24.3 [617]	31.5 [800]
<b>Rated operating load</b>					
50% tip	lbs (kg)	3200 [1451]	3700 [1678]	4500 [2045]	6200 [2812]
35% tip	lbs (kg)	2240 [1018]	2590 [1178]	3150 [1432]	4340 [1969]
Tipping load	lbs (kg)	6400 [2902]	7400 [3357]	9000 [4091]	12,500 [5670]
<b>Breakout forces</b>					
Lift cylinder	lbs (kN)	4840 [21.5]	6110 [27.2]	7562 [33.6]	12,084 [53.8]
Bucket cylinder	lbs (kN)	7360 [32.7]	7360 [32.7]	9188 [41.8]	12,907 [57.4]
<b>Cycle times</b>					
Raise	sec	3.9	4.5	5.1	4.18
Lower	sec	2.5	2.6	3.5	2.18
Dump	sec	2.7	2.6	2.7	2.25
Roll back	sec	2.0	2.0	2.0	1.6

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**WEIGHTS**

Operating weight	lbs (kg)	9630 [4370]	9945 [4520]	10,610 [4823]	16,100 [7311]
Shipping weight	lbs (kg)	9300 [4220]	9615 [4370]	10,267 [4657]	15,800 [7182]

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**SERVICE CAPACITIES**

Fuel tank, gal (L)		25.5 [96.5]	25.5 [96.5]	25.5 [96.5]	30.8 [116.5]
Engine oil with filter, qt (L)		8.9 [8.5]	8.9 [8.5]	8.9 [8.5]	8.9 [8.5]
System Capacity with filter, qt (L)		47 [44.5]	47 [44.5]	45.4 [48]	42.8 [40.5]
DEF tank, gal (L)		NA	NA	2.8 [10.7]	3.3 [12.4]

**For all dimensions and performance metrics, unless otherwise specified:**

C332 – Equipped with 175 lb operator, 78" Heavy Duty Bucket and 17.7 (450 mm) track belt

C337 – Equipped with 175 lb operator, 78" Heavy Duty Bucket and 17.7 (450 mm) track belt

C345 – Equipped with 175 lb operator, 78" Heavy Duty Bucket and 17.7 (450 mm) track belt

C362 – Open cab, with no operator or bucket, fully fueled