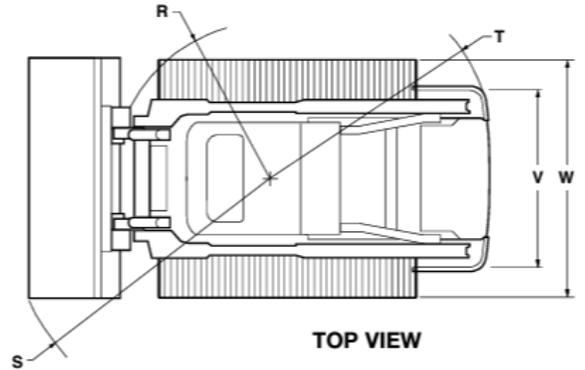
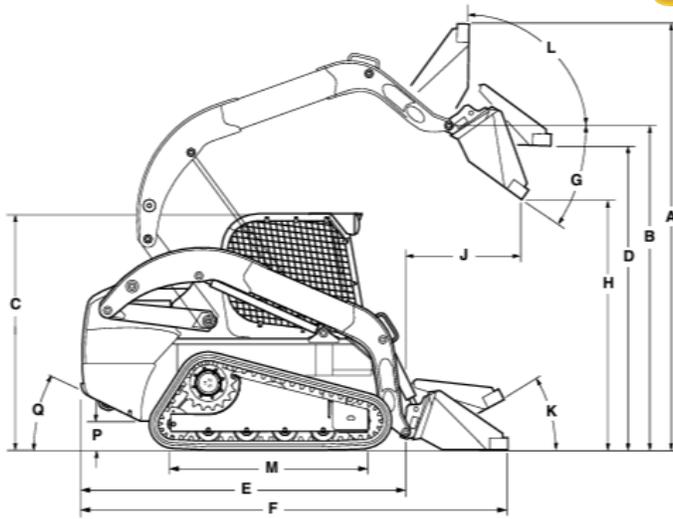


# C332



DIMENSIONS			
<b>Overall operating height</b>			
A	with foundry/excavating bucket short	in (mm)	160.2 (4068)
A	with low profile/standard bucket	in (mm)	164.4 (4176)
A	with low profile extended/long bucket	in (mm)	169.2 (4298)
<b>Height to</b>			
B	Bucket hinge pin	in (mm)	131.1 (3330)
C	Top of ROPS	in (mm)	80.4 (2043)
D	Bottom of level bucket, fully raised	in (mm)	123.0 (3125)
<b>Overall Length</b>			
E	without attachment with coupler	in (mm)	117.3 (2979)
F	with foundry excavation bucket on ground	in (mm)	141.7 (3598)
F	with low profile bucket	in (mm)	147 (3734)
F	with low profile extended bucket	in (mm)	150.8 (3830)
<b>Dump</b>			
G	Dump angle	degrees	55
H	Dump height		
	with foundry/excavating bucket short in (mm)	in (mm)	104.5 (2655) @ 45°
	with low profile/standard bucket	in (mm)	101.6 (2581) @ 45°
J	Dump reach (max height)	in (mm)	37 (941) @ 45°

<b>Maximum attachment rollback</b>			
K	Bucket on ground	degrees	33
L	Bucket at full height	degrees	85
<b>Track and clearance</b>			
M	Track on ground	in (mm)	64.5 (1639)
P	Ground clearance (bottom of belly pan)	in (mm)	9.6 (244)
Q	Angle of departure	in (mm)	32
<b>Clearance circle</b>			
R	Without bucket	in (mm)	56.2 (1482)
S	With foundry bucket in carry position	in (mm)	86.6 (2200)
S	With low profile bucket on ground	in (mm)	90.4 (2297)
S	With extended low profile bucket on ground	in (mm)	94.8 (2409)
T	Clearance circle rear	in (mm)	67 (1702)
V	Track gauge	in (mm)	58.6 (1488)
W	Overall width	in (mm)	76.5 (1943)
<b>ENGINE</b>			
Manufacturer/model		FPT / F5H FL463A*G001	
Type		Diesel 4-stroke, turbo, D.I.	
Bore/stroke	in (mm)	3.9 x 4.3 (99 x 110)	
Displacement	in <sup>3</sup> (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 Aftercooled with external EGR	
Cooling		Liquid	
<b>Engine Speeds</b>			
High idle - no load		rpm	2500 +/- 25
Rated - full load		rpm	2500
Low idle		rpm	1150 +/- 25

<b>Horsepower per SAE J1349</b>		
	Gross hp (kW)	74 (55) @ 2500 rpm
	Net hp (kW)	68 (51) @ 2500 rpm
Peak torque	lb-ft (N•m)	232 (314) @ 1400 rpm
<b>POWER TRAIN</b>		
<b>Drive pump electro hydraulic</b>		
Pump to engine ratio		1:1
Displacement	in <sup>3</sup> (L)	2.75 (45)
Flow	gpm (lpm)	24.2 (91.5)
Charge pressure	psi (bar)	362 (24.5)
System relief	psi (bar)	5220 (360)
Control		Mechanical or Electro hydraulic
<b>Drive Motors</b>		
Effective max displacement	in <sup>3</sup> (cc)	3.10 (50.9)
Effective Displacement opt high speed	in <sup>3</sup> (cc)	-
Speed @ high idle engine	rpm	103
Speed @ optional high speed	rpm	156
Torque @ max displ. and relief pressure	lb-ft (N•m)	4654 (6310)
<b>Travel Speed</b>		
Low range	mph (km/h)	5.5 (8.9)
High range	mph (km/h)	8.0 (12.9)
Final drive	mph (km/h)	Planetary gearbox with 2-speed motor
<b>Parking Brake</b>		
Type		Spring applied, hydraulic release disc
Engagement		Depress on/off brake button on instrument panel, disconnect lapbelt, get off seat, or stop engine
<b>UNDERCARRIAGE</b>		
System		<b>Zig Zag Pattern</b>
Idlers / rollers per side		2/4
<b>Ground Pressure</b>		
PSI (with spec belt)		4.2

<b>HYDRAULIC SYSTEM</b>		
<b>Pumps</b>		
Type		Gear
Displacement standard aux.	in <sup>3</sup> (cc)	2.23 (36.6)
Displacement high flow aux.	in <sup>3</sup> (cc)	1.24 (20.4)
Standard pump flow	gpm (Lpm)	24.2 (91.5)
Optional high flow	gpm (Lpm)	37.6 (142.5)
Enhanced high flow	gpm (Lpm)	NA
<b>Loader control valve</b>		
Type		3 spool / open center / series
Standard relief pressure	psi (bar)	3,046 (210)
Enhanced high flow relief pressure	psi (bar)	NA
Hydraulic filter		6 microns / spin on
<b>CYLINDERS</b>		
<b>Lift Cylinder</b>		
Bore diameter	in (mm)	2.5 (63.5)
Rod diameter	in (mm)	1.75 (44.5)
Stroke in	in (mm)	33.5 (851.9)
Closed length	in (mm)	46.9 (1192)
<b>Bucket Cylinders</b>		
Bore diameter	in (mm)	3.0 (76.2)
Rod Diameter	in (mm)	1.5 (38.1)
Stroke in	in (mm)	16.14 (410)
Closed length	in (mm)	24 (610)
<b>Rated Operating Load</b>		
50% tip	lbs. (kg)	3200 (1451)
35% tip	lbs. (kg)	2240 (1018)
Tipping load	lbs. (kg)	6400 (2902)
<b>Breakout Forces</b>		
Lift cylinder	lbs. (kN)	4840 (21.5)
Bucket cylinder	lbs. (kN)	7360 (32.7)

<b>Cycle Times</b>		
Raise	sec	3.9
Lower	sec	2.5
Dump	sec	2.7
Roll back	sec	2.0
<b>Loader control valve</b>		
Type		-
Standard relief pressure	psi (bar)	-
Enhanced high flow relief pressure	psi (bar)	-
Hydraulic filter		-
<b>WEIGHTS</b>		
Operating weight	lbs (kg)	9630 (4370)
Shipping weight	lbs (kg)	9300 (4220)
<b>SERVICE CAPACITIES</b>		
Fuel tank, gal (L)		25.5 (96.5)
Engine oil with filter, qt (L)		8.9 (8.5)
System Capacity with filter, qt (L)		47 (44.5)
DEF tank, gal (L)		NA