



<b>Make</b>	<b>CASE</b>	<b>CATERPILLAR</b>	<b>CATERPILLAR</b>
<b>Model</b>	<b>621 F Tier 4</b>	<b>930 H Tier 3</b>	<b>924 K (17.5) Tier 3</b>

<b>ENGINE</b>			
Engine make / model	FPT F4HFE613W	Caterpillar C6.6 ACERT	Caterpillar C7.1 ACERT
Emission Rating	Tier 4	Tier 3	Tier 3
Gross Power - hp (kW)	172 (128)	not published	141 (105)
Net Power - hp (kW)	152 (113)	150.1 (112)	140 (103)
Rated RPM - rpm	2000	2300	1800
Peak Torque - lbf / ft (Nm)	538 (730)	544.3 (738)	534 (725)
No. of Cylinders	6	6	6
Displacement - Inches <sup>3</sup> ; (ltr)	411 (6.7)	402.7 (6.6)	427 (7)
Alternator - Amp	120	95	115
<b>POWER TRAIN</b>			
Transmission Speeds	4F - 3R	not published	4F - 4R
Transmission Type	Powershift	not published	Hydrostatic
Max. Travel Speed Fwd - mph (kph)	24 (37.6)	23.6 (38)	25 (40)
Differential Lock - Front / Rear	F: LSD / R: LSD	Yes / No	F: Open / R: Open
<b>HYDRAULIC SYSTEM</b>			
Main Pump Type	Axial Piston Pump	not published	Piston
Pump Flow - gallons (US) / min (lt/min)	45.2 (171)	58.1 (220)	40 (150)
System Pressure - PSI (bar)	3625 (250)	3756.4 (259)	3771 (260)
Steering Configuration	Articulation	Articulation	Articulation
Service Brake Type	Wet Multi Disc	Wet Disc	Wet Disc
Total Cycle Time - sec	11.9	9.5	9.5
<b>PERFORMANCE</b>			
Linkage Geometry	Z-Bar	VersaLink	Z-Bar
Full Turn Tipping Load - lbs (kg)	19559 (8872)	17352.5 (7871)	17699 (8030)
Bucket Breakout Force - lbf (kN)	25426 (113.1)	28325.9 (126)	22897 (101.8)
Dump Reach - Full Height - ft/in (mm)	3 ft 2 in (969)	3 ft 3 in (995)	3 ft 4 in (1017)
Reach 45-A Dump 7' Clearance - ft/in (mm)	4 ft 11 in (1493)	5 ft (1531)	4 ft 11 in (1503)
Max. Hinge Pin Height - ft/in (mm)	12 ft 7 in (3831)	13 ft 3 in (4049)	12 ft 4 in (3765)
Ref. Bucket capacity Heaped - yd <sup>3</sup> ; (m <sup>3</sup> ;) )	2.7 (2.05)	3 (2.3)	2.5 (1.9)
<b>DIMENSIONS AND CAPACITIES</b>			
Overall Length with Bucket Down - ft/in (mm)	24 ft (7315)	not published	24 ft 5 in (7441)
Width over Tires - ft/in (mm)	8 ft 3 in (2523)	8 ft 1 in (2470)	8 ft 2 in (2484)
Height to Top of Cab - ft/in (mm)	11 ft 2 in (3395)	10 ft 9 in (3278)	10 ft 8 in (3252)
Turning Radius - Outside Tire - ft/in (mm)	17 ft 3 in (5245)	17 ft 3 in (5257)	17 ft 9 in (5404)
Operating Weight - lbs (kg)	26711 (12116)	29043.6 (13174)	25684 (11653)
Fuel Tank - gallons (US) (ltr)	65 (246)	59.4 (225)	51.5 (195)

na = Not Applicable, np = Not Published

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