

# TECHNICAL SPECIFICATIONS

See [cat.com](http://cat.com) for complete specifications.



ENGINE		
Engine Model	Cat C4.4 ACERT	
Gross Power – ISO 14396/SAE J1995	122 kW	164 hp
Net Power – ISO 9249/SAE J1349	121 kW	162 hp
Engine RPM		
Operation	1,650 rpm	
Travel	1,800 rpm	
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.4 L	269 in <sup>3</sup>
HYDRAULIC SYSTEM		
Main System – Maximum Flow (Implement)	429 L/min	113 gal/min
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure – Travel	34 300 kPa	4,974 psi
Maximum Pressure – Swing	26 800 kPa	3,886 psi
MACHINE WEIGHT		
Operating Weight – North America	22 500 kg	49,600 lb
Reach boom, R2.9 m (9'6") stick, HD 1.19 m <sup>3</sup> (1.56 yd <sup>3</sup> ) bucket and 790 mm (31 in) triple grouser shoes, 4.2 mt (9,300 lb) counterweight.		
Operating Weight – Europe/Australia and New Zealand	21 900 kg	48,300 lb
Reach boom, R2.9 m (9'6") stick, HD 1.19 m <sup>3</sup> (1.56 yd <sup>3</sup> ) bucket and 600 mm (24 in) triple grouser shoes, 4.2 mt (9,300 lb) counterweight.		
SERVICE REFILL CAPACITIES		
Fuel Tank	345 L	86.6 gal
Cooling System	25 L	6.6 gal
Engine Oil	15 L	4.0 gal
Swing Drive (each)	5 L	1.3 gal
Final Drive (each)	5 L	1.3 gal
Hydraulic System (including tank)	234 L	61.8 gal
Hydraulic Tank	115 L	30.4 gal
DEF Tank	39 L	10.3 gal

DIMENSIONS		
<b>Boom</b>	<b>Reach 5.7 m (18'8")</b>	
<b>Stick</b>	<b>Reach 2.9 m (9'6")</b>	
<b>Bucket</b>	<b>1.19 m<sup>3</sup> (1.56 yd<sup>3</sup>)</b>	
Shipping Height (top of cab)	2960 mm	9'9"
Handrail Height	2950 mm	9'8"
Shipping Length	9530 mm	31'3"
Tail Swing Radius	2830 mm	9'3"
Length to Center of Rollers	3650 mm	12'0"
Ground Clearance	470 mm	1'7"
Track Gauge	2380 mm	7'9"
Transport Width – 600 mm (24") Shoes	2980 mm	9'9"
Transport Width – 790 mm (31") Shoes	3170 mm	10'5"
Counterweight Clearance	1050 mm	3'5"
WORKING RANGES AND FORCES		
<b>Boom</b>	<b>Reach 5.7 m (18'8")</b>	
<b>Stick</b>	<b>Reach 2.9 m (9'6")</b>	
<b>Bucket</b>	<b>1.19 m<sup>3</sup> (1.56 yd<sup>3</sup>)</b>	
Maximum Digging Depth	6720 mm	22'1"
Maximum Reach at Ground Level	9860 mm	32'4"
Maximum Cutting Height	9370 mm	30'9"
Maximum Loading Height	6490 mm	21'4"
Minimum Loading Height	2170 mm	7'1"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6550 mm	21'6"
Maximum Vertical Wall Digging Depth	5190 mm	17'0"
Bucket Digging Force (ISO)	150 kN	38,811 lbf
Stick Digging Force (ISO)	106 kN	23,911 lbf
Bucket Digging Force (SAE)	134 kN	30,104 lbf
Stick Digging Force (SAE)	103 kN	23,212 lbf

## CAB FEATURES

FEATURE	DESCRIPTION	COMFORT	DELUXE	PREMIUM
ROPS	Standard Sound Suppression	●	●	x
	Advanced Sound Suppression	x	x	●
High-Resolution Monitor	203 mm (8 inch) Touchscreen	●	●	●
	254 mm (10 inch) Touchscreen	x	○	○
Keyless Push-to-Start	Engine Control	●	●	●
Jog Dial, Shortcut Keys	Monitor Control	●	●	●
Air Conditioning	Automatic Bi-level	●	●	●
Suspension Seat with Seat Belt	Adjustable	●	x	x
	Air Adjustable	x	●	●
	Automatic	x	x	●
	Heated	x	●	x
Console	Heated & Cooled	x	x	●
	3 Fixed Heights	●	x	x
	Infinitely Adjustable	x	●	●
Bluetooth Integrated Radio	Tilt-Up Left Side	x	●	●
	With USB Ports	●	●	●

● - standard ○ - optional x - not available