

325Hydraulic Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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Engine		
Engine Model	Cat® C4.4	
Net Power		
ISO 9249	128.5 kW	172 hp
ISO 9249 (DIN)	175 hp (meti	ric)
Engine Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (DIN)	176 hp (meti	ric)
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.4 L	269 in ³
Biodiesel Capability	Up to B20(1)	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm.
- (1) Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - √ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

- *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Swing Mechanism		
Swing Speed	11.12 rpm	
Maximum Swing Torque	82 kN·m	60,480 lbf-ft
Weights		
Operating Weight	22 400 kg	49,400 lb
• Standard undercarriage, Reach Duty Excavation (HDX) 0.90 n triple grouser shoes and 4.9 mt	n ³ (1.18 yd ³) bucket,	600 mm (24")
Operating Weight	27 600 kg	60.800 lb

• Long undercarriage, Reach boom, R2.9B1 (9'6") stick, HDX 0.90 m³ (1.18 yd³) bucket, 600 mm (24") HD triple grouser shoes and 8.3 mt (18,300 lb) counterweight.

Track		
Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	790 mm	31 in
Number of Shoes (each side) – for Standard Undercarriage	45	
Number of Track Rollers (each side) – for Standard Undercarriage	7	
Number of Shoes (each side) – for Long Undercarriage	49	
Number of Track Rollers (each side) – for Long Undercarriage	8	
Number of Carrier Rollers (each side)	2.	

Drive		
Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull	201 kN	45,232 lbf

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 – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	27 500 kPa	3,988 psi
Boom Cylinder – Bore	125 mm	5 in
Boom Cylinder – Stroke	1410 mm	56 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1504 mm	59 in
Bucket Cylinder – Bore	120 mm	5 in
Bucket Cylinder – Stroke	1104 mm	43 in

Service Refill Capacities		
Fuel Tank Capacity	313 L	82.7 gal
Cooling System	11.8 L	3.1 gal
Engine Oil (with filter)	15 L	4.0 gal
Swing Drive	5.5 L	1.5 gal
Final Drive (each)	4.5 L	1.2 gal
Hydraulic System (including tank)	230 L	60.8 gal
Hydraulic Tank (including suction pipe)	111 L	29.3 gal
Diesel Exhaust Fluid (DEF) Tank	26 L	6.9 gal

Standards	
Brakes	ISO 10265:2008
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

Sound Performance		
ISO 6395:2008 (external)	97 dB(A)	
ISO 6396:2008 (inside cab)	70 dB(A)	

• Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.

Operating Weights and Ground Pressures

	Triple (n (24 in) Grouser oes	Triple (24 in) HD Grouser oes	Triple	(28 in) HD Grouser oes	Triple	n (31 in) Grouser oes	Triple	31 in) HD Grouser oes
	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure	Weight	Ground Pressure
Base Machine Configurations	kg (lb)	kPa (psi)	kg (Ib)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Frame with Track Rollers and Carrier R	ollers									
4.9 mt (10,800 lb) Counterweight + Standa	d Underca	rriage Bas	e Machine	е						
Reach Boom + R2.9B1 (9'6") Stick + 0.90 m ³ (1.18 yd ³) GDX Bucket	22 400 (49,400)	51.6 (7.5)	_	_		_	22 900 (50,500)	40.1 (5.8)		
8.3 mt (18,300 lb) Counterweight + Long U	ndercarriag	je Base Ma	chine							
Reach Boom + R2.9B1 (9'6") Stick + 0.90 m³ (1.18 yd³) HDX Bucket + AUX lines (HP + QC)	_	_	27 600 (60,800)	57.4 (8.3)	27 900 (61,500)	49.7 (7.2)	_	_	28 300 (62,400)	44 (6.5)

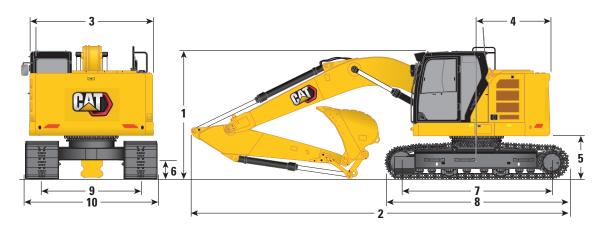
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

Major Component Weights

With 4.9 mt (10,800 lb) Counterweight and Long Undercarriage With 4.9 mt (10,800 lb) Counterweight and Long Undercarriage (for use with Blade) 77 With 8.3 mt (18,300 lb) Counterweight and Long Undercarriage 78 78 78 79 79 70 mm (31") Width, 10 mm (0.39") Thick, Triple Grouser Track Shoes 79 790 mm (31") Width, 10 mm (0.39") Thick, Triple Grouser Track Shoes with Step Extension 78 78 78 78 78 78 78 78 78 79 78 78 79 78 78 79 78 78 79 78 78 79 78 78 78 79 78 78 78 78 79 78 78 78 78 78 78 78 78 78 78 78 78 78	800 630 490 250	34,830
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790 mm (31") Width, 10 mm (0.39") Thick, Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (10.90") Bloom Cylinder Step Extension 3 790 mm (31") Width, 12.5 mm (10.90") Bloom [24"] track Shoes with Step Extension 3 790 mm (31") Width, 12.5 mm (10.90") Bloom [24"] track Shoes with Step Extension 3 790 mm (10"5") Blade (for use with 4.9 mt [10,800 lb] counterweight [31"] track shoes) 3 170 mm (10"5") Blade (for use with 4.9 mt [10,800 lb] counterweight [31"] track shoes) 4 8.3 mt (18,300 lb) Counterweight — without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight — without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight — without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (10,800 lb) Counterweight — without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (10,800 lb) Cou	5520	7,770
790 mm (31") Width, 12.5 mm (0.49") Thick, HD Triple Grouser Track Shoes with Step Extension wo Boom Cylinders Weight of 90% Fuel Tank and 75 kg (165 lb) Operator Blades (including lines, cylinders, frame modifications): 2980 mm (99") Blade (for use with 4.9 mt [10,800 lb] counterweight and 600 mm [24"] track shoes) 1 3170 mm (10"5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 ounterweights: 4.9 mt (10,800 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8 wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Undercarriages: Standard Undercarriage 4 Long Undercarriage 5 Reach Boom 5.7 m (18"8") 1 HD Reach Stick R2.9B1 (96") 1 HD Reach Stick R2.9B1 (96") 1 HD Reach Stick R2.9B1 (96") 1 AUX Lines (HP + QC)	380	7,460
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator Blades (including lines, cylinders, frame modifications): 2980 mm (99") Blade (for use with 4.9 mt [10,800 lb] counterweight and 600 mm [24"] track shoes) 1 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight — without Blade (bounterweights) 2 4.9 mt (10,800 lb) Counterweight 3 5 8 8 8 8 8 9 8 9 mt (18,300 lb) Counterweight — without Blade (bounterweight Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight — for use with Blade (bounterweight Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade (bounterweight Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade (bounterweight Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade (bounterweight Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade (bounterweight Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight — without Blade (bounterweight — without Blade	860	8,500
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator Blades (including lines, cylinders, frame modifications): 2980 mm (9°9") Blade (for use with 4.9 mt [10,800 lb] counterweight and 600 mm [24"] track shoes) 1 3170 mm (10′5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 counterweights: 4.9 mt (10,800 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8 ming Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Foundercarriages: Standard Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 7 Reach Boom 5.7 m (18°8") 8 Long Undercarriage 9 Long Undercarriage 1 Long Undercarriage 2 Long Undercarriage 3 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 7 Long Undercarriage 8 Long Undercarriage 9 Long Undercarriage 1 Long Undercarriage 2 Long Undercarriage 3 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 1 Long Undercarriage 1 Long Undercarriage 1 Long Undercarriage 2 Long Undercarriage 3 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Underca	420	940
Blades (including lines, cylinders, frame modifications): 2980 mm (9'9") Blade (for use with 4.9 mt [10,800 lb] counterweight and 600 mm [24"] track shoes) 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 1 counterweights: 4.9 mt (10,800 lb) Counterweight 4.9 mt (10,800 lb) Counterweight 8 wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Frame with Standard Undercarriage 4 clooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") 1 HD Reach Boom 5.7 m (18'8") 1 Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) 1 ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") 1 HD Reach Stick R2.9B1 (9'6") 1 AUX Lines (HP + QC)	310	690
2980 mm (9'9") Blade (for use with 4.9 mt [10,800 lb] counterweight and 600 mm [24"] track shoes) 3170 mm (10'5") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) 120 counterweights: 4.9 mt (10,800 lb) Counterweight 4.9 mt (10,800 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8 wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Judercarriages: Standard Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 7 Reach Boom 5.7 m (18'8") 1 HD Reach Boom 5.7 m (18'8") 1 Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) 1 ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") 1 HD Reach Stick R2.9B1 (9'6") 1 AUX Lines (HP + QC)		
3170 mm (105") Blade (for use with 4.9 mt [10,800 lb] counterweight and 700 mm [28"] or 790 mm [31"] track shoes) Lounterweights: 4.9 mt (10,800 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8 wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Judercarriages: Standard Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 7 Reach Boom 5.7 m (18'8") 1 Long Undercarriage 8 Long Undercarriage 9 Long Undercarriage 1 Long Undercarriage 2 Long Undercarriage 3 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 1 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 1 Long Undercarriage 2 Long Undercarriage 3 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 5 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 1 Long Undercarriage 1 Long Undercarriage 1 Long Undercarriage 2 Long Undercarriage 3 Long Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 4 Long Undercarriage 5 Long Undercarriage 6 Long Undercarriage 7 Long Undercarriage 8 Long Undercarriage 9 Long Undercarriage 1 Long Undercarriage 1 Long Undercarriage 1 Long Undercarri	090	2,410
Counterweights: 4.9 mt (10,800 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8 wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade 6 Undercarriages: Standard Undercarriage 4 Long Undercarriage 4 Cooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (96") HD Reach Stick R2.9B1 (96") 1 AUX Lines (HP + QC)	130	2,480
4.9 mt (10,800 lb) Counterweight 8.3 mt (18,300 lb) Counterweight 8 wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Judercarriages: Standard Undercarriage Long Undercarriage 40 Sooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") 1 Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)		
8.3 mt (18,300 lb) Counterweight wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade 6 Judercarriages: Standard Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Judercarriage 6 Judercarriage 7 Judercarriage 8 Judercarriage 9 Judercar	900	10,800
wing Frames: Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Indercarriages: Standard Undercarriage 4 Long Undercarriage 4 Long Undercarriage 5 Reach Boom 5.7 m (18'8") 1 HD Reach Boom 5.7 m (18'8") 1 Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) Iticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") 1 HD Reach Stick R2.9B1 (9'6") 1 AUX Lines (HP + QC)	3300	18,30
Swing Frame with Standard Base Frame and HD Track Rollers for 4.9 mt (10,800 lb) Counterweight – without Blade Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Judercarriages: Standard Undercarriage 4 Long Undercarriage 4 Cooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)		10,50
Swing Frame with Standard Base Frame and SD Track Rollers for 4.9 mt (10,800 lb) Counterweight – for use with Blade Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade 6 6 6 7 6 7 6 7 6 7 7 8 7 8 8 8 8 8 8 8 8 8	5800	15,000
Swing Frame with Standard Base Frame and SD Track Rollers for 8.3 mt (18,300 lb) Counterweight – without Blade Judercarriages: Standard Undercarriage Long Undercarriage 4 Jooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	7050	15,530
Indercarriages: Standard Undercarriage Long Undercarriage Sooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	960	15,35
Standard Undercarriage Long Undercarriage Sooms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)		
Long Undercarriage Booms (including lines, pins, stick cylinder): Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	100	9,030
Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	560	10,050
Reach Boom 5.7 m (18'8") HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)		10,03
HD Reach Boom 5.7 m (18'8") Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	740	3,830
Auxiliary (AUX) Lines (High Pressure [HP] + Quick Coupler [QC]) ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	910	4,220
ticks (including lines, pins, bucket cylinder, bucket linkage): Reach Stick R2.9B1 (9'6") HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	130	290
Reach Stick R2.9B1 (9'6") 1 HD Reach Stick R2.9B1 (9'6") 1 AUX Lines (HP + QC) 1	130	
HD Reach Stick R2.9B1 (9'6") AUX Lines (HP + QC)	030	2,270
AUX Lines (HP + QC)	140	2,520
	60	130
dekets (without mikage, with tips and side cutters).		
0.80 m³ (1.05 yd³) General Duty Excavation (GDX) B Linkage	700	1,530
	730	1,610
	850	1,87
	000	2,210
		2,21
hovel Crane:		10
Hook, Valves and Sensors	60	100
Auxiliary Lines:		
	110	240
HP Lines for Reach Stick Auxiliary Valves for HP	110 50	240

Dimensions

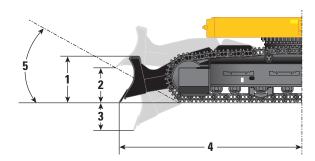
All dimensions are approximate and may vary depending on bucket selection.



Boom Option			n 5.7 m (18'8")		
Stick Option		Reach Stick R2.9B1 (9'6")			
Undercarriage Type	Stan	dard	Long		
1 Machine Height:					
Top of Cab Height	3070 mm	10'1"	3080 mm	10'1"	
Top of GNSS Antenna Height (if installed)	2620 mm	8'7"	2620 mm	8'7"	
Top of OPG Height	3210 mm	10'6"	3220 mm	10'7"	
Shipping Height without OPG	3210 mm	10'6"	3210 mm	10'6"	
Handrail Height	3180 mm	10'5"	3190 mm	10'5"	
With Boom/Stick/Bucket Installed	3210 mm	10'6"	3210 mm	10'6"	
With Boom/Stick Installed	2980 mm	9'9"	2980 mm	9'9"	
With Boom Installed	2520 mm	8'3"	2530 mm	8'3"	
With Boom/Stick/Bucket Installed (with auxiliary lines)	3210 mm	10'6"	3210 mm	10'6"	
With Boom/Stick Installed (with auxiliary lines)	3210 mm	10'6"	3210 mm	10'6"	
With Boom Installed (with auxiliary lines)	2980 mm	9'9"	2980 mm	9'9"	
2 Machine Length:					
With Boom/Stick/Bucket Installed (with/without auxiliary lines)	8680 mm	28'6"	8870 mm	29'1"	
With Boom/Stick Installed (with/without auxiliary lines)	8660 mm	28'5"	8850 mm	29'0"	
With Boom Installed (with/without auxiliary lines)	7590 mm	24'11"	7780 mm	25'6"	
With Blade Installed (with auxiliary lines)	_	_	9570 mm	31'5"	
3 Upperframe Width	2990 mm	9'10"	2990 mm	9'10"	
4 Tail Swing Radius	1780 mm	5'10"	1810 mm	5'11"	
5 Counterweight Clearance	1020 mm	3'3"	980 mm	3'2"	
6 Ground Clearance	440 mm	1'4"	440 mm	1'4"	
7 Length to Center of Rollers	3270 mm	10'9"	3650 mm	12'0"	
8 Track Length	4070 mm	13'4"	4460 mm	14'7"	
9 Track Gauge	2200 mm	7'3"	2380 mm	7'10"	
10 Undercarriage Width:					
600 mm (24") Shoes	2800 mm	9'2"	2980 mm	9'9"	
700 mm (28") Shoes	_	_	3080 mm	10'1"	
790 mm (31") Shoes	2990 mm	9'10"	3170 mm	10'5"	
Bucket Type	GE	ΟX	НЕ	ΟX	
Bucket Capacity	0.90 m³	1.18 yd³	0.90 m³	1.18 yd	
Bucket Tip Radius	1490 mm	4'11"	1490 mm	4'11"	

Blade Dimensions (Long Undercarriage only)

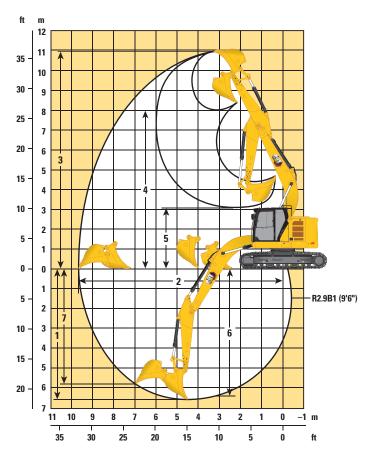
All dimensions are approximate.



Track Shoe Width	600 ı (24		700 mm (28")	790 mm (31")
Blade Options		2980 mm (9'9")		mm 5")
1 Blade Moldboard Height	696 mm	2'3"	696 mm	2'3"
2 Blade Maximum Cutting Edge Rise	585 mm	1'11"	585 mm	1'11"
3 Blade Minimum Cutting Edge Depth	467 mm	1'6"	467 mm	1'6"
4 Blade Edge from Machine Center	2930 mm	9'7"	2930 mm	9'7"
5 Ramp Angle	28.8 degrees		28.8 de	egrees
Blade Down Force				
Ground Level	151.4 kN	34 kLbf	151.4 kN	34 kLbf
Maximum	170.6 kN	38.4 kLbf	170.6 kN	38.4 kLbf

Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.



Boom Option	Reach Boom 5.7 m (18'8")							
Stick Option		Reach Stick R2.9B1 (9'6")						
Undercarriage Type	Stan	dard	Long					
1 Maximum Digging Depth	6600 mm	21'8"	6600 mm	21'8"				
2 Maximum Reach at Ground Line	9670 mm	31'9"	9680 mm	31'9"				
3 Maximum Cutting Height	10 930 mm	35'10"	10 930 mm	35'10"				
4 Maximum Loading Height	8000 mm	26'3"	8000 mm	26'3"				
5 Minimum Loading Height	3080 mm	10'1"	3080 mm	10'1"				
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6420 mm	21'1"	6420 mm	21'1"				
7 Maximum Vertical Wall Digging Depth	5820 mm	19'1"	5820 mm	19'1"				
Minimum Working Equipment Radius	2330 mm	7'8"	2330 mm	7'8"				
Bucket Digging Force (ISO)	148 kN	33,272 lbf	148 kN	33,272 lbf				
Stick Digging Force (ISO)	103 kN	23,155 lbf	103 kN	23,155 lbf				
Bucket Type	HI	HDX HDX		OX				
Bucket Capacity	0.90 m ³	1.18 yd³	0.90 m³	1.18 yd³				
Bucket Tip Radius	1489 mm	4'11"	1489 mm	4'11"				

Bucket Specifications and Compatibility

										dard arriage				ong carriage		
										0,800 lb) rweight		4.9 mt (1 Counte				18,300 lb) rweight
									No E	Blade	No E	Blade	l .	lade Up ront	No E	Blade
		Wi	dth	Cap	acity	We	eight	Fill	Reach Boom	HD Reach Boom	Reach Boom	HD Reach Boom	Reach Boom	HD Reach Boom	Reach Boom	HD Reach Boom
	Linkage	mm	in	m³	yd³	kg	lb	%	R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")
Pin-On (No Quick Coupler)							•									
General Duty Excavation	В	950	37	0.80	1.05	686	1,511	100	•	•	•	•	•	•	•	•
	В	1050	41	0.90	1.18	719	1,584	100	•	Θ	•	•	•	•	•	•
	В	1150	45	1.00	1.31	751	1,655	100	Θ	0	•	•	•	•	•	•
Heavy Duty Excavation	В	950	37	0.80	1.05	796	1,755	100	•	•	•	•	•	•	•	•
	В	1050	41	0.90	1.17	835	1,841	100	Θ	Θ	•	•	•	•	•	•
Heavy Duty Excavation, Skeleton	В	1050	41	0.90	1.18	855	1,885	100	Θ	Θ	•	•	•	•	•	•
Tamping	В	2200	86	0.72	0.94	868	1,913	100	•	•	•	•	•	•	•	•
	В	2200	86	0.90	1.18	891	1,965	100	Θ	0	•	•	•	•	•	•
	•	Max	imum la	od with r	oin-on (pa	ovlood :	huakat)	kg	2290	2170	2655	2540	2900	2845	3780	3730
		IVId	annunn 10	au witii p	illi-oli (þ	ayioau +	bucket)	lb	5,049	4,784	5,853	5,600	6,393	6,272	8,333	8,223
With Pin Grabber Coupler										•						
General Duty Excavation	В	950	37	0.80	1.05	686	1,511	100	Θ	0	•	•	•	•	•	•
	В	1050	41	0.90	1.18	719	1,584	100	0	0	Θ	Θ	•	•	•	•
	В	1150	45	1.00	1.31	751	1,655	100	\Diamond	\Diamond	Θ	0	•	Θ	•	•
Heavy Duty Excavation	В	950	37	0.80	1.05	796	1,755	100	0	0	•	Θ	•	•	•	•
	В	1050	41	0.90	1.17	835	1,841	100	0	\Diamond	Θ	Θ	•	•	•	•
Heavy Duty Excavation, Skeleton	В	1050	41	0.90	1.18	855	1,885	100	\Diamond	\Diamond	Θ	0	•	•	•	•
Tamping	В	2200	86	0.72	0.94	868	1,913	100	0	0	•	•	•	•	•	•
	В	2200	86	0.90	1.18	891	1,965	100	\Diamond	\Diamond	Θ	0	•	Θ	•	•
		Mavi	mum loo	d with or	oupler (pa	avload :	huckat\	kg	1868	1748	2233	2118	2478	2423	3358	3308
		IVIANI	iiuiii iua	u willi cl	uhiei (h	ayıvau +	Ducket)	lb	4,119	3,854	4,924	4,670	5,463	5,343	7,404	7,294

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- 1800 kg/m³ (3,000 lb/yd³)
- → 1500 kg/m³ (2,500 lb/yd³)
-) 1200 kg/m³ (2,000 lb/yd³)
- 900 kg/m³ (1,500 lb/yd³)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

Attachments Offering Guide Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region. Match * Working range front only | Allowed usage on machine less than 50% | No Match

PIN-ON ATTACHMENTS							
Undercarriage	arriage		ndard	L	ong	L	ong
Counterweight		4.9 mt (10,800 lb)	4.9 mt (10,800 lb)	8.3 mt (18,300 lb)
Boom Type		Reach	HD Reach	Reach	HD Reach	Reach	HD Reach
Stick Size		R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")
Hydraulic Hammers	H120 GC Side Mount	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓
	H130 S	√ †	√ *	√ †	✓	√ †	✓
Rotary Cutters	RC20	✓	✓	✓	✓	✓	✓

Undercarriage	ercarriage		ndard	L	ong	Long	
Counterweight		4.9 mt (10,800 lb)	4.9 mt (10,800 lb)	8.3 mt (18,300 lb)
Boom Type		Reach	HD Reach	Reach	HD Reach	Reach	HD Reach
Stick Size		R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")
Hydraulic Hammers	H120 GC Side Mount	√ †*		√ †	✓	√ †	✓
	H120 S	√ †*	√ *	√ †	✓	√ †	✓
	H130 S			√ †	√ *	√ †	✓
Rotary Cutters	RC20	./	./	√	√	./	./

TRS18 (PIN-ON TOP/S70 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Sta	ndard	Long		L	ong
Counterweight		4.9 mt (4.9 mt (10,800 lb)		4.9 mt (10,800 lb)		18,300 lb)
Boom Type		Reach	HD Reach	Reach	HD Reach	Reach	HD Reach
Stick Size		R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")	R2.9 (9'6")	HD R2.9 (9'6")
Hydraulic Hammers	H115 S	✓	√ *	✓	✓	✓	✓
	H120 S			√ †	√ *	√ †	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

325 Standard and Optional Equipment

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
CAT TECHNOLOGY		
VisionLink®	√ *	
VisionLink Productivity		✓
Remote Flash	✓	
Remote Troubleshoot	✓	
Cat Grade Connectivity		✓
Compatibility with radios and base stations from Trimble, Topcon, and Leica	✓	
Capability to install 3D grade systems from Trimble, Topcon, and Leica	✓	
Cat Grade 2D	✓	
Cat Grade 2D with Attachment Ready Option (ARO)		✓
Cat Grade 3D single GNSS		✓
Cat Grade 3D dual GNSS		✓
Laser catcher		✓
Cat Assist: - Grade Assist - Boom Assist - Bucket Assist - Swing Assist	✓	
Cat Payload: - Static weigh - Semiautomatic calibration - Payload/cycle information - USB reporting capability	✓	
Work tool recognition (PL161)	✓	
Work tool tracking (PL161)	✓	
Cat Tilt Rotator (TRS) Integration		✓
Operator Coaching		✓

Three selectable modes: Power, Smart, Eco 4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft) 50° C (122° F) high-ambient cooling capacity without derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Sealed double element air filter with integrated pre-cleaner 1 × 145 amp dual alternator Electric fuel priming pump Reversible electric cooling fans Two-stage fuel filtration system with	
Three selectable modes: Power, Smart, Eco 4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft) 50° C (122° F) high-ambient cooling capacity without derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Sealed double element air filter with integrated pre-cleaner 1 × 145 amp dual alternator Electric fuel priming pump Reversible electric cooling fans	
Smart, Eco 4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft) 50° C (122° F) high-ambient cooling capacity without derate −18° C (0° F) cold start capability -32° C (−25° F) cold start capability Sealed double element air filter with integrated pre-cleaner 1 × 145 amp dual alternator Electric fuel priming pump ✓ Reversible electric cooling fans	
with engine power derate above 3000 m (9,840 ft) 50° C (122° F) high-ambient cooling capacity without derate −18° C (0° F) cold start capability −32° C (−25° F) cold start capability Sealed double element air filter with integrated pre-cleaner 1 × 145 amp dual alternator Electric fuel priming pump ✓ Reversible electric cooling fans	
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integrated pre-cleaner 1 × 145 amp dual alternator Electric fuel priming pump ✓ Reversible electric cooling fans	✓
Electric fuel priming pump ✓ Reversible electric cooling fans	
Reversible electric cooling fans ✓	
Two-stage fuel filtration system with ✓	
water separator and indicator	
YDRAULIC SYSTEM	
Electric main control valve ✓	
Boom and stick regeneration circuits ✓	
Automatic hydraulic oil warm up ✓	
Automatic two-speed travel ✓	
Boom and stick drift reduction valve ✓	
Tandem type electronic main pump ✓	
Element type main hydraulic filter ✓	
Hydraulic efficiency monitoring (continued on next)	✓

(continued on next page)

^{*}Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

325 Standard and Optional Equipment

Standard and Optional Equipment (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional	
NDERCARRIAGE AND STRUCTURES			ELECTRICAL SYSTEM
Standard base frame with standard track	✓		Maintenance free battery
Base frame with standard track rollers and standard carrier rollers		✓	LED chassis light, left-hand (1 right-hand (RH) boom lights, 1,800 lumens
for use with blade			Centralized electrical disconne
Base frame with standard track rollers		✓	Programmable time-delay wor
and standard carrier rollers for long undercarriage			Premium surround lighting pa
Base frame with standard track rollers			SERVICE AND MAINTENANCE
and standard carrier rollers for long		•	Scheduled Oil Sampling (S·O·
undercarriage for use with blade			Grouped location for engine of
Tie-down points on base frame	✓		and fuel filters
Grease lubricated track	✓		Ground-level second dipstick
Segmented track guiding guards	✓		for engine oil
Center track guiding guards (standard undercarriage only)		✓	Integrated vehicle health management system
Bottom guards	✓		SAFETY AND SECURITY
Travel motor guards	✓		Cat Command (remote contro
4.9 mt (10,800 lb) counterweight	✓		2D E-Fence:
8.3 mt (18,300 lb) counterweight**		✓	– E-ceiling – E-floor
600 mm (24") triple grouser track shoes	✓		– E-swing
600 mm (24") HD triple grouser shoes		✓	– E-wall
700 mm (28") triple grouser track shoes		✓	– E-cab avoidance
700 mm (28") HD triple grouser shoes		✓	Auto hammer stop
790 mm (31") triple grouser track shoes		✓	Rear and right-hand-sideview
790 mm (31") HD triple grouser shoes		✓	360° visibility
2980 mm (9'9") blade		✓	Right-hand handrail and hand
3170 mm (10'5") blade		✓	Service platform with anti-skie and countersunk bolts
OOMS, STICKS AND LINKAGES			Hydraulic lock out lever neutr
5.7 m (18'8") Reach boom	✓		all controls
5.7 m (18'8") HD Reach boom		✓	Ground-level accessible second
2.9 m (9'6") Reach stick	✓		engine shutoff switch in cab
2.9 m (9'6") HD Reach stick		✓	Signaling/warning horn
Bucket linkage, B1 family without lifting	✓		Lockable disconnect switch
eye, Cat Grade			Shovel crane package
Bucket linkage, B1 family with lifting		✓	Operator Protective Guards
hook for shovel crane			Inspection lighting

^{**}Not compatible with blade.

	Standard	Optional
ELECTRICAL SYSTEM		
Maintenance free battery	✓	
LED chassis light, left-hand (LH)/ right-hand (RH) boom lights, cab lights – 1,800 lumens	✓	
Centralized electrical disconnect switch	✓	
Programmable time-delay working lights	✓	
Premium surround lighting package		✓
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S SM) ports	✓	
Grouped location for engine oil and fuel filters	✓	
Ground-level second dipstick for engine oil	✓	
Integrated vehicle health management system	✓	
SAFETY AND SECURITY		
Cat Command (remote control)		✓
2D E-Fence: - E-ceiling - E-floor - E-swing - E-wall - E-cab avoidance	√	
Auto hammer stop	✓	
Rear and right-hand-sideview cameras	✓	
360° visibility		✓
Right-hand handrail and hand hold	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Hydraulic lock out lever neutralizes all controls	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓	
Signaling/warning horn	✓	
Lockable disconnect switch	✓	
Shovel crane package		✓
Operator Protective Guards		√

325 Cab Options

Cab Options

	Comfort	Deluxe	Premium
ROPS	•	•	•
High-resolution 203 mm (8") LCD touchscreen monitor	•	Х	Х
High-resolution 254 mm (10") LCD touchscreen monitor	0	•	•
Auto bi-level air conditioner	•	•	•
Jog dial and shortcut keys for monitor control	•	•	•
Keyless push-to-start engine control	•	•	•
Height-adjustable console	Х	•	•
Height-adjustable console, three steps with tool	•	Х	Х
Tilt-up left-side console	Х	•	•
Fixed left-side console	•	Х	Х
Mechanical-suspension seat	•	Х	Х
Heated air-suspension seat	Х	•	Х
Heated and ventilated air-suspension seat	Х	Х	•
51 mm (2") seat belt	•	•	•
Monitor integrated Bluetooth® radio with USB/Auxilary ports	•	•	•
12V DC outlets	•	•	•
Document storage	•	•	•
Overhead storage and rear storage with nets	Х	•	•
Beverage holder	•	•	•
Cup holder	•	•	•
Openable two-piece front window	•	•	•
One piece front windshield	Х	Х	0
Rear window emergency exit	•	•	•
Radial wiper with washer	•	•	Х
Parallel wiper	Х	Х	•
Openable polycarbonate skylight hatch	Х	•	•
Openable steel hatch	•	Х	Х
Dome and lower LED interior lights	•	•	•
Floor welcome light	•	•	•
Roof sunscreen	Х	•	•
Roller front sunscreen	•	•	•
Roller rear sunscreen	0	0	•
Washable floor mat	•	•	•
Beacon ready	•	•	•
Cat Stick Steer	0	0	0
Auxiliary relay	Х	0	0

_			
	Star	ndar	٠H

O Optional

X Not available

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Rain protector plus cab light cover
- Polycarbonate roof hatch (Comfort cab only)
- Sun visor, slider (Comfort cab only)
- Laminated P5A glass front windshield
- LH/RH electrical pedal for tool control
- Armrest kit
- Seat with 4-point seatbelt capability
- Dual exit rear window kit
- 75 mm (3") retractable seat belt
- Auxiliary relay

GUARDS

- Operator Protective Guards
- Mesh guard full front
- Mesh guard half front
- Full protecting vandalism guard

MAINTENANCE

• Dust hose kit

SAFETY AND SECURITY

- Cat Detect People Detection
- Cat Command Remote control kit
- Seat belt indicator
- Bluetooth key fob

OTHER ATTACHMENTS

- Delayed engine shutdown kit
- · Power clam kit

325 Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.

Engine

- The Cat® C4.4 engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - √ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

- *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Air Conditioning System

• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.8 kg (1.8 lb) of refrigerant which has a CO₂ equivalent of 1.144 metric tonnes (1.261 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
- Barium < 0.01%
- Cadmium < 0.01%
- Chromium < 0.01%
- Lead < 0.01%

Sound Performance

ISO 6395:2008 (external) – 97 dB(A)

ISO 6396:2008 (inside cab) – 70 dB(A)

• Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDOTM Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary.
 Consult your Cat dealer for details.
- Advanced hydraulic systems balance power and efficiency
- Smart mode matches machine power to digging requirements automatically
- Eco mode minimizes fuel consumption for light applications
- Increase operating efficiency up to 45% with standard Cat technologies
- Cut maintenance costs with extended service intervals
- The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval

Recycling

 The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

Material Type	Weight Percentage
Steel	82.67%
Iron	5.61%
Nonferrous Metal	2.68%
Mixed Metal	1.28%
Mixed-Metal and Nonmetal	1.07%
Plastic	1.35%
Rubber	0.08%
Mixed Nonmetallic	0.23%
Fluid	3.33%
Other	1.70%
Uncategorized	0.00%
Total	100%

 A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714:2008 (Earthmoving machinery – Recyclability and recoverability –Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused, or both.

All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714:2008 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

Because of variations of product configurations, the following value in the table may vary.

Recyclability - 98%



325Tunneling Hydraulic Excavator

The Cat® 325 Tunneling Excavator is a specially modified design to meet the harsh conditions of underground applications. The machine features a reinforced upper and lower frame as well as a choice of two specially designed sets of front parts: Mass Excavation and Short Reach for tunneling. Other modifications include silicone sealing for each electrical component, a simplified cab, and specific safety features. The machine can be equipped with a variety of tools, from extreme service buckets to hammers and rotary grinders rotary grinders. A shovel crane system is available to help operators work safely by knowing the load on hand.

Machine Modifications to meet Harsh Working Conditions

- Choice of Tunneling Mass excavation or Short reach front parts to provide high digging forces or work in tight areas.
- Reinforced upper and lower frames to match the toughest conditions found underground.
- All electrical harnesses connections are protected by extra silicone to avoid water entry.
- Simplified cab. Mounting points for fire extinguisher are offered from factory.
- Regulatory features such as extra flashlight for visibility and shovel crane for mass excavation to know load on hand.
- Safety features such as an optional 360° camera and 360° lighting.
- Machine protection including boom light covers and bucket cylinder guard sleeve.
- Standard hammer return filter protects the machine hydraulics in case of hammer seal failure.



Engine		
Engine Model	Cat® C4.4	
Net Power		
ISO 9249	128.5 kW	172 hp
ISO 9249 (DIN)	175 hp (met	ric)
Engine Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (DIN)	176 hp (met	ric)
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.40 L	269 in ³
Biodiesel Capability	Up to B20(1))

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 2,200 rpm
- (1)Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

- *Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).
- **Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

Swing Mechanism Swing Speed 11.12 rpm Maximum Swing Torque 60,480 lbf-ft 82 kN·m Weights Operating Weight 25 000 kg 55,100 lb • Long undercarriage, Mass boom, M2.4 (7'10") stick, XSP 0.80 m³ (1.05 yd³) bucket, 600 mm (24") triple grouser shoes and 4.9 mt

(10,800 lb) counterweight.

Operating Weight 25 100 kg 55,300 lb

• Long undercarriage, Short Reach boom, M3.2 (10'5") stick, HDX 0.90 m³ (1.2 yd³) bucket, 600 mm (24") triple grouser shoes and 4.9 mt (10,800 lb) counterweight.

Track		
Optional Track Shoes Width	600 mm	24 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	
Drive		
Gradashility	259/700/	

Drive		
Gradeability	35°/70%	
Maximum Travel Speed	5.7 km/h	3.5 mph
Maximum Drawbar Pull	201 kN	45,232 lbf
11 1 1 0 1		

Hydraulic System		
Main System – Maximum Flow (Implement)	429 L/min (2 × pumps)	113 gal/min (2 × pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,075 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	27 500 kPa	3,990 psi
Boom Cylinder – Bore	120 mm	5 in
Boom Cylinder – Stroke	1260 mm	50 in
Stick Cylinder – Bore	140 mm	6 in
Stick Cylinder – Stroke	1518 mm	60 in
Bucket Cylinder – Bore	135 mm	5 in
Bucket Cylinder – Stroke	1156 mm	46 in

Service Refill Capacities		
Fuel Tank Capacity	313 L	82.7 gal
Cooling System	11.8 L	3.1 gal
Engine Oil (with filter)	15 L	4.0 gal
Swing Drive (each)	5.5 L	1.5 gal
Final Drive (each)	4.5 L	1.2 gal
Hydraulic System (including tank)	230 L	60.8 gal
Hydraulic Tank	111 L	29.3 gal
DEF Tank	26 L	6.9 gal

Standards	
Brakes	ISO 10265:2008
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.8 kg of refrigerant which has a CO₂ equivalent of 1.144 metric tonnes.

Operating Weights and Ground Pressures

	600 mm (24 in) Triple Grouser Shoes		
	Weight	Ground Pressure	
Base Machine Configurations	kg (lb)	kPa (psi)	
Base Frame with Track Rollers and Carrier Rollers			
4.9 mt (10,800 lb) Counterweight + Long Undercarriage Base Machine			
Mass Boom + M2.4 (7'10") Stick + 0.80 m ³ (1.05 yd ³) XSP Bucket	25 000 kg (55,100 lb)	52 kPa (7.5 psi)	
Short Reach Boom + M3.2 (10'5") Stick + 0.90 m ³ (1.18 yd ³) HDX Bucket	25 100 kg (55,300 lb)	52.2 kPa (7.6 psi)	

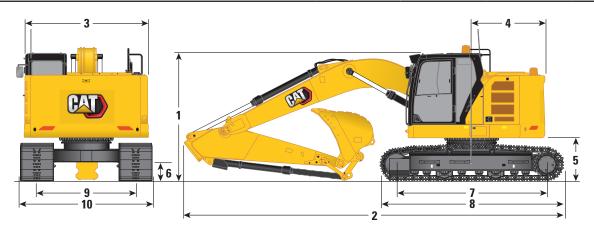
All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

Major Component Weights

	kg	lb
Base Machine Weight (with counterweight, upper frame, undercarriage with track rollers and two boom cylinders – does not include boom, stick, bucket, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg [165 lb] operator).		
For Mass Front	17 000	37,500
For Short Reach Front	16 970	37,400
Track Shoes:		
600 mm (24") Width, 12 mm (0.49") Thick, Triple Grouser Track Shoes	3200	7,000
Two Boom Cylinders for Mass Front	360	800
Two Boom Cylinders for Short Reach Front	340	800
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	330	700
Counterweight:		
4.9 mt (10,800 lb) Counterweight	4900	10,800
Boom (including lines, pins, stick cylinder):		
Mass Boom 5.2 m (7'1")	1940	4,300
Short Reach Boom 4.25 m (13'11")	2140	4,700
Stick (including lines, pins, bucket cylinder, bucket linkage):		
Mass Stick M2.4CB2 (7'10")	1490	3,300
Short Reach Stick M3.2B1 (10'5")	1600	3,500
Bucket (without linkage, with tips and side cutters):		
0.80 m³ (1.05 yd³) XSP CB2 Linkage	1010	2,200
0.90 m ³ (1.18 yd ³) HDX B Linkage	850	1,900
Shovel Crane:		
Hook, Valves and Sensors	60	100
Auxiliary Lines:		
HP Lines for Mass Boom	130	300
HP Lines for Short Reach Boom	120	300
HP Lines for Mass Stick	40	100
HP Lines for Short Reach Stick	50	100
Auxiliary Valves for HP	110	200

Dimensions

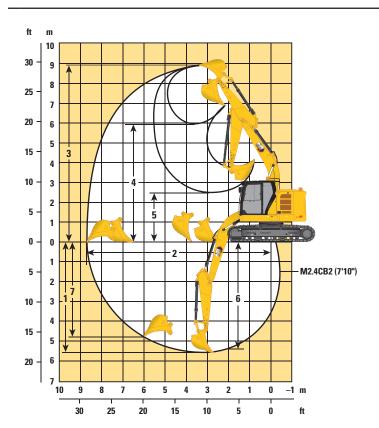
All dimensions are approximate and may vary depending on bucket selection.

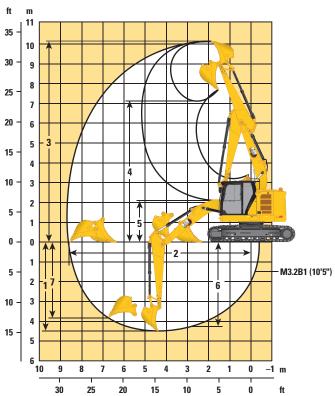


Boom Option	Mass Boom 5.2 m (17'1")		Short Reach 4.25 m (13'11")	
Stick Option	Mass Stick M2.4CB2 (7'10") Short Reach M3.2B1 (10'5")			
1 Machine Height (excludes flash beacon):				
Top of Cab Height	3080 mm	10'1"	3080 mm	10'1"
Top of OPG Height	3220 mm	10'6"	3220 mm	10'6"
Handrail Height	3190 mm	10'5"	3190 mm	10'5"
With Boom/Stick/Bucket Installed	3320 mm	10'11"	3630 mm	11'9"
With Boom/Stick Installed	3150 mm	10'4"	3300 mm	10'8"
With Boom Installed	2740 mm	9'0"	NA	NA
2 Machine Length:				
With Boom/Stick/Bucket Installed	8540 mm	28'0"	6860 mm	22'5"
With Boom/Stick Installed	8500 mm	27'9"	6900 mm	22'6"
With Boom Installed	7270 mm	23'8"	6300 mm	20'7"
3 Upperframe Width	2990 mm	9'8"	2990 mm	9'8"
4 Tail Swing Radius	1780 mm	5'8"	1780 mm	5'8"
5 Counterweight Clearance	1020 mm	3'3"	1020 mm	3'3"
6 Ground Clearance	440 mm	1'5"	440 mm	1'5"
7 Length to Center of Rollers	3650 mm	12'0"	3650 mm	12'0"
8 Track Length	4460 mm	14'6"	4460 mm	14'6"
9 Track Gauge	2380 mm	7'9"	2380 mm	7'9"
10 Undercarriage Width:				
600 mm (24") Shoe	2980 mm	9'8"	2980 mm	9'8"
Bucket Type	XS	XSP		SP
Bucket Capacity	0.80 m^3	1.05 yd³	0.90 m³	1.18 yd³
Bucket Tip Radius	1577 mm	5'2"	1489 mm	4'9"

Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.

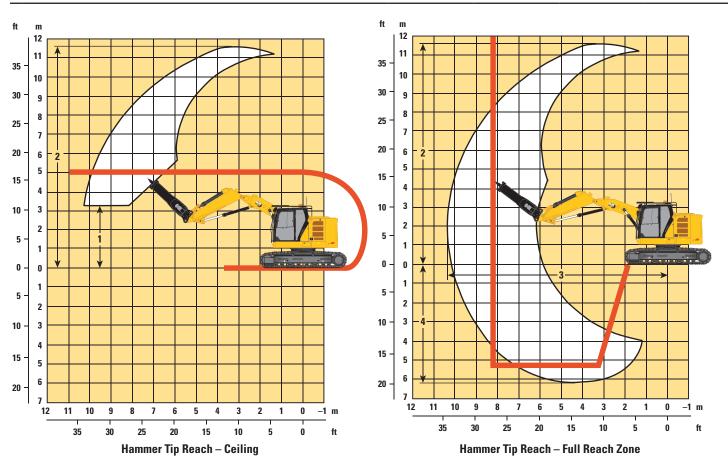




Boom Option	Mass Boom 5.2 m (17'1")		Short Reach 4.25 m (13'11")	
Stick Option	Mass Stick M2.4CB2 (7'10")		Short Reach M3.2B1 (10'5")	
1 Maximum Digging Depth	5600 mm	18'4"	4470 mm	14'7"
2 Maximum Reach at Ground Line	8760 mm	28'7"	8600 mm	28'2"
3 Maximum Cutting Height	8910 mm	29'2"	10 130 mm	33'2"
4 Maximum Loading Height	5940 mm	19'5"	7150 mm	23'5"
5 Minimum Loading Height	2490 mm	8'2"	2100 mm	6'9"
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5400 mm	17'7"	4310 mm	14'1"
7 Maximum Vertical Wall Digging Depth	4820 mm	15'8"	3790 mm	12'4"
Minimum Working Equipment Radius	3440 mm	11'3"	3230 mm	10'6"
Bucket Digging Force (ISO)	188 kN	42 270 lbf	175 kN	39 295 lbf
Stick Digging Force (ISO)	130 kN	29 269 lbf	88 kN	19 693 lbf
Bucket Type	X	XSP		SP
Bucket Capacity	0.80 m ³	1.05 yd³	0.90 m³	1.18 yd³
Bucket Tip Radius	1577 mm	5'2"	1489 mm	4'9"

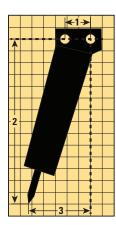
Hammer Working Range Charts – Short Reach

All dimensions are approximate and may vary depending on hammer selection.



1 Cab Height with OPG	3217 mm	10'6"
2 Maximum Upward Reach	11 550 mm	37'10"
3 Maximum Horizontal Reach	10 360 mm	33'11"
4 Maximum Downward Reach	6100 mm	20'

Note: Actual reach zones will vary depending on hammer dimensions.



Hammer Dimensions

1 Pin Spread	445.1 mm	1'5"
2 Vertical Offset from Stick Nose Pin	2751. 4 mm	9'
3 Horizontal Offset from Stick Nose Pin	1050.7 mm	3'5"

Bucket Specifications and Compatibility

									4.9 mt (10,800 lb) Counterweight	
		Wi	idth	Сар	acity	We	eight	Fill	Mass Boom	Short Reach Boom
	Linkage	mm	in	m³	yd³	kg	lb	%	M2.4 (7'10")	M3.2 (10'5")
Pin On (No Coupler)			,	•						
Heavy Duty Excavation	СВ	1060	42	0.80	1.00	1013	2,233	100	•	
	В	1050	41	0.90	1.18	850	1,874	100		•
Maximum load with pin-on (payload + bucket)			kg	3098	2810					
				Maximum load with pin-on (payload + bucket)		lb	6,830	6,195		

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451:2007.

Maximum Material Density:

2100 kg/m³ (3,500 lb/yd³)

Bucket weight with General Duty tips.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

de		
ole in all regions. Consult your Cat dealer for cor	nfigurations available in your region.	
No Match		
	4.9 mt (1	0,800 lb)
	Mass	Short Reach
	M2.4CB2 (7'10")	M3.2B1 (10'5")
H120 S	✓	✓
H130 S	✓	✓
H140 S	✓	
RC20	✓	✓
RC30	✓	✓
	H120 S H130 S H140 S RC20	No Match

CAT PIN GRABBER COUPLER ATTACHN	MENTS		
Counterweight	4.9 mt (10,800 lb)		
Boom Type		Mass	Short Reach
Stick Length		M2.4CB2 (7'10")	M3.2B1 (10'5")
Hydraulic Hammers	H120 S	✓	✓
	H130 S	✓	✓
Rotary Cutters	RC20	✓	✓

325 Tunneling Standard and Optional Equipment

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
CAB		
High-resolution 203 mm (8") LCD touch screen monitor	✓	
High-resolution 254 mm (10") LCD touch screen monitor		✓
Automatic bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Height-adjustable console	✓	
Fixed left-side console	✓	
Mechanical-suspension seat	✓	
51 mm (2") seat belt	✓	
Cab and machine harness connectors sealed with silicone	✓	
Flash light harness	✓	
12V DC outlets	✓	
Document storage	✓	
Beverage holder	✓	
Cup holder	✓	
Lunch box storage	✓	
LED dome light	✓	
Openable two-piece front window	✓	
Radial wiper with washer	✓	
Openable steel hatch	✓	
OPG installation capability	✓	
Roller front sunscreen	✓	
Rear window emergency exit	✓	
Washable floor mat	✓	
Beacon ready	✓	

^{*}Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

	Standard	Optional
TECHNOLOGY		
VisionLink	√*	
VisionLink Productivity		✓
Remote Flash	✓	
Remote Troubleshoot	✓	
Work tool recognition (PL161)	✓	
ENGINE		
Cat® C4.4 single turbo diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
50° C (122° F) high-ambient cooling capacity without derate	✓	
−18° C (0° F) cold start capability	✓	
-32° C (-25° F) cold start capability		✓
Sealed double element air filter with integrated precleaner	✓	
1 × 145 amp dual alternator	✓	
Electric fuel priming pump	✓	
Reversible electric cooling fans	✓	
Two-stage fuel filtration system with water separator and indicator	✓	
HYDRAULIC SYSTEM		
Electric main control valve	✓	
Tool control with selectable one or two way and one or two pumps	✓	
Boom and stick regeneration circuits	✓	
Automatic hydraulic oil warm up	✓	
Automatic two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Tandem type electronic main pump	✓	
Element type main hydraulic filter	✓	
Hammer return filter	✓	

High pressure tool control lines

(continued on next page)

325 Tunneling Standard and Optional Equipment

Standard and Optional Equipment (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
Reinforced long base frame for tunneling, with standard track rollers and standard carrier rollers	✓	
Tie-down points on base frame	✓	
Grease lubricated track	✓	
Segmented track guiding guards	✓	
HD bottom guards	✓	
HD travel motor guards	✓	
4.9 mt (10,800 lb) counterweight	✓	
600 mm (24") triple grouser track shoes	✓	
Reinforced 325 upper frame for tunneling	✓	
BOOMS, STICKS AND LINKAGES		
5.2 m (7'1") Mass boom		✓
2.4 m (7'10") Mass stick		✓
4.25 m (13'11") Short Reach boom		✓
3.2 m (10'5") Mass stick		✓
Bucket linkage, CB2 family with lifting hook for Mass boom		✓
ELECTRICAL SYSTEM		
LED chassis light, left-hand/right-hand boom lights, cab lights – 1,800 lumens	✓	
Centralized electrical disconnect switch	✓	
Programmable time delay working lights after engine shutdown	✓	
Premium surround lighting package		✓

	Standard	Optional
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S SM) ports	✓	
Grouped location for engine oil and fuel filters	✓	
Ground-level second dipstick for engine oil	✓	
SAFETY AND SECURITY		
Rear and right-hand-sideview cameras for tunneling	✓	
360° visibility for tunneling**		✓
360° visibility for OPG, for tunneling***		✓
Right-hand handrail and hand hold	✓	
Service platform with anti-skid plate and countersunk bolts	✓	
Hydraulic lock out lever neutralizes all controls	✓	
Secondary engine shutoff switch in cab	✓	
Signaling/warning horn	✓	
Shovel crane package		✓
Flash beacon on counterweight	✓	
Lockable disconnect switch	✓	

^{**}Must be used with 254 mm (10") monitor and cab light with cover.

^{***}Must be used with OPG guard, 254 mm (10") monitor and cab light with cover.

325 Tunneling Attachments

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Rain protector plus cab light cover
- Polycarbonate roof hatch
- · Sun visor, slider
- · Laminated P5A glass front windshield
- LH/RH electrical pedal for tool control
- · Armrest kit
- Seat with 4-point seatbelt capability
- Dual exit rear window kit
- 75 mm (3") retractable seat belt
- · Auxiliary relay

GUARDS

- Operator Protective Guards
- Mesh guard full front
- · Mesh guard half front
- Full protecting vandalism guard

MAINTENANCE

· Dust hose kit

SAFETY AND SECURITY

- · Remote control kit
- · Seat belt indicator
- · Bluetooth key fob

OTHER ATTACHMENTS

- · Delayed engine shutdown kit
- · Power clam kit

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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Based on the Labor, Safety and Health Laws in Japan, employer of small construction equipment are required to provide specific training for all operators on machines with machine weight less than 3 metric ton. For machines greater than 3 metric ton, operator needs to obtain operator license certification from a Government approved registered training school.

AEXQ2733-06 (10-2023) Replaces AEXQ2733-05 Build Number: 07E (Japan)

