

352 UHD

Hydraulic 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® C13	
Net Power		
ISO 9249	302.2 kW	405 hp
ISO 9249 (DIN)	411 hp (metric)	
Engine Power		
ISO 14396	303 kW	406 hp
ISO 14396 (DIN)	412 hp (metric)	
Bore	130 mm	5 in
Stroke	157 mm	6 in
Displacement	12.5 L	763 in^3

- Meets U.S. EPA Tier 3 and EU Stage IIIA emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 2600 m (8,530 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 1,800 rpm.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to
  - ✓ 100% 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.

**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.*

Engine RPM

Operation	1,650 rpm
Travel	1,800 rpm

Swing Mechanism

Swing Speed (UHD)	4.4 rpm	
Swing Speed (Retrofit)	8.44 rpm	
Maximum Swing Torque (Dynamic)	150 kN·m	111,000 lbf·ft
Maximum Swing Torque (Static)	189 kN·m	139,000 lbf·ft

Weights

Operating Weight	64 500 kg	142,200 lb

- Hydraulic Variable Gauge undercarriage, 28 m (91'10") UHD front, 600 mm (24") triple grouser shoes, 12.0 mt (26,455 lb) counterweight.

Operating Weight	65 000 kg	143,300 lb

- Hydraulic Variable Gauge undercarriage, 28 m (91'10") UHD front, 700 mm (28") triple grouser shoes, 12.0 mt (26,455 lb) counterweight.

Operating Weight	63 200 kg	139,300 lb

- Hydraulic Variable Gauge undercarriage, Retrofit boom, R3.35 m TB (10'6") stick, Heavy Duty (HD) 2.9 m^3 (3.79 yd^3) bucket, 600 mm (24") triple grouser shoes, 12.0 mt (26,455 lb) counterweight.

Operating Weight	63 400 kg	139,800 lb

- Hydraulic Variable Gauge undercarriage, Retrofit boom, R3.9 m TB (12'10") stick, HD 2.9 m^3 (3.79 yd^3) bucket, 600 mm (24") triple grouser shoes, 12.0 mt (26,455 lb) counterweight.

Track

Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Number of Shoes (each side)	56	
Number of Track Rollers (each side)	10	
Number of Carrier Rollers (each side)	3 Long Carriage-Variable Guage (LC-VG)	

Drive

Maximum Gradeability	35°/70%	
Maximum Travel Speed	4.5 km/h	2.8 mph
Maximum Drawbar Pull	340 kN	76,435 lbf

Hydraulic System

Main System – Maximum Flow – Implement	779 L/min (389 × 2 pumps)	206 gal/min (103 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	26 000 kPa	3,771 psi
Base Boom Cylinder – Bore	170 mm	7 in
Base Boom Cylinder – Stroke	1524 mm	60 in
Fore Boom Cylinder – Bore	190 mm	7 in
Fore Boom Cylinder – Stroke	1758 mm	69 in
UHD Stick Cylinder – Bore	170 mm	7 in
UHD Stick Cylinder – Stroke	1550 mm	61 in
UHD Bucket Cylinder – Bore	140 mm	6 in
UHD Bucket Cylinder – Stroke	1100 mm	43 in
Retrofit Front Stick Cylinder – Bore	190 mm	7 in
Retrofit Front Stick Cylinder – Stroke	1758 mm	69 in
TB Bucket Cylinder – Bore	160 mm	6 in
TB Bucket Cylinder – Stroke	1356 mm	53 in

Service Refill Capacities

Fuel Tank Capacity	715 L	188.9 gal
Cooling System	52 L	13.7 gal
Engine Oil (with filter)	40 L	10.6 gal
Swing Drive	10.5 L	2.8 gal
Final Drive (each)	9.5 L	2.5 gal
Hydraulic System (including tank)	550 L	145.3 gal
Hydraulic Tank (including suction pipe)	217 L	57.3 gal

Standards

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

Sound Performance

ISO 6395:2008 (external)	107 dB(A)
ISO 6396:2008 (inside cab)	75 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Cat machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.

- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.

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

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - If equipped with R134a (Global Warming Potential = 1430), the system contains 1.0 kg (2.2 lb) of refrigerant which has a CO_2 equivalent of 1.430 metric tonnes (1.576 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.85 kg (1.87 lb) of refrigerant which has a CO_2 equivalent of 0.001 metric tonnes (0.001 tons).

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Operating Weights and Ground Pressures

Base Machine Configurations	600 mm (24") Triple Grouser Shoes		700 mm (28") Triple Grouser Shoes	
	Weight	Ground Pressure	Weight	Ground Pressure
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Base Frame with Single Flange Track Rollers and Carrier Rollers				
12.0 mt (26,455 lb) Counterweight + Hydraulic Variable Gauge Undercarriage Base Machine				
28 m (91'10") UHD Front (Base Boom, Nose Boom, Fore Boom) + 9.1 m (29'9") UHD Stick, Dedicated C Linkage	64 500 (130,100)	102.9 (14.9)	65 000 (131,300)	88.9 (12.9)
Retrofit Boom (Base Boom, Retrofit Boom) + R3.35 m TB (11'0") Stick + HD 2.9 m³ (3.79 yd³) bucket	63 200 (130,100)	100.8 (14.6)	63 700 (130,400)	87.1 (12.6)
Retrofit Boom (Base Boom, Retrofit Boom) + R3.9 m TB (12'10") Stick + HD 2.9 m³ (3.79 yd³) bucket	63 400 (130,100)	101.1 (14.7)	63 900 (130,400)	87.4 (12.7)

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

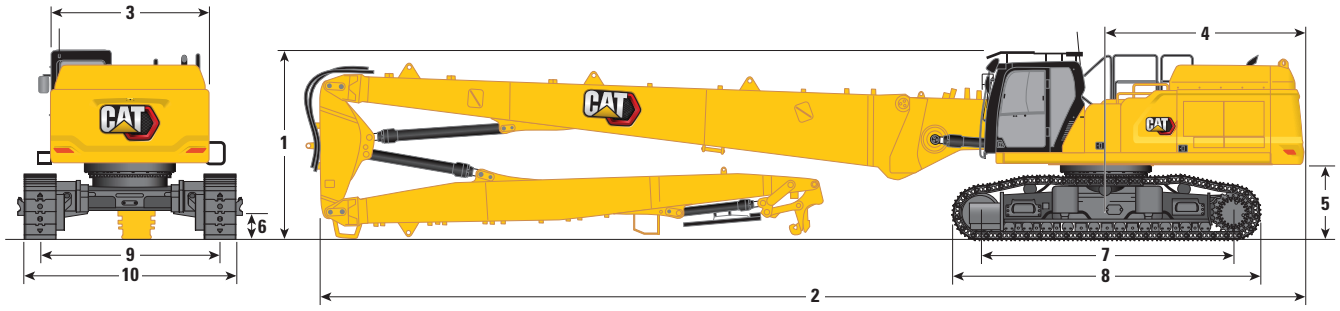
Major Component Weights

	kg	lb
Base Machine with 12.0 mt (26,455 lb) counterweight, upper frame, base frame, hydraulic variable gauge undercarriage with track rollers and carrier rollers – does not include base boom, stick, bucket, boom, boom cylinders, stick cylinder, bucket cylinder, tracks, 90% fuel tank and 75 kg (165 lb) operator.	43 680	96,290
Track Shoes:		
600 mm (24") Triple Grouser Track Shoes	5700	12,560
700 mm (28") Triple Grouser Track Shoes	6240	13,750
Two Boom Cylinders	920	2,020
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	630	1,380
Counterweight:		
12.0 mt (26,455 lb) Counterweight	12 000	26,460
Swing Frame:		
UHD Swing Frame	4360	9,610
Undercarriage:		
Base Frame with Single Flange Track Rollers and Carrier Rollers for Hydraulic Variable Gauge Undercarriage	18 700	41,230
Booms (including lines, pins, stick cylinder):		
UHD and Retrofit Base Boom	3210	7,070
UHD Nose Boom	4980	10,970
UHD Fore Boom Cylinder	660	1,450
UHD Fore Boom	1150	2,540
UHD Stick Cylinder	460	1,010
Retrofit Boom	3850	8,480
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
UHD Stick 9.1 m (29'9") for Dedicated C Linkage	3100	6,840
Reach Stick R3.35 m TB (11'0') for Retrofit Boom	2510	5,540
Reach Stick R3.9 m TB (12'10") for Retrofit Boom	2660	5,870
Bucket for Retrofit Front (without linkage, with tips and side cutters):		
2.9 m^3 (3.79 yd^3) HD for TB	2720	6,000
Quick Couplers (QC):		
CW Dedicated QC for UHD front	310	680
CW Dedicated QC	770	1,690
Pin Grabber QC	1060	2,340
Fronts with Cradle:		
28 m (91'10") UHD front	11 800	26,000
R3.35 m (11'0') Retrofit Boom	7230	15,950
R3.9 m (12'10") Retrofit Boom	7400	16,320
Cradle Only:		
Cradle for UHD Front or Retrofit Boom with R3.35 m (11'0") Stick	870	1,930
Cradle for Retrofit Boom with R3.9 m (12'10") Stick	890	1,970

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Dimensions

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

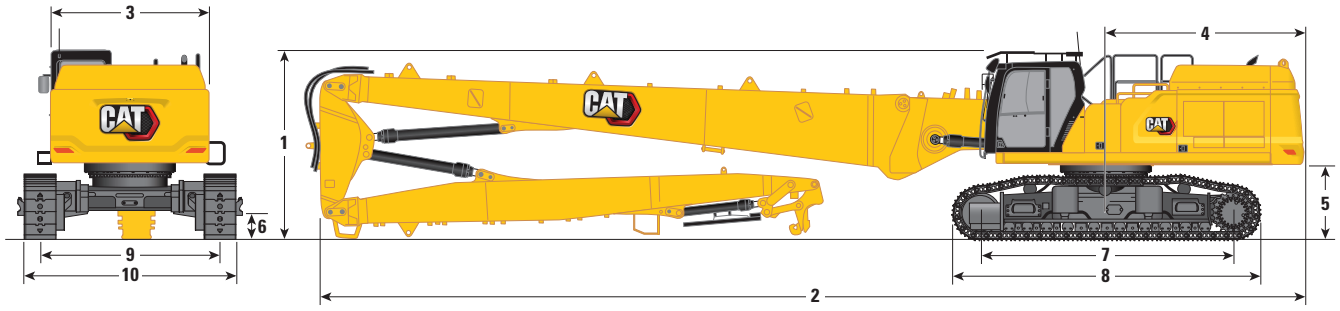


Boom Option	UHD Boom 28 m (91'10")	
Stick Option	**UHD Stick 9.1 m (29'10")**	
1 Machine Height:		
Cab Height	3390 mm	11'1"
OPG Height	3592 mm	11'9"
Handrail Height	3495 mm	11'5"
With Boom/Stick/Bucket Installed (with/without auxiliary lines and without work tool for UHD front)	3300 mm	10'9"
2 Machine Length:		
With Boom/Stick/Bucket Installed (with/without auxiliary lines and without work tool for UHD front)	18 830 mm	61'9"
With Base Machine and Base Boom (without nose/fore boom, stick, bucket, counterweight)	7600 mm	24'11"
With Base Machine and Boom Cylinder (without base/nose boom, stick, counterweight)	6450 mm	21'2"
With Base Machine and Base Boom with Counterweight (without nose/fore boom, stick, bucket)	7770 mm	25'5"
3 Upperframe Width without Handles	3020 mm	9'10"
4 Tail Swing Radius	3760 mm	12'4"
5 Counterweight Clearance without Shoe Lug	1400 mm	4'7"
Counterweight Clearance with Shoe Lug	1435 mm	4'8"
6 Ground Clearance without Shoe Lug	510 mm	1'8"
7 Length to Center of Rollers	4770 mm	15'7"

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Dimensions *(continued)*

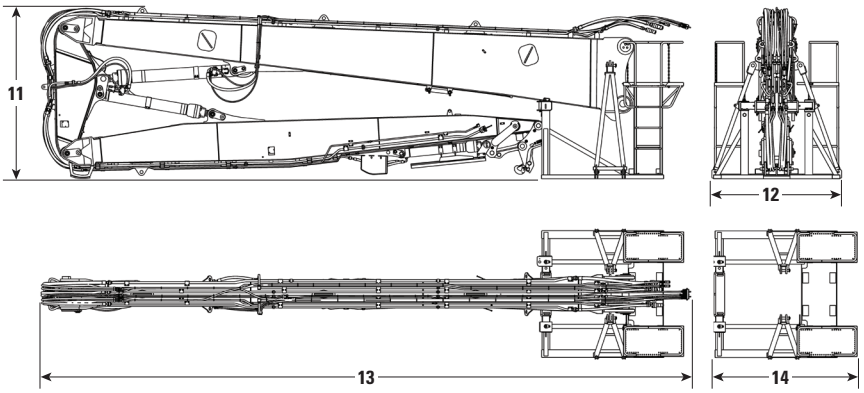
All dimensions are approximate and may vary depending on bucket selection.



Boom Option	UHD Boom	
Stick Option	**UHD Stick**	
	9.1 m (29'10")	
8 Track Length	5770 mm	18'11"
9 Track Gauge:		
Retracted with Triple Grouser Shoes	2400 mm	7'10"
Extended with Triple Grouser Shoes	3400 mm	11'1"
10 Undercarriage Width – Retracted (with steps):		
600 mm (24") Shoes	3255 mm	10'8"
700 mm (28") Shoes	3255 mm	10'8"
Undercarriage Width – Retracted (without steps):		
600 mm (24") Shoes	3000 mm	9'10"
700 mm (28") Shoes	3100 mm	10'2"
Undercarriage Width – Extended (with steps):		
600 mm (24") Shoes	4255 mm	13'11"
700 mm (28") Shoes	4255 mm	13'11"
Undercarriage Width – Extended (without steps):		
600 mm (24") Shoes	4000 mm	13'1"
700 mm (28") Shoes	4100 mm	13'5"

Transportation Dimensions: UHD Front		
	9.1 m (29'10")	
11 Height*	3300 mm	10'10"
12 Width	2500 mm	8'2"
13 Length*	12 390 mm	40'7"
14 Length of Cradle only	2784 mm	9'1"

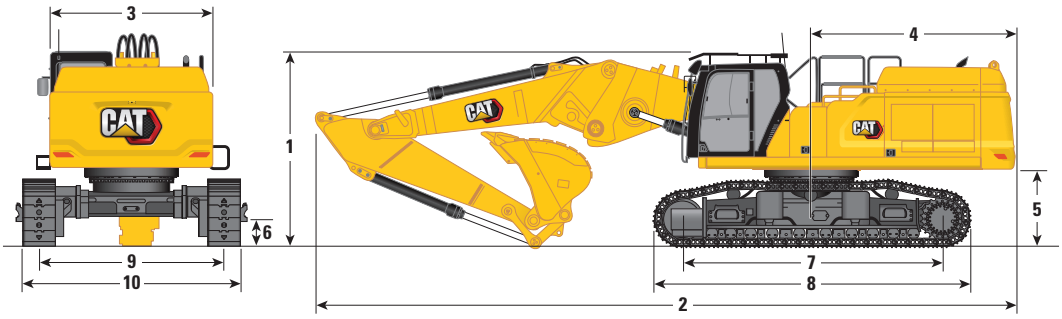
*With or without quick coupler



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Dimensions *(continued)*

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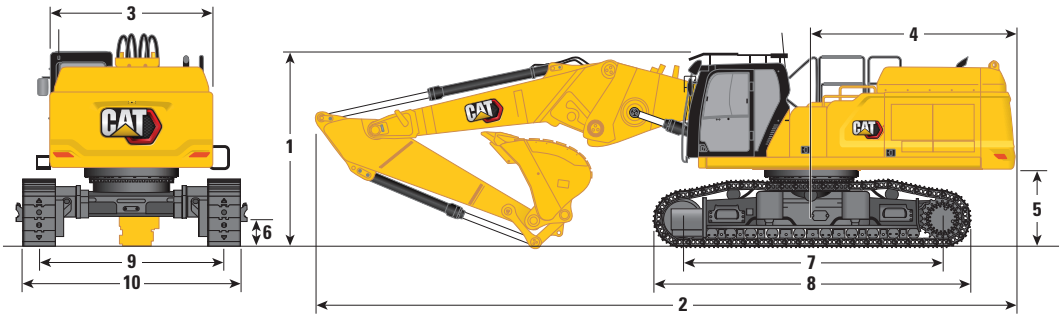


Boom Option	Retrofit Boom (straight position)			
Stick Options	Retrofit Stick			
	R3.9TB (12'10")		R3.35TB (11'0")	
1 Machine Height:				
Cab Height	3390 mm	11'1"	3390 mm	11'1"
OPG Height	3592 mm	11'9"	3592 mm	11'9"
Handrail Height	3495 mm	11'5"	3495 mm	11'5"
With Boom/Stick/Bucket Installed (with/without auxiliary lines)	4520 mm	14'9"	4010 mm	13'1"
2 Machine Length:				
With Boom/Stick/Bucket Installed (with/without auxiliary lines)	12 700 mm	41'8"	12 820 mm	42'0"
With Base Machine and Base Boom (without nose/fore boom, stick, bucket, counterweight)	7600 mm	24'11"	7600 mm	24'11"
With Base Machine and Boom Cylinder (without base/nose boom, stick, counterweight)	6450 mm	21'2"	6450 mm	21'2"
With Base Machine and Base Boom with Counterweight (without nose/fore boom, stick, bucket)	7770 mm	25'5"	7770 mm	25'5"
3 Upperframe Width without Handles	3020 mm	9'10"	3020 mm	9'10"
4 Tail Swing Radius	3760 mm	12'4"	3760 mm	12'4"
5 Counterweight Clearance without Shoe Lug	1400 mm	4'7"	1400 mm	4'7"
Counterweight Clearance with Shoe Lug	1435 mm	4'8"	1435 mm	4'8"
6 Ground Clearance without Shoe Lug	510 mm	1'8"	510 mm	1'8"
7 Length to Center of Rollers	4770 mm	15'7"	4770 mm	15'7"
Bucket Type	HD		HD	
Bucket Capacity	2.9 m^3	3.79 yd^3	2.9 m^3	3.79 yd^3
Bucket Tip Radius	1912 mm	6'3"	1912 mm	6'3"

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Dimensions *(continued)*

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

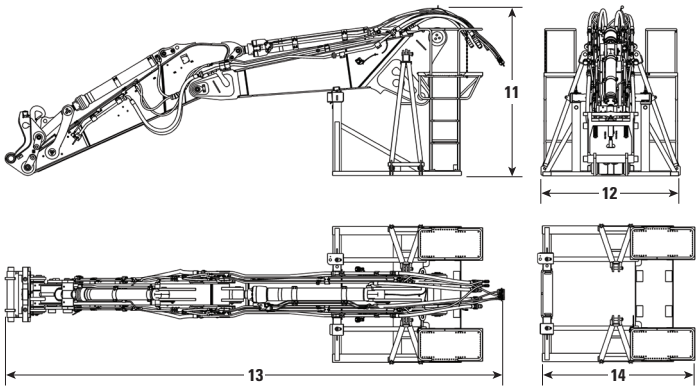


Boom Option	Retrofit Boom (straight position)			
Stick Options	**Retrofit Stick**			
	R3.9TB (12'10")		**R3.35TB (11'0")**	
8 Track Length	5770 mm	18'11"	5770 mm	18'11"
9 Track Gauge:				
Retracted with Triple Grouser Shoes	2400 mm	7'10"	2400 mm	7'10"
Extended with Triple Grouser Shoes	3400 mm	11'1"	3400 mm	11'1"
10 Undercarriage Width – Retracted (with steps):				
600 mm (24") Shoes	3255 mm	10'8"	3255 mm	10'8"
700 mm (28") Shoes	3255 mm	10'8"	3255 mm	10'8"
Undercarriage Width – Retracted (without steps):				
600 mm (24") Shoes	3000 mm	9'10"	3000 mm	9'10"
700 mm (28") Shoes	3100 mm	10'2"	3100 mm	10'2"
Undercarriage Width – Extended (with steps):				
600 mm (24") Shoes	4255 mm	13'11"	4255 mm	13'11"
700 mm (28") Shoes	4255 mm	13'11"	4255 mm	13'11"
Undercarriage Width – Extended (without steps):				
600 mm (24") Shoes	4000 mm	13'1"	4000 mm	13'1"
700 mm (28") Shoes	4100 mm	13'5"	4100 mm	13'5"
Bucket Type	HD		HD	
Bucket Capacity	2.9 m^3	3.79 yd^3	2.9 m^3	3.79 yd^3
Bucket Tip Radius	1912 mm	6'3"	1912 mm	6'3"

Transportation Dimensions:
Retrofit Front – Straight Position

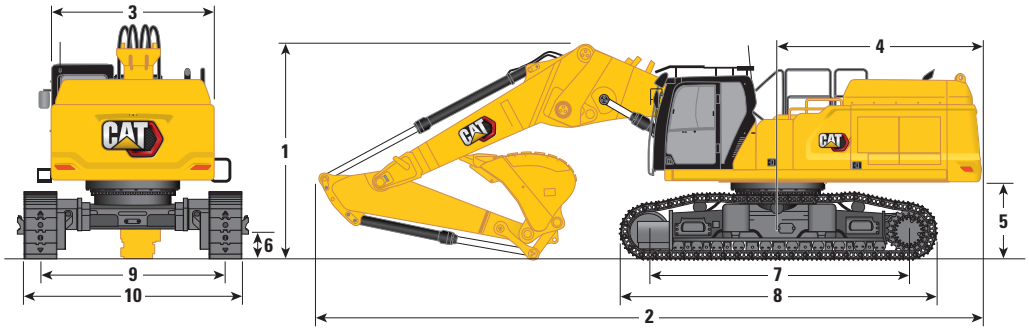
	R3.9TB (12'10")		R3.35TB (11'0")	
11 Height*	3000 mm	9'10"	2700 mm	8'10"
12 Width	2500 mm	8'2"	2500 mm	8'2"
13 Length*	9110 mm	29'11"	8580 mm	28'2"
14 Length of Cradle only	2784 mm	9'2"	2784 mm	9'2"

*With CW Dedicated QC



Dimensions *(continued)*

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

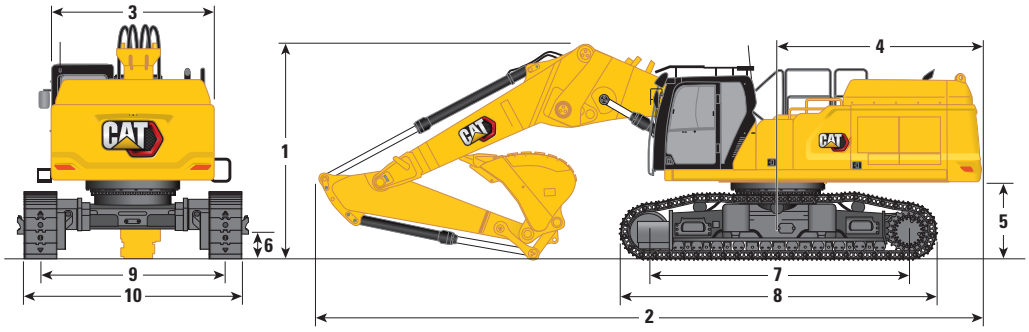


Boom Option	Retrofit Boom (bent position)			
Stick Options	Retrofit Stick			
	R3.9TB (12'10")		R3.35TB (11'0")	
1 Machine Height:				
Cab Height	3390 mm	11'1"	3390 mm	11'1"
OPG Height	3592 mm	11'9"	3592 mm	11'9"
Handrail Height	3495 mm	11'5"	3495 mm	11'5"
With Boom/Stick/Bucket Installed (with/without auxiliary lines)	4600 mm	15'1"	4060 mm	13'3"
2 Machine Length:				
With Boom/Stick/Bucket Installed (with/without auxiliary lines)	12 170 mm	39'11"	12 030 mm	39'5"
With Base Machine and Base Boom (without nose/fore boom, stick, bucket, counterweight)	7600 mm	24'11"	7600 mm	24'11"
With Base Machine and Boom Cylinder (without base/nose boom, stick, counterweight)	6450 mm	21'1"	6450 mm	21'1"
With Base Machine and Base Boom with Counterweight (without nose/fore boom, stick, bucket)	7700 mm	25'3"	7770 mm	25'5"
3 Upperframe Width without Handles	3020 mm	9'10"	3020 mm	9'10"
4 Tail Swing Radius	3760 mm	12'4"	3760 mm	12'4"
5 Counterweight Clearance without Shoe Lug	1400 mm	4'7"	1400 mm	4'7"
Counterweight Clearance with Shoe Lug	1435 mm	4'8"	1435 mm	4'8"
6 Ground Clearance without Shoe Lug	510 mm	1'8"	510 mm	1'8"
7 Length to Center of Rollers	4770 mm	15'7"	4770 mm	15'7"
Bucket Type	HD		HD	
Bucket Capacity	2.9 m^3	3.79 yd^3	2.9 m^3	3.79 yd^3
Bucket Tip Radius	1912 mm	6'3"	1912 mm	6'3"

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Dimensions *(continued)*

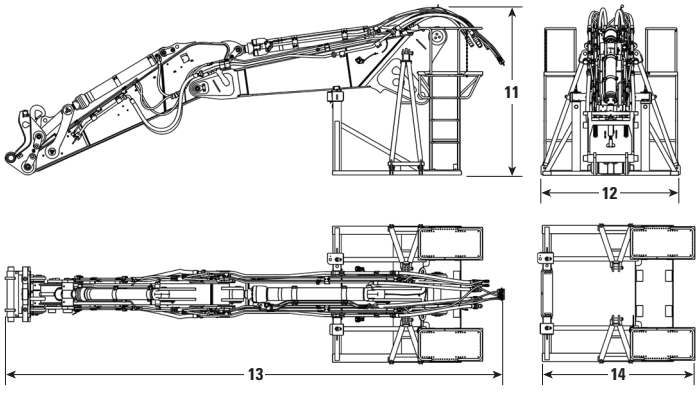
All dimensions are approximate and may vary depending on bucket selection.



Boom Option		Retrofit Boom (bent position)			
Stick Options		Retrofit Stick			
		R3.9TB (12'10")		R3.35TB (11'0")	
8	Track Length	5770 mm	18'11"	5770 mm	18'11"
9	Track Gauge:				
	Retracted with Triple Grouser Shoes	2400 mm	7'10"	2400 mm	7'10"
	Extended with Triple Grouser Shoes	3400 mm	11'1"	3400 mm	11'1"
10	Undercarriage Width – Retracted (with steps):				
	600 mm (24") Shoes	3255 mm	10'8"	3255 mm	10'8"
	700 mm (28") Shoes	3255 mm	10'8"	3255 mm	10'8"
	Undercarriage Width – Retracted (without steps):				
	600 mm (24") Shoes	3000 mm	9'10"	3000 mm	9'10"
	700 mm (28") Shoes	3100 mm	10'2"	3100 mm	10'2"
	Undercarriage Width – Extended (with steps):				
	600 mm (24") Shoes	4255 mm	13'11"	4255 mm	13'11"
	700 mm (28") Shoes	4255 mm	13'11"	4255 mm	13'11"
	Undercarriage Width – Extended (without steps):				
	600 mm (24") Shoes	4000 mm	13'1"	4000 mm	13'1"
	700 mm (28") Shoes	4100 mm	13'5"	4100 mm	13'5"
Bucket Type		HD		HD	
Bucket Capacity		2.9 m^3	3.79 yd^3	2.9 m^3	3.79 yd^3
Bucket Tip Radius		1912 mm	6'3"	1912 mm	6'3"

Transportation Dimensions: Retrofit Front – Bent Position		R3.9TB (12'10")		R3.35TB (11'0")	
11	Height*	3000 mm	9'10"	2700 mm	8'10"
12	Width	2500 mm	8'2"	2500 mm	8'2"
13	Length*	9110 mm	29'10"	8580 mm	28'1"
14	Length of Cradle only	2784 mm	9'1"	2784 mm	9'1"

*With CW Dedicated QC

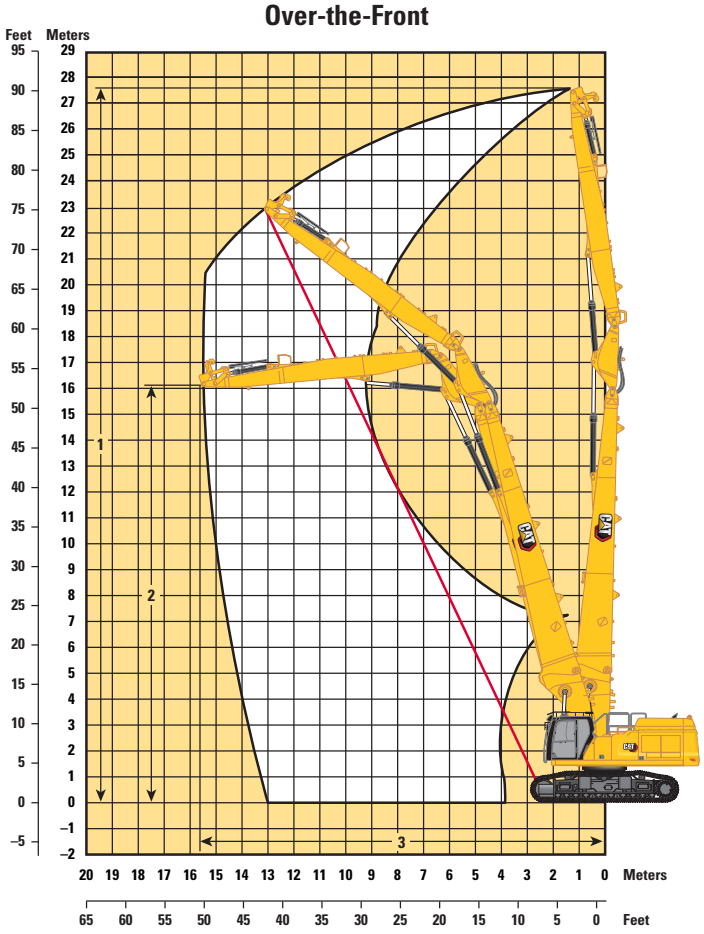


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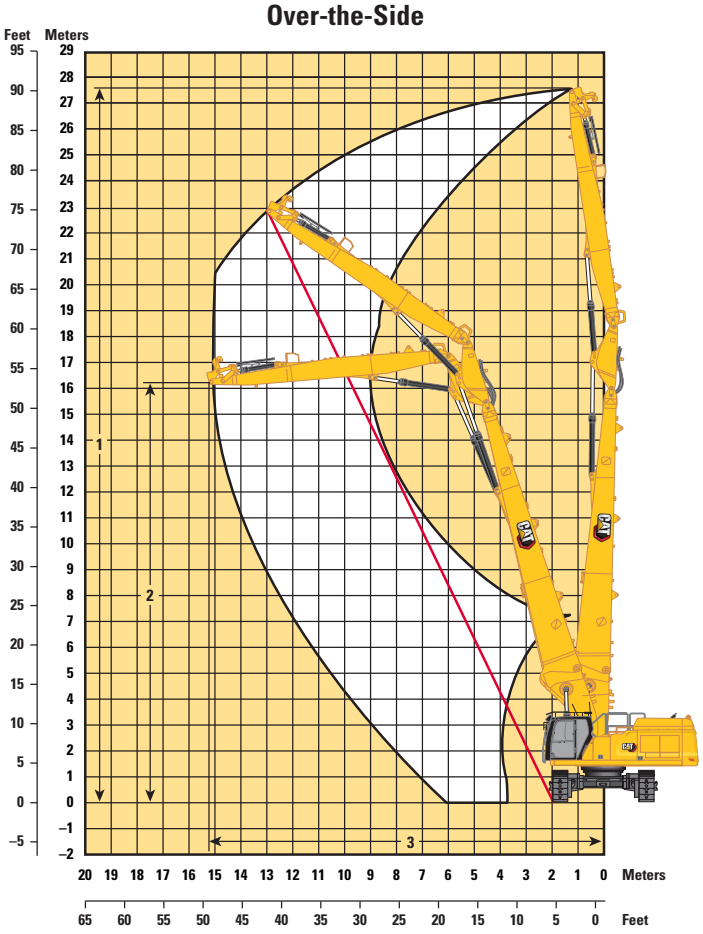
Working Ranges and Forces

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

Over-the-Front



Over-the-Side

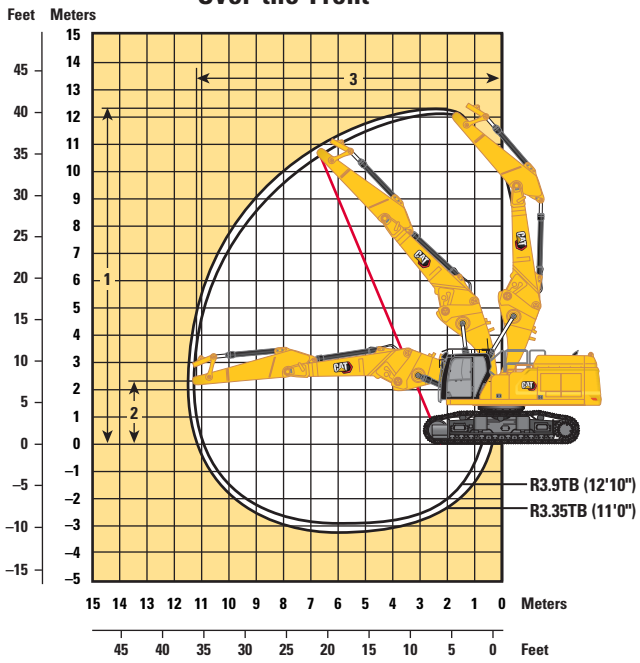


Boom Option	UHD Boom	
Stick Option	**UHD Stick**	
	9.1 m (29'10")	
Over-the-Front:		
1 Maximum Pin Height at Stick Nose	27 670 mm	90'9"
Maximum Weight at Stick Nose	3700 kg	8,200 lb
2 Maximum Height at Stick Nose in Maximum Reach Position	16 110 mm	52'10"
3 Maximum Reach at Stick Nose	15 770 mm	51'9"
Over-the-Side:		
1 Maximum Pin Height at Stick Nose	27 670 mm	90'9"
Maximum Weight at Stick Nose	3700 kg	8,200 lb
2 Maximum Height at Stick Nose in Maximum Reach Position	16 220 mm	53'3"
3 Maximum Reach at Stick Nose	15 210 mm	49'11"

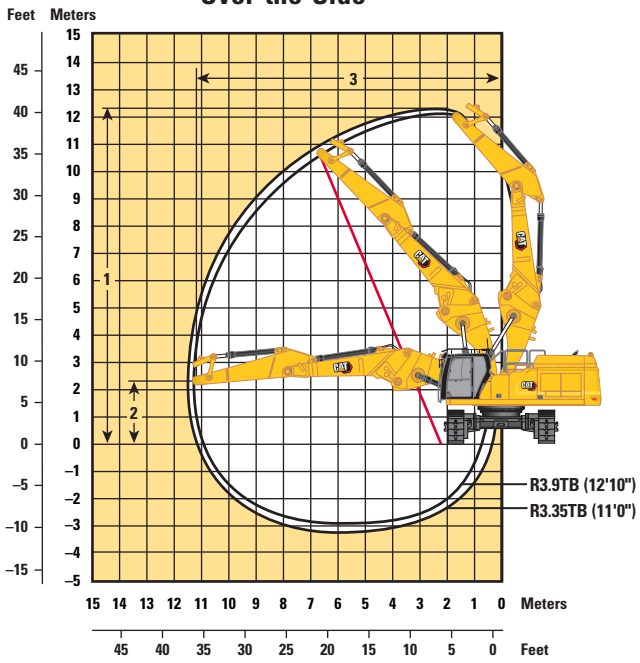
Working Ranges and Forces *(continued)*

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

Over-the-Front



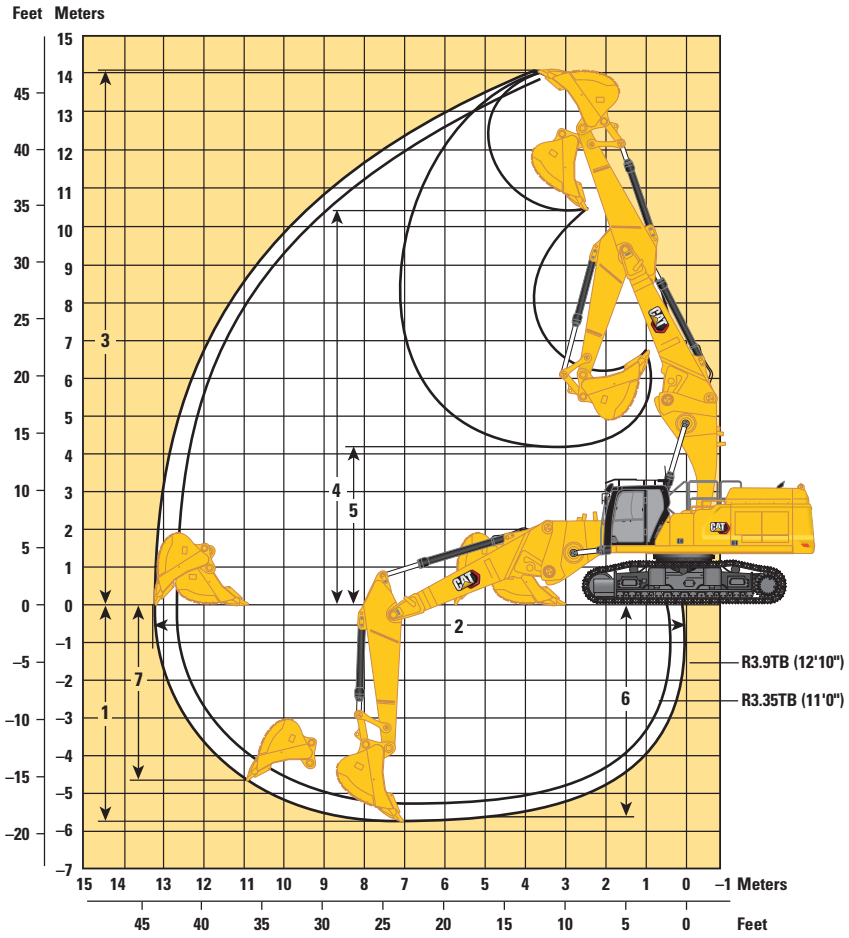
Over-the-Side



Boom Option	Retrofit Boom (straight position)			
Stick Options	**R3.9TB (12'10")**		**R3.35TB (11'0")**	
Over-the-Front:				
1 Maximum Pin Height at Stick Nose	12 350 mm	40'6"	12 130 mm	39'10"
Maximum Weight at Stick Nose	5730 kg	12,600 lb	5982 kg	13,200 lb
2 Maximum Height at Stick Nose in Maximum Reach Position	2337 mm	7'8"	2337 mm	7'8"
3 Maximum Reach at Stick Nose	11 580 mm	38'0"	11 130 mm	36'6"
Over-the-Side:				
1 Maximum Pin Height at Stick Nose	12 350 mm	40'6"	12 130 mm	39'10"
Maximum Weight at Stick Nose	5730 kg	12,600 lb	5982 kg	13,200 lb
2 Maximum Height at Stick Nose in Maximum Reach Position	2337 mm	7'8"	2337 mm	7'8"
3 Maximum Reach at Stick Nose	11 580 mm	38'0"	11 130 mm	36'6"

Working Ranges and Forces *(continued)*

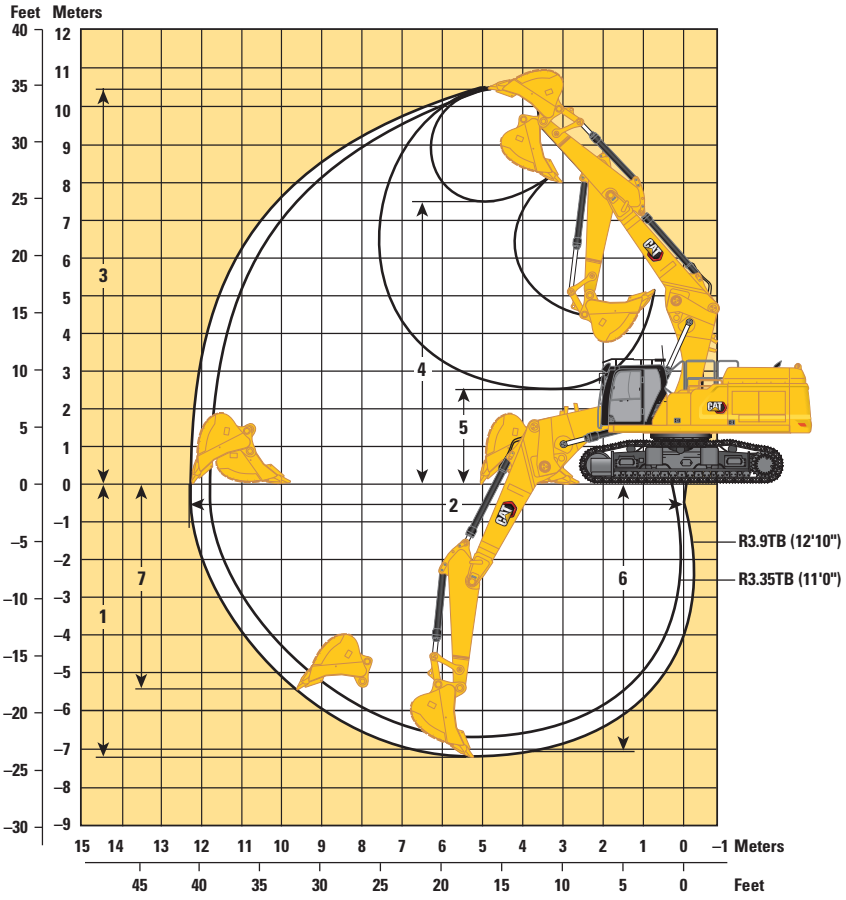
All dimensions are approximate and may vary depending on bucket selection.



Boom Option	Retrofit Boom (straight position)			
Stick Options	Retrofit Stick			
	R3.9TB (12'10")		R3.35TB (11'0")	
1 Maximum Digging Depth	5760 mm	18'11"	5210 mm	17'1"
2 Maximum Reach at Ground Line	13 280 mm	43'7"	12 830 mm	42'1"
3 Maximum Cutting Height	14 100 mm	46'3"	13 930 mm	45'8"
4 Maximum Loading Height	10 430 mm	34'3"	10 220 mm	33'6"
5 Minimum Loading Height	4010 mm	13'2"	4550 mm	14'11"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	5630 mm	18'6"	5060 mm	16'7"
7 Maximum Vertical Wall Digging Depth	4750 mm	15'7"	4250 mm	13'11"
Bucket Digging Force (ISO)	266 kN	59,800 lbf	266 kN	59,800 lbf
Stick Digging Force (ISO)	184 kN	41,360 lbf	200 kN	44,960 lbf
Bucket Type	HD		HD	
Bucket Capacity	2.90 m^3	3.79 yd^3	2.90 m^3	3.79 yd^3
Bucket Tip Radius	1912 mm	6'3"	1912 mm	6'3"

Working Ranges and Forces *(continued)*

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

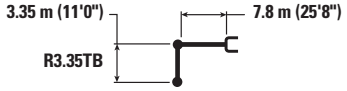


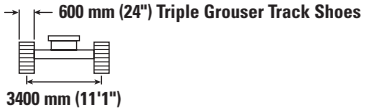
Boom Option	Retrofit Boom (bent position)			
Stick Options	Retrofit Stick			
	R3.9TB (12'10")		R3.35TB (11'0")	
1 Maximum Digging Depth	7250 mm	23'9"	6700 mm	22'0"
2 Maximum Reach at Ground Line	12 300 mm	40'4"	11 910 mm	39'1"
3 Maximum Cutting Height	10 540 mm	34'7"	10 690 mm	35'1"
4 Maximum Loading Height	7410 mm	24'4"	7470 mm	24'6"
5 Minimum Loading Height	2470 mm	8'1"	3020 mm	9'11"
6 Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	7120 mm	23'4"	6550 mm	21'6"
7 Maximum Vertical Wall Digging Depth	5460 mm	17'11"	5370 mm	17'7"
Bucket Digging Force (ISO)	266 kN	59,800 lbf	266 kN	59,800 lbf
Stick Digging Force (ISO)	184 kN	41,360 lbf	200 kN	44,960 lbf
Bucket Type	HD		HD	
Bucket Capacity	2.90 m^3	3.79 yd^3	2.90 m^3	3.79 yd^3
Bucket Tip Radius	1912 mm	6'3"	1912 mm	6'3"

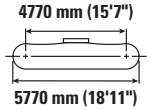
352 UHD Hydraulic Excavator Specifications

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm **ft/in**
12 000 mm **40'0"**	kg **lb**											*11 650 ****	*11 650 ****	5390
10 500 mm **35'0"**	kg **lb**			*14 250 ***31,050**	*14 250 ***31,050**	*9650 ****	*9650 ****					*9550 ***21,350**	*9550 ***21,350**	7520 **24'0"**
9000 mm **30'0"**	kg **lb**			*14 350 ***31,650**	*14 350 ***31,650**	*14 050 ***30,250**	*14 050 ***30,250**					*8650 ***19,150**	*8650 ***19,150**	8900 **28'9"**
7500 mm **25'0"**	kg **lb**			*15 650 ***34,100**	*15 650 ***34,100**	*15 600 ***33,850**	*15 600 ***33,850**	*13 500 ***28,050**	12 900 **27,700**			*8200 ***18,100**	*8200 ***18,100**	9860 **32'1"**
6000 mm **20'0"**	kg **lb**	*26 350 ***56,700**	*26 350 ***56,700**	*20 050 ***43,300**	*20 050 ***43,300**	*16 450 ***35,650**	*16 450 ***35,650**	*14 100 ***30,550**	12 700 **27,250**	*8200	*8200	*8050 ***17,700**	*8050 ***17,700**	10 520 **34'4"**
4500 mm **15'0"**	kg **lb**			*21 500 ***46,500**	*21 500 ***46,500**	*17 150 ***37,100**	16 150 **34,850**	*14 350 ***31,100**	12 350 **26,550**	*12 250 ***24,350**	9700 **20,900**	*8050 ***17,750**	*8050 ***17,750**	10 930 **35'9"**
3000 mm **10'0"**	kg **lb**			*22 400 ***48,450**	21 250 **45,800**	*17 600 ***38,100**	15 500 **33,400**	*14 500 ***31,350**	11 950 **25,750**	*12 100 ***26,150**	9550 **20,550**	*8250 ***18,200**	*8250 ***18,200**	11 120 **36'5"**
1500 mm **5'0"**	kg **lb**			*22 000 ***47,750**	20 450 **44,050**	*17 450 ***37,850**	14 950 **32,250**	*14 250 ***30,850**	11 650 **25,050**	*11 700 ***25,100**	9400 **20,200**	*8650 ***19,050**	*8650 ***19,050**	11 100 **36'4"**
0 mm **0'0"**	kg **lb**			*20 300 ***44,200**	20 100 **43,250**	*16 550 ***35,900**	14 650 **31,600**	*13 500 ***29,150**	11 450 **24,650**	*10 650 ***22,600**	9300 **20,050**	*9300 ***20,500**	8900 **19,550**	10 880 **35'8"**
–1500 mm **–5'0"**	kg **lb**			*17 650 ***38,350**	*17 650 ***38,350**	*14 800 ***31,950**	14 550 **31,350**	*11 950 ***25,650**	11 350 **24,500**			*8650 ***19,000**	*8650 ***19,000**	10 430 **34'2"**
–3000 mm **–10'0"**	kg **lb**					*11 900 ***25,500**	*11 900 ***25,500**					*9250 ***20,650**	*9250 ***20,650**	8960 **28'11"**

* **ISO 10567:2007**

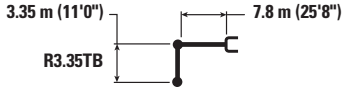
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

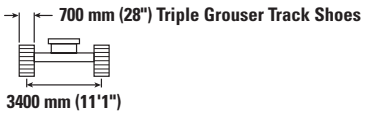
Lift capacity stays with ±5% for all available track shoes.

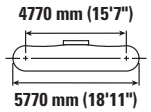
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Wider Hydraulic Variable Gauge Undercarriage







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/in
12 000 mm 40'0"	kg lb											*11 650 	*11 650 	5390
10 500 mm 35'0"	kg lb			*14 250 *31,050	*14 250 *31,050	*9650	*9650					*9550 *21,350	*9550 *21,350	7520 24'0"
9000 mm 30'0"	kg lb			*14 350 *31,650	*14 350 *31,650	*14 050 *30,250	*14 050 *30,250					*8650 *19,150	*8650 *19,150	8900 28'9"
7500 mm 25'0"	kg lb			*15 650 *34,100	*15 650 *34,100	*15 600 *33,850	*15 600 *33,850	*13 500 *28,050	13 100 *28,050			*8200 *18,100	*8200 *18,100	9860 32'1"
6000 mm 20'0"	kg lb	*26 350 *56,700	*26 350 *56,700	*20 050 *43,300	*20 050 *43,300	*16 450 *35,650	*16 450 *35,650	*14 100 *30,550	12 850 27,650	*8200	*8200	*8050 *17,700	*8050 *17,700	10 520 34'4"
4500 mm 15'0"	kg lb			*21 500 *46,500	*21 500 *46,500	*17 150 *37,100	16 400 35,300	*14 350 *31,100	12 500 26,900	*12 250 *24,350	9850 21,200	*8050 *17,750	*8050 *17,750	10 930 35'9"
3000 mm 10'0"	kg lb			*22 400 *48,450	21 550 46,450	*17 600 *38,100	15 700 33,900	*14 500 *31,350	12 150 26,150	*12 100 *26,150	9700 20,850	*8250 *18,200	*8250 *18,200	11 120 36'5"
1500 mm 5'0"	kg lb			*22 000 *47,750	20 750 44,700	*17 450 *37,850	15 200 32,750	*14 250 *30,850	11 800 25,450	*11 700 *25,100	9550 20,500	*8650 *19,050	*8650 *19,050	11 100 36'4"
0 mm 0'0"	kg lb			*20 300 *44,200	*20 300 43,900	*16 550 *35,900	14 900 32,050	*13 500 *29,150	11 600 25,000	*10 650 *22,600	9450 20,350	*9300 *20,500	9000 19,850	10 880 35'8"
–1500 mm –5'0"	kg lb			*17 650 *38,350	*17 650 *38,350	*14 800 *31,950	*14 800 31,850	*11 950 *25,650	11 550 24,900			*8650 *19,000	*8650 *19,000	10 430 34'2"
–3000 mm –10'0"	kg lb					*11 900 *25,500	*11 900 *25,500					*9250 *20,650	*9250 *20,650	8960 28'11"

* ISO 10567:2007

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

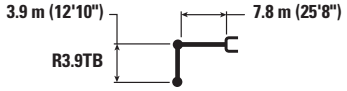
Lift capacity stays with ±5% for all available track shoes.

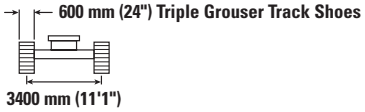
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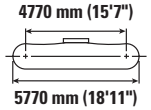
352 UHD Hydraulic Excavator Specifications

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/in
12 000 mm **40'0"**	kg **lb**			*10 750 ****	*10 750 ****							*9550 ***21,700**	*9550 ***21,700**	6270 **19'6"**
10 500 mm **35'0"**	kg **lb**					*10 900 ***22,300**	*10 900 ***22,300**					*8200 ***18,250**	*8200 ***18,250**	8170 **26'2"**
9000 mm **30'0"**	kg **lb**					*12 300 ***26,800**	*12 300 ***26,800**	*10 000 ***19,650**	*10 000 ***19,650**			*7550 ***16,750**	*7550 ***16,750**	9450 **30'7"**
7500 mm **25'0"**	kg **lb**			*13 100 ***28,600**	*13 100 ***28,600**	*13 350 ***29,150**	*13 350 ***29,150**	*12 350 ***26,350**	*12 350 ***26,350**			*7250 ***16,050**	*7250 ***16,050**	10 360 **33'9"**
6000 mm **20'0"**	kg **lb**	*19 400 ***39,850**	*19 400 ***39,850**	*17 300 ***36,850**	*17 300 ***36,850**	*15 900 ***34,400**	*15 900 ***34,400**	*13 650 ***29,700**	12 800 **27,500**	*10 500 ***20,650**	9950 ***20,650**	*7200 ***15,800**	*7200 ***15,800**	10 990 **35'11"**
4500 mm **15'0"**	kg **lb**			*20 800 ***44,950**	*20 800 ***44,950**	*16 700 ***36,100**	16 300 **35,150**	*14 050 ***30,400**	12 400 **26,650**	*12 100 ***26,200**	9750 **20,950**	*7250 ***15,950**	*7250 ***15,950**	11 380 **37'3"**
3000 mm **10'0"**	kg **lb**			*22 000 ***47,550**	21 500 **46,350**	*17 300 ***37,400**	15 550 **33,600**	*14 300 ***30,900**	11 950 **25,800**	*12 050 ***26,100**	9550 **20,500**	*7450 ***16,400**	*7450 ***16,400**	11 570 **37'11"**
1500 mm **5'0"**	kg **lb**			*22 100 ***47,900**	20 500 **44,200**	*17 400 ***37,700**	14 950 **32,250**	*14 250 ***30,800**	11 600 **25,000**	*11 800 ***25,450**	9300 **20,050**	*7850 ***17,300**	*7850 ***17,300**	11 550 **37'10"**
0 mm **0'0"**	kg **lb**	***25,950**	***25,950**	*20 950 ***45,500**	20 000 **43,050**	*16 800 ***36,400**	14 600 **31,400**	*13 700 ***29,600**	11 350 **24,450**	*11 100 ***23,800**	9200 **19,750**	*8500 ***18,650**	8300 **18,250**	11 330 **37'2"**
–1500 mm **–5'0"**	kg **lb**	*16 850 ***38,600**	*16 850 ***38,600**	*18 700 ***40,650**	*18 700 ***40,650**	*15 350 ***33,250**	14 400 **31,000**	*12 450 ***26,850**	11 200 **24,200**	*9650 ***20,300**	9150 **19,750**	*8600 ***18,950**	*8600 ***18,950**	10 900 **35'8"**
–3000 mm **–10'0"**	kg **lb**			*15 400 ***33,300**	*15 400 ***33,300**	*12 900 ***27,750**	*12 900 ***27,750**	*10 250 ***21,750**	*10 250 ***21,750**			*7950 ***17,650**	*7950 ***17,650**	10 050 **32'8"**

* **ISO 10567:2007**

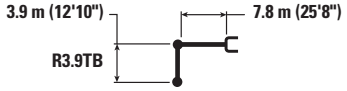
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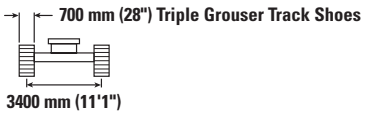
Lift capacity stays with ±5% for all available track shoes.

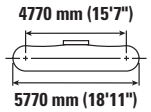
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Retrofit Boom (straight position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Wider Hydraulic Variable Gauge Undercarriage







		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
														mm ft/in
12 000 mm **40'0"**	kg **lb**			*10 750 ****	*10 750 ****							*9550 ***21,700**	*9550 ***21,700**	6270 **19'6"**
10 500 mm **35'0"**	kg **lb**					*10 900 ***22,300**	*10 900 ***22,300**					*8200 ***18,250**	*8200 ***18,250**	8170 **26'2"**
9000 mm **30'0"**	kg **lb**					*12 300 ***26,800**	*12 300 ***26,800**	*10 000 ***19,650**	*10 000 ***19,650**			*7550 ***16,750**	*7550 ***16,750**	9450 **30'7"**
7500 mm **25'0"**	kg **lb**			*13 100 ***28,600**	*13 100 ***28,600**	*13 350 ***29,150**	*13 350 ***29,150**	*12 350 ***26,350**	*12 350 ***26,350**			*7250 ***16,050**	*7250 ***16,050**	10 360 **33'9"**
6000 mm **20'0"**	kg **lb**	*19 400 ***39,850**	*19 400 ***39,850**	*17 300 ***36,850**	*17 300 ***36,850**	*15 900 ***34,400**	*15 900 ***34,400**	*13 650 ***29,700**	12 950 **27,850**	*10 500 ***20,650**	10 100 ***20,650**	*7200 ***15,800**	*7200 ***15,800**	10 990 **35'11"**
4500 mm **15'0"**	kg **lb**			*20 800 ***44,950**	*20 800 ***44,950**	*16 700 ***36,100**	16 550 **35,650**	*14 050 ***30,400**	12 550 **27,050**	*12 100 ***26,200**	9900 **21,250**	*7250 ***15,950**	*7250 ***15,950**	11 380 **37'3"**
3000 mm **10'0"**	kg **lb**			*22 000 ***47,550**	21800 **47,000**	*17 300 ***37,400**	15 800 **34,050**	*14 300 ***30,900**	12 150 **26,150**	*12 050 ***26,100**	9650 **20,800**	*7450 ***16,400**	*7450 ***16,400**	11 570 **37'11"**
1500 mm **5'0"**	kg **lb**			*22 100 ***47,900**	20 800 **44,850**	*17 400 ***37,700**	15 200 **32,750**	*14 250 ***30,800**	11 800 **25,350**	*11 800 ***25,450**	9450 **20,400**	*7850 ***17,300**	*7850 ***17,300**	11 550 **37'10"**
0 mm **0'0"**	kg **lb**	***25,950**	***25,950**	*20 950 ***45,500**	20 300 **43,700**	*16 800 ***36,400**	14 800 **31,900**	*13 700 ***29,600**	11 500 **24,800**	*11 100 ***23,800**	9300 **20,100**	*8500 ***18,650**	8400 **18,550**	11 330 **37'2"**
–1500 mm **–5'0"**	kg **lb**	*16 850 ***38,600**	*16 850 ***38,600**	*18 700 ***40,650**	*18 700 ***40,650**	*15 350 ***33,250**	14 600 **31,500**	*12 450 ***26,850**	11 400 **24,550**	*9650 ***20,300**	9300 **20,050**	*8600 ***18,950**	*8600 ***18,950**	10 900 **35'8"**
–3000 mm **–10'0"**	kg **lb**			*15 400 ***33,300**	*15 400 ***33,300**	*12 900 ***27,750**	*12 900 ***27,750**	*10 250 ***21,750**	*10 250 ***21,750**			*7950 ***17,650**	*7950 ***17,650**	10 050 **32'8"**

* ISO 10567:2007

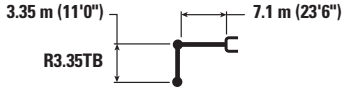
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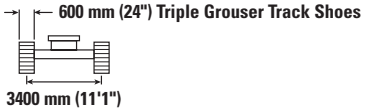
Lift capacity stays with ±5% for all available track shoes.

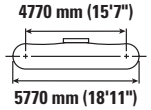
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm **ft/in**
9000 mm **30'0"**	kg **lb**							*9950	*9950			*8450 ***18,650**	*8450 ***18,650**	7730 **24'10"**
7500 mm **25'0"**	kg **lb**							*13 600 ***29,750**	*13 600 ***29,750**			*8100 ***17,800**	*8100 ***17,800**	8820 **28'8"**
6000 mm **20'0"**	kg **lb**							*14 300 ***31,100**	*14 300 ***31,100**	*12 250 ***24,450**	*12 250 ***24,450**	*8050 ***17,700**	*8050 ***17,700**	9550 **31'2"**
4500 mm **15'0"**	kg **lb**			*25 050 ***53,700**	*25 050 ***53,700**	*18 650 ***40,250**	*18 650 ***40,250**	*15 400 ***33,350**	*15 400 ***33,350**	*13 450 ***29,250**	12 800 **27,550**	*8250 ***18,100**	*8250 ***18,100**	10 000 **32'8"**
3000 mm **10'0"**	kg **lb**			*21 400 ***53,850**	*21 400 ***53,850**	*20 750 ***44,850**	*20 750 ***44,850**	*16 500 ***35,800**	16 250 **35,000**	*14 000 ***30,400**	12 450 **26,750**	*8650 ***19,000**	*8650 ***19,000**	10 210 **33'5"**
1500 mm **5'0"**	kg **lb**			*15 950 ***38,000**	*15 950 ***38,000**	*22 150 ***47,900**	21 450 **46,250**	*17 350 ***37,600**	15 650 **33,700**	*14 400 ***31,250**	12 100 **26,000**	*9350 ***20,550**	*9350 ***20,550**	10 190 **33'5"**
0 mm **0'0"**	kg **lb**			*20 100 ***46,400**	*20 100 ***46,400**	*22 450 ***48,600**	20 850 **44,900**	*17 650 ***38,250**	15 200 **32,750**	*14 450 ***31,300**	11 800 **25,450**	*10 450 ***23,000**	10 300 **22,650**	9940 **32'7"**
–1500 mm **–5'0"**	kg **lb**	*15 900 ***35,800**	*15 900 ***35,800**	*27 700 ***60,450**	*27 700 ***60,450**	*21 650 ***46,900**	20 600 **44,300**	*17 200 ***37,150**	15 000 **32,250**	*13 800 ***29,700**	11 700 **25,200**	*12 250 ***27,100**	10 950 **24,150**	9450 **30'11"**
–3000 mm **–10'0"**	kg **lb**			*24 600 ***53,350**	*24 600 ***53,350**	*19 650 ***42,450**	*19 650 ***42,450**	*15 600 ***33,550**	15 000 **32,300**			*12 650 ***27,850**	12 350 **27,350**	8670 **28'3"**
–4500 mm **–15'0"**	kg **lb**					*15 900 ***34,000**	*15 900 ***34,000**	*11 850	*11 850			*11 850 ***26,550**	*11 850 ***26,550**	7510 **24'1"**

* **ISO 10567:2007**

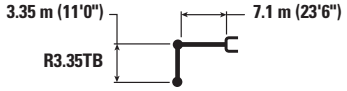
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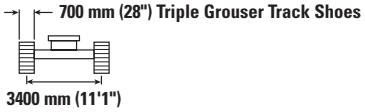
Lift capacity stays with ±5% for all available track shoes.

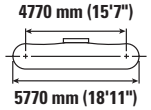
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Wider Hydraulic Variable Gauge Undercarriage







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"				
														mm ft/in
9000 mm 30'0"	kg lb							*9950	*9950			*8450 *18,650	*8450 *18,650	7730 24'10"
7500 mm 25'0"	kg lb							*13 600 *29,750	*13 600 *29,750			*8100 *17,800	*8100 *17,800	8820 28'8"
6000 mm 20'0"	kg lb							*14 300 *31,100	*14 300 *31,100	*12 250 *24,450	*12 250 *24,450	*8050 *17,700	*8050 *17,700	9550 31'2"
4500 mm 15'0"	kg lb			*25 050 *53,700	*25 050 *53,700	*18 650 *40,250	*18 650 *40,250	*15 400 *33,350	*15 400 *33,350	*13 450 *29,250	13 000 27,900	*8250 *18,100	*8250 *18,100	10 000 32'8"
3000 mm 10'0"	kg lb			*21 400 *53,850	*21 400 *53,850	*20 750 *44,850	*20 750 *44,850	*16 500 *35,800	16 450 35,500	*14 000 *30,400	12 600 27,150	*8650 *19,000	*8650 *19,000	10 210 33'5"
1500 mm 5'0"	kg lb			*15 950 *38,000	*15 950 *38,000	*22 150 *47,900	21 750 46,900	*17 350 *37,600	15 850 34,150	*14 400 *31,250	12 250 26,400	*9350 *20,550	*9350 *20,550	10 190 33'5"
0 mm 0'0"	kg lb			*20 100 *46,400	*20 100 *46,400	*22 450 *48,600	21 150 45,550	*17 650 *38,250	15 400 33,250	*14 450 *31,300	12 000 25,800	*10 450 *23,000	10 450 23,000	9940 32'7"
–1500 mm –5'0"	kg lb	*15 900 *35,800	*15 900 *35,800	*27 700 *60,450	*27 700 *60,450	*21 650 *46,900	20 900 44,950	*17 200 *37,150	15 200 32,750	*13 800 *29,700	11 850 25,550	*12 250 *27,100	11 100 24,550	9450 30'11"
–3000 mm –10'0"	kg lb			*24 600 *53,350	*24 600 *53,350	*19 650 *42,450	*19 650 *42,450	*15 600 *33,550	15 200 32,750			*12 650 *27,850	12 550 27,750	8670 28'3"
–4500 mm –15'0"	kg lb					*15 900 *34,000	*15 900 *34,000	*11 850	*11 850			*11 850 *26,550	*11 850 *26,550	7510 24'1"

* ISO 10567:2007

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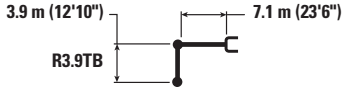
Lift capacity stays with ±5% for all available track shoes.

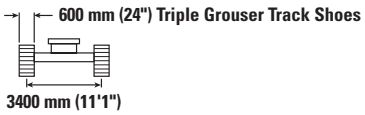
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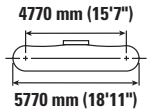
352 UHD Hydraulic Excavator Specifications

Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Hydraulic Variable Gauge Undercarriage







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
9000 mm **30'0"**	kg **lb**													*7450 ***16,450**	*7450 ***16,450**	8240 **26'7"**
7500 mm **25'0"**	kg **lb**									*8750 ***16,650**	*8750 ***16,650**			*7200 ***15,850**	*7200 ***15,850**	9270 **30'2"**
6000 mm **20'0"**	kg **lb**							*13 550 ***29,400**	*13 550 ***29,400**	*11 950 ***24,850**	*11 950 ***24,850**			*7200 ***15,850**	*7200 ***15,850**	9970 **32'6"**
4500 mm **15'0"**	kg **lb**					*17 600 ***37,950**	*17 600 ***37,950**	*14 650 ***31,800**	*14 650 ***31,800**	*12 900 ***28,000**	*12 900 **27,750**			*7400 ***16,300**	*7400 ***16,300**	10 400 **34'0"**
3000 mm **10'0"**	kg **lb**			*27 650 ***59,450**	*27 650 ***59,450**	*19 850 ***42,850**	*19 850 ***42,850**	*15 900 ***34,450**	*15 900 ***34,450**	*13 550 ***29,400**	12 500 **26,850**	*8750	*8750	*7850 ***17,200**	*7850 ***17,200**	10 600 **34'9"**
1500 mm **5'0"**	kg **lb**			*21 800 ***51,400**	*21 800 ***51,400**	*21 550 ***46,600**	*21 550 **46,550**	*16 900 ***36,650**	15 700 **33,800**	*14 100 ***30,550**	12 100 **26,000**	*9350	*9350	*8500 ***18,650**	*8500 ***18,650**	10 580 **34'8"**
0 mm **0'0"**	kg **lb**			*22 500 ***51,750**	*22 500 ***51,750**	*22 250 ***48,150**	20 850 **44,900**	*17 450 ***37,750**	15 150 **32,700**	*14 350 ***31,000**	11 750 **25,300**			*9500 ***20,900**	*9500 ***20,900**	10 350 **33'11"**
–1500 mm **–5'0"**	kg **lb**	*16 100 ***36,150**	*16 100 ***36,150**	*27 650 ***62,550**	*27 650 ***62,550**	*21 850 ***47,350**	20 450 **44,050**	*17 250 ***37,350**	14 850 **32,050**	*14 000 ***30,250**	11 550 **24,900**			*11 150 ***24,600**	10 200 **22,500**	9870 **32'4"**
–3000 mm **–10'0"**	kg **lb**	*23 000 ***51,750**	*23 000 ***51,750**	*26 150 ***56,650**	*26 150 ***56,650**	*20 350 ***44,050**	*20 350 **43,900**	*16 150 ***34,850**	14 800 **31,850**	*12 700	11 550			*12 400 ***27,350**	11 350 **25,100**	9130 **29'10"**
–4500 mm **–15'0"**	kg **lb**			*21 850 ***47,050**	*21 850 ***47,050**	*17 350 ***37,250**	*17 350 ***37,250**	*13 500 ***28,650**	*13 500 ***28,650**					*12 100 ***26,600**	*12 100 ***26,600**	8030 **26'1"**

* **ISO 10567:2007**

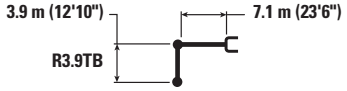
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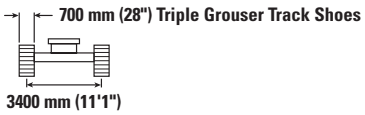
Lift capacity stays with ±5% for all available track shoes.

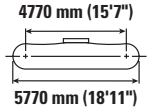
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Retrofit Boom (bent position) – with Bucket Linkages, without Bucket, Heavy Lift: On

Wider Hydraulic Variable Gauge Undercarriage







		3000 mm/10'0"		4500 mm/15'0"		6000 mm/20'0"		7500 mm/25'0"		9000 mm/30'0"		10 500 mm/35'0"				
																mm ft/in
9000 mm **30'0"**	kg **lb**													*7450 ***16,450**	*7450 ***16,450**	8240 **26'7"**
7500 mm **25'0"**	kg **lb**									*8750 ***16,650**	*8750 ***16,650**			*7200 ***15,850**	*7200 ***15,850**	9270 **30'2"**
6000 mm **20'0"**	kg **lb**							*13 550 ***29,400**	*13 550 ***29,400**	*11 950 ***24,850**	*11 950 ***24,850**			*7200 ***15,850**	*7200 ***15,850**	9970 **32'6"**
4500 mm **15'0"**	kg **lb**					*17 600 ***37,950**	*17 600 ***37,950**	*14 650 ***31,800**	*14 650 ***31,800**	*12 900 ***28,000**	*12 900 ***28,000**			*7400 ***16,300**	*7400 ***16,300**	10 400 **34'0"**
3000 mm **10'0"**	kg **lb**			*27 650 ***59,450**	*27 650 ***59,450**	*19 850 ***42,850**	*19 850 ***42,850**	*15 900 ***34,450**	*15 900 ***34,450**	*13 550 ***29,400**	12 650 **27,250**	*8750	*8750	*7850 ***17,200**	*7850 ***17,200**	10 600 **34'9"**
1500 mm **5'0"**	kg **lb**			*21 800 ***51,400**	*21 800 ***51,400**	*21 550 ***46,600**	*21 550 ***46,600**	*16 900 ***36,650**	15 900 **34,300**	*14 100 ***30,550**	12 250 **26,400**	*9350	*9350	*8500 ***18,650**	*8500 ***18,650**	10 580 **34'8"**
0 mm **0'0"**	kg **lb**			*22 500 ***51,750**	*22 500 ***51,750**	*22 250 ***48,150**	21 150 **45,500**	*17 450 ***37,750**	15 400 **33,150**	*14 350 ***31,000**	11 950 **25,700**			*9500 ***20,900**	*9500 ***20,900**	10 350 **33'11"**
–1500 mm **–5'0"**	kg **lb**	*16 100 ***36,150**	*16 100 ***36,150**	*27 650 ***62,550**	*27 650 ***62,550**	*21 850 ***47,350**	20 750 **44,700**	*17 250 ***37,350**	15 100 **32,500**	*14 000 ***30,250**	11 750 **25,300**			*11 150 ***24,600**	10 350 **22,850**	9870 **32'4"**
–3000 mm **–10'0"**	kg **lb**	*23 000 ***51,750**	*23 000 ***51,750**	*26 150 ***56,650**	*26 150 ***56,650**	*20 350 ***44,050**	*20 350 ***44,050**	*16 150 ***34,850**	15 000 **32,350**	*12 700	11750			*12 400 ***27,350**	11 500 **25,500**	9130 **29'10"**
–4500 mm **–15'0"**	kg **lb**			*21 850 ***47,050**	*21 850 ***47,050**	*17 350 ***37,250**	*17 350 ***37,250**	*13 500 ***28,650**	*13 500 ***28,650**					*12 100 ***26,600**	*12 100 ***26,600**	8030 **26'1"**

* **ISO 10567:2007**

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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

352 UHD Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East, Eurasia

		Width		Capacity		Weight		Fill	Hydraulic Variable Gauge Undercarriage 12.0 mt (26,455 lb) Counterweight			
									Retrofit (straight position)		Retrofit (bent position)	
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R3.35 (11'0")	R3.9 (12'10")	R3.35 (11'0")	R3.9 (12'10")
Pin-On (No Quick Coupler)												
Heavy Duty	TB	1650	66	2.41	3.15	2220	4,894	100	●	●	●	●
	TB	1850	72	2.69	3.52	2349	5,179	100	●	●	●	●
	TB	1900	74	2.78	3.64	2427	5,350	100	●	●	●	●
Severe Duty	TB	1700	67	2.41	3.16	2479	5,464	90	●	●	●	●
	TB	1550	61	2.14	2.80	2327	5,129	90	●	●	●	●
Severe Duty Spade	TB	1350	54	1.87	2.44	2053	4,526	90	●	●	●	●
	TB	1650	66	2.41	3.15	2367	5,218	90	●	●	●	●
	TB	1900	75	2.78	3.64	2723	6,003	90	●	●	●	●
Extreme Duty	TB	1700	67	2.41	3.16	2722	6,000	90	●	●	●	●
Extreme Duty Spade	TB	1950	77	2.78	3.64	2974	6,556	90	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	9006	8552	9997	9390
								lb	19,855	18,854	22,040	20,701
With Pin Grabber Coupler												
Heavy Duty	TB	1650	66	2.41	3.15	2220	4,894	100	●	●	●	●
	TB	1850	72	2.69	3.52	2349	5,179	100	●	◉	●	●
	TB	1900	74	2.78	3.64	2427	5,350	100	◉	◉	●	●
Severe Duty	TB	1700	67	2.41	3.16	2479	5,464	90	●	●	●	●
	TB	1550	61	2.14	2.80	2327	5,129	90	●	●	●	●
Severe Duty Spade	TB	1350	54	1.87	2.44	2053	4,526	90	●	●	●	●
	TB	1650	66	2.41	3.15	2367	5,218	90	●	●	●	●
	TB	1900	75	2.78	3.64	2723	6,003	90	●	◉	●	●
Extreme Duty	TB	1700	67	2.41	3.16	2722	6,000	90	●	●	●	●
Extreme Duty Spade	TB	1950	77	2.78	3.64	2974	6,556	90	◉	◉	●	●
Maximum load with coupler (payload + bucket)								kg	7953	7499	8944	8337
								lb	17,533	16,532	19,718	18,380

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, 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/m^3 (3,500 lb/yd^3)

◉ 1800 kg/m^3 (3,000 lb/yd^3)

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.

Bucket Specifications and Compatibility – Southeast Asia

		Width		Capacity		Weight		Fill	Hydraulic Variable Gauge Undercarriage 12.0 mt (26,455 lb) Counterweight			
									Retrofit (straight position)		Retrofit (bent position)	
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R3.35 (11'0")	R3.9 (12'10")	R3.35 (11'0")	R3.9 (12'10")
Pin-On (No Quick Coupler)												
General Duty	TB	1950	77	3.06	4.00	2474	5,454	100	●	◉	●	●
Heavy Duty	TB	1950	77	3.08	4.03	2710	5,974	100	●	◉	●	●
	TB	1650	65	2.41	3.15	2377	5,240	100	●	●	●	●
	TB	1650	65	2.41	3.15	2392	5,273	100	●	●	●	●
Severe Duty Spade	TB	1750	69	2.40	3.14	2544	5,608	90	●	●	●	●
Severe Duty	TB	1650	65	2.41	3.16	2497	5,504	90	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	9006	8552	9997	9390
								lb	19,855	18,854	22,040	20,701
With Pin Grabber Coupler												
General Duty	TB	1950	77	3.06	4.00	2474	5,454	100	◉	⊖	●	◉
Heavy Duty	TB	1950	77	3.08	4.03	2710	5,974	100	⊖	⊖	●	◉
	TB	1650	65	2.41	3.15	2377	5,240	100	●	●	●	●
	TB	1650	65	2.41	3.15	2392	5,273	100	●	●	●	●
Severe Duty Spade	TB	1750	69	2.40	3.14	2544	5,608	90	●	●	●	●
Severe Duty	TB	1650	65	2.41	3.16	2497	5,504	90	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	7953	7499	8944	8337
								lb	17,533	16,532	19,718	18,380

The above loads are in compliance with hydraulic excavator standard EN 474-5:2022/AC:2022, 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)
- ◉ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 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 – Africa, Middle East, Eurasia

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

PIN-ON ATTACHMENTS

Undercarriage		**H-VG**				
Counterweight		**12.0 mt (26,455 lb)**				
Boom Type		**Retrofit (Bent)**		**Retrofit (Straight)**		**UHD 28 m (91'10")**
Stick Length		**3.35 m (11'0")**	**3.90 m (12'10")**	**3.35 m (11'0")**	**3.90 m (12'10")**	**UHD 28 m (91'10")**
Hydraulic Hammers	H160 S	✓	✓	✓	✓	
	H180 GC	✓	✓	✓	✓	
	H180 GC Side Mount	✓	✓	✓	✓	
	H180 GC S	✓	✓	✓	✓	
	H180 S	✓	✓	✓	✓	
	H190 S	✓	✓	✓	✓	
Multi-Processors	MP345 Concrete Cutter Jaw	✓	✓	✓	✓	
	MP345 Demolition Jaw	✓	✓	✓	✓	
	MP345 Pulverizer Jaw	✓	✓	✓	✓	
	MP345 Shear Jaw	✓	✓	✓	✓	
	MP345 Concrete Cutter Jaw-Flat Top	✓	✓	✓	✓	
	MP345 Demolition Jaw-Flat Top	✓	✓	✓	✓	
	MP345 Pulverizer Jaw-Flat Top	✓	✓	✓	✓	
	MP345 Shear Jaw-Flat Top	✓	✓	✓	✓	
	MP365 Concrete Cutter Jaw	✓				
Demolition and Sorting Grapples	G324					✓
	G332					✓
	G345	✓	✓	✓	✓	
	G345 Flat Top	✓	✓	✓	✓	
Mobile Scrap and Demolition Shears	S3025 Flat Top					✓
	S3035 Flat Top					✓
	S3050 Flat Top	✓	✓	✓	✓	
Pulverizers	P245 Secondary Pulverizer	✓				
	P318 Primary Pulverizer					✓
	P324 Primary Pulverizer					✓
	P332 Primary Pulverizer					✓
	P345 Primary Pulverizer	✓	✓	✓	✓	

(continued on next page)

Attachments Offering Guide – Africa, Middle East, Eurasia *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		**H-VG**				
Counterweight		**12.0 mt (26,455 lb)**				
Boom Type		**Retrofit (Bent)**		**Retrofit (Straight)**		**UHD 28 m (91'10")**
Stick Length		**3.35 m (11'0")**	**3.90 m (12'10")**	**3.35 m (11'0")**	**3.90 m (12'10")**	**UHD 28 m (91'10")**
Orange Peel Grapples	GSH455-1000	●	●	●	●	
	GSH455-1500	●	●	●	●	
	GSH455-2000	●	●	●	●	
	GSH555-1000	●	●	●	●	
	GSH555-1500	●	●	●	●	
	GSM-50-1000	●	●	●	●	
	GSM-50-1250	●	●	●	●	
	GSM-50-1500	●	●	●	●	
	GSM-50-2000	●	●	●	●	
	GSM-60-1250	●	●	●	●	
	GSM-60-1500	●	●	●	○	
	GSM-60-2000	○	○	○	○	
	GSM-60-2500	○				
Clamshell Grapples	CTV30-1700					
	CTV30-1900					
	CTV30-2300					
	CTV30-1700	●	●	●	●	
	CTV30-1900	●	●	●	●	
	CTV30-2300	●	●	●	●	
	CTV30-2700	●	○	●	○	
	CTV30-2900	●	○	○	○	
	CTV30-3100	○	○	○	○	
	CTV30-3800	○		○		
Rotary Cutters	RC15					✓
	RC20					✓
	RC50	✓	✓	✓	✓	

(continued on next page)

Attachments Offering Guide – Africa, Middle East, Eurasia *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		**H-VG**			
Counterweight		**12.0 mt (26,455 lb)**			
Boom Type		**Retrofit (Bent)**		**Retrofit (Straight)**	
Stick Length		**3.35 m (11'0")**	**3.90 m (12'10")**	**3.35 m (11'0")**	**3.90 m (12'10")**
Hydraulic Hammers	H160 GC	✓	✓	✓	✓
	H180 GC	✓	✓	✓	✓
	H180 GC-Side Mount	✓		✓	
	H180 GC S	✓	✓	✓	✓
	H180 S	✓	✓	✓	✓
Multi-Processors	MP345 Concrete Cutter Jaw	✓	✓	✓	✓
	MP345 Demolition Jaw	✓		✓	
	MP345 Pulverizer Jaw	✓		✓	
	MP345 Shear Jaw	✓	✓	✓	✓
	MP345 Shear Jaw-Flat Top	✓			
Demolition and Sorting Grapples	G345	✓	✓	✓	✓
	G345 Flat Top	✓	✓	✓	✓
Rotary Cutters	RC50	✓	✓	✓	✓

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**Hydraulic Variable Gauge**
Counterweight		**12.0 mt (26,455 lb)**
Boom Type		**UHD 28 m (91'10")**
Stick Length		**UHD 28 m (91'10")**
Multi-Processors	MP318 Concrete Cutter Jaw	✓
	MP318 Demolition Jaw	✓
	MP318 Pulverizer Jaw	✓
	MP318 Shear Jaw	✓
	MP318 Universal Jaw	✓
	MP324 Concrete Cutter Jaw	✓
	MP324 Demolition Jaw	✓
	MP324 Pulverizer Jaw	✓
	MP324 Shear Jaw	✓
	MP324 Tank Shear Jaw	✓
	MP324 Universal Jaw	✓
Demolition and Sorting Grapples	G324	✓
	G332	✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
	S3035 Flat Top	✓
Pulverizers	P318 Primary Pulverizer	✓
	P324 Primary Pulverizer	✓
Rotary Cutters	RC15	✓
	RC20	✓

(continued on next page)

Attachments Offering Guide – Africa, Middle East, Eurasia *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match

CW-45s DEDICATED COUPLER ATTACHMENTS

Undercarriage		**Hydraulic Variable Gauge**
Counterweight		**12.0 mt (26,455 lb)**
Boom Type		**UHD 28 m (91'10")**
Stick Length		**UHD 28 m (91'10")**
Multi-Processors	MP318 Concrete Cutter Jaw	✓
	MP318 Demolition Jaw	✓
	MP318 Pulverizer Jaw	✓
	MP318 Shear Jaw	✓
	MP318 Universal Jaw	✓
	MP324 Concrete Cutter Jaw	✓
	MP324 Demolition Jaw	✓
	MP324 Pulverizer Jaw	✓
	MP324 Shear Jaw	✓
	MP324 Tank Shear Jaw	✓
	MP324 Universal Jaw	✓
Demolition and Sorting Grapples	G324	✓
	G332	✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
	S3035 Flat Top	✓
Pulverizers	P318 Primary Pulverizer	✓
	P324 Primary Pulverizer	✓
Rotary Cutters	RC20	✓
	RC20	✓

CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**Hydraulic Variable Gauge**
Counterweight		**12.0 mt (26,455 lb)**
Boom Type		**UHD 28 m (91'10")**
Stick Length		**UHD 28 m (91'10")**
Multi-Processors	MP318 Concrete Cutter Jaw	✓
	MP318 Demolition Jaw	✓
	MP318 Pulverizer Jaw	✓
	MP318 Shear Jaw	✓
	MP318 Universal Jaw	✓
	MP324 Concrete Cutter Jaw	✓
	MP324 Demolition Jaw	✓
	MP324 Pulverizer Jaw	✓
	MP324 Shear Jaw	✓
	MP324 Tank Shear Jaw	✓
	MP324 Universal Jaw	✓
Demolition and Sorting Grapples	G324	✓
	G332	✓
Mobile Scrap and Demolition Shears	S3025 Flat Top	✓
Pulverizers	P318 Primary Pulverizer	✓
	P324 Primary Pulverizer	✓
Rotary Cutters	RC15	✓
	RC20	✓

(continued on next page)

Attachments Offering Guide – Africa, Middle East, Eurasia *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

CW-55 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**H-VG**			
Counterweight		**12.0 mt (26,455 lb)**			
Boom Type		**Retrofit (Bent)**		**Retrofit (Straight)**	
Stick Length		**3.35 m (11'0")**	**3.90 m (12'10")**	**3.35 m (11'0")**	**3.90 m (12'10")**
Hydraulic Hammers	H160 S	✓	✓	✓	✓
	H180 GC	✓	✓	✓	✓
	H180 GC S	✓	✓	✓	✓
	H180 S	✓	✓	✓	✓
Multi-Processors	MP345 Concrete Cutter Jaw	✓	✓	✓	✓
	MP345 Demolition Jaw	✓		✓	
	MP345 Pulverizer Jaw	✓		✓	
	MP345 Shear Jaw	✓	✓	✓	✓
	MP345 Concrete Cutter Jaw-Flat Top	✓		✓	
	MP345 Shear Jaw-Flat Top	✓		✓	
Demolition and Sorting Grapples	G345	✓	✓	✓	✓
	G345 Flat Top	✓	✓	✓	✓
Pulverizers	P345 Primary Pulverizer	✓		✓	
Rotary Cutters	RC50	✓	✓	✓	✓

BOOM-MOUNT ATTACHMENTS

Undercarriage		**Hydraulic Variable Gauge**	
Counterweight		**12.0 mt (26,455 lb)**	
Boom Type		**Retrofit (Bent)**	**Retrofit (Straight)**
Mobile Scrap and Demolition Shears	S2090	✓	✓
	S3070 Flat Top	✓	✓
	S3090 Flat Top	✓	✓

Attachments Offering Guide – Southeast Asia

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

PIN-ON ATTACHMENTS

Undercarriage		H-VG				
Counterweight		12.0 mt (26,455 lb)				
Boom Type		Retrofit (Bent)		Retrofit (Straight)		UHD 28 m (91'10")
Stick Length		3.35 m (11'0")	3.90 m (12'10")	3.35 m (11'0")	3.90 m (12'10")	UHD 28 m (91'10")
Hydraulic Hammers	H160 S	✓	✓	✓	✓	
	H180 GC	✓	✓	✓	✓	
	H180 GC Side Mount	✓	✓	✓	✓	
	H180 GC S	✓	✓	✓	✓	
	H180 S	✓	✓	✓	✓	
	H190 S	✓	✓	✓	✓	
Rotary Cutters	RC15					✓
	RC20					✓
	RC50	✓	✓	✓	✓	

352 UHD Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
28 m (91'10") UHD front		✓
9.1 m (29'10") Retrofit boom		✓
3.35 m (11'0") Retrofit stick		✓
3.9 m (12'10") Retrofit stick		✓
Advanced tool control, UHD	✓	
Bucket cylinder guard		✓
TB family bucket linkage		✓
Dedicated C family bucket linkage	✓	
Transport cradle for front		✓
CAB		
Tilt-up demolition cab with P5A laminated front and roof glass	✓	
High-resolution 254 mm (10") LCD touchscreen monitor	✓	
Auto bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Height-adjustable console	✓	
Tilt-up left-side console	✓	
Cat Stick Steer	✓	
Heated and ventilated air-suspension seat	✓	
51 mm (2") seat belt	✓	
Monitor integrated Bluetooth® radio with USB port	✓	
12V DC outlets	✓	
Document storage	✓	
Overhead storage and rear storage with nets	✓	
Cup holder	✓	
Parallel wiper with washer	✓	
Skylight wiper install capability	✓	
LED interior lights	✓	
Floor welcome light	✓	
Roller front sunscreen	✓	
Roller rear sunscreen		✓
Washable floor mat	✓	
Beacon ready	✓	
Auxiliary relay	✓	

[1]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

[2]VisionLink subscription required. Consult your Cat dealer for details.

	Standard	Optional
CAT TECHNOLOGY		
Cat Equipment Management:		
– VisionLink™	✓[1]	
– Remote Flash	✓	
Cat Payload:		
– On-the-go weighing	✓	
– Semiautomatic calibration	✓	
– Payload/cycle information	✓	
– VisionLink back office reporting		✓[2]
Cat Advanced Payload:		
– Daily totals		✓
– Custom lists		✓
– Smart weight target		✓
– E-ticket Integration		✓[2]
CAT TECHNOLOGY – RETROFIT BOOM		
Cat Grade 2D	✓	
Cat Payload: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability	✓	
Lift Assist	✓	
ELECTRICAL SYSTEM		
Maintenance-free 1,000 CCA batteries (×4)	✓	
Centralized electrical disconnect switch	✓	
LED exterior chassis and boom lights	✓	
Premium surround working lights		✓

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
ENGINE		
Three selectable modes: Power, Smart, Eco	✓	
Auto engine speed control	✓	
Up to 4500 m (14,760 ft) altitude capability	✓	
Hydraulic reverse fan	✓	
52° C (126° F) high-ambient cooling	✓	
–18° C (0° F) cold start capability	✓	
–32° C (–25° F) cold start capability		✓
115 amp alternator	✓	
Electric fuel priming pump	✓	
Dual stage four micron main filter	✓	
10 micron primary filter with water separator	✓	
Cold start block heater		✓
Ether starting aid		✓
Double element air filter with integrated pre-cleaner	✓	
Side-by-side cooling system	✓	
Secure start with PIN code	✓	
Remote disable	✓	
HYDRAULIC SYSTEM		
Boom lowering check valve capability	✓	
Stick lowering check valve capability	✓	
Fine swing capability	✓	
Boom and stick regeneration circuit	✓	
Electronic main control valve	✓	
Heavy lift mode	✓	
Auto hydraulic oil warmup	✓	
Hydraulic efficiency monitoring		✓
Reverse swing damping valve	✓	
Auto swing parking brake	✓	
High performance hydraulic return filter	✓	
Two speed travel	✓	
Bio hydraulic oil capability	✓	
Combined two-way auxiliary circuit	✓	
Medium-pressure auxiliary circuit	✓	
Quick coupler circuit	✓	

	Standard	Optional
SAFETY AND SECURITY		
2D E-Fence (swing)	✓	
Auto hammer stop	✓	
Caterpillar One Key security system	✓	
Lockable external tool/storage box	✓	
Lockable door, fuel, and hydraulic tank locks	✓	
Lockable fuel drain compartment	✓	
Service platform with anti-skid plate and recessed bolts	✓	
Right Hand (RH) handrail and handhold	✓	
Signaling/warning horn	✓	
Visibility mirror package	✓	
Bluetooth receiver		✓
Ground-level secondary engine shutoff switch	✓	
Lockable disconnect switch	✓	
Rear and right-hand-sideview cameras	✓	
360° visibility		✓
Operator Protective Guards	✓	
SERVICE AND MAINTENANCE		
Integrated vehicle health management system	✓	
Grouped engine oil and fuel filters	✓	
S·O·S℠ ports	✓	
QuickEvac™ maintenance ready	✓	
Electric refueling pump with auto shutoff	✓	
UNDERCARRIAGE AND STRUCTURES		
Hydraulic Variable Gauge undercarriage	✓	
Grease lubricated track	✓	
Towing eye on base frame	✓	
12.0 mt (26,455 lb) counterweight	✓	
Full-length track guiding guards	✓	
HD bottom guard	✓	
HD travel motor guard	✓	
600 mm (24") triple grouser track shoes		✓
700 mm (28") triple grouser track shoes		✓

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Duct ready for advanced cabin filtration

SAFETY AND SECURITY

- Work tool camera kit
- Cat Detect – People Detection

352 UHD 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® C13 engine meets U.S. EPA Tier 3 and EU Stage IIIA emission standards.
- Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to
  - ✓ 100% 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.

**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 or R1234yf. See the label or instruction manual for identification of the gas.
  - – If equipped with R134a (Global Warming Potential = 1430), the system contains 1.0 kg (2.2 lb) of refrigerant which has a CO_2 equivalent of 1.430 metric tonnes (1.576 tons).
  - – If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 0.85 kg (1.87 lb) of refrigerant which has a CO_2 equivalent of 0.001 metric tonnes (0.001 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

With cooling fan at maximum value:
External (ISO 6395:2008) – 107 dB(A)
Internal (ISO 6396:2008) – 75 dB(A)

- External Sound – The spectator sound power level is measured according to the test procedures and conditions specified in ISO 6395:2008 for a Cat machine that is properly equipped and maintained. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

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 HYDO™ 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.
  - – Smart mode matches machine power to digging requirements automatically
  - – Eco mode helps minimize fuel consumption for light applications
  - – Extended service intervals help decrease maintenance costs
  - – Hydraulic reversing fan cools engine on demand to help reduce fuel consumption
  - – Increase operating efficiency with standard Cat technologies that lower operator fatigue and operating costs

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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AEXQ4048-01 (12-2025)
Replaces: AEXQ4048-00
Build Number: 08D
(Afr-ME, Eurasia, Indonesia,
S Am, SE Asia)