

340D2 L

Hydraulic Excavator



Engine

Engine Model	Cat® C9 ACERT™	
Engine Power (ISO 14396)	209 kW	284 hp
Net Power (SAE J1349/ISO 9249)	200 kW	272 hp

Weight

Maximum Operating Weight	41 200 kg	90,800 lb
--------------------------	-----------	-----------

Performance by Design

*The 340D2 L is powerful,
reliable and durable with
great productivity and
versatility making it an
ideal machine whatever
your application need.*

*Hard on the dirt with low
operating costs makes
this powerful and efficient
machine the preferred
model of choice.*

Contents

Key Features	4
Engine	6
Operator Station	7
Hydraulics	8
Structures.....	9
Front Linkage	10
Work Tools.....	11
Service and Maintenance	12
Complete Customer Support.....	13
Specifications.....	14
Standard Equipment.....	29
Optional Equipment.....	30
Notes.....	31





The 340D2 L delivers excellent productivity with low owning and operating costs and can be used in a wide range of applications making this machine extremely versatile. The 340D2 L features excellent reliability and durability even when working in the toughest jobs. Improved visibility combined with world class comfort levels ensures reduced fatigue and optimized performance levels.

At the heart of the machine's performance is a powerful Cat C9 ACERT engine combined with a smooth, precise, hydraulic system. This highly efficient design minimizes losses and permits fast hydraulic cycle times.

Key Features

World class design combines excellent performance with low fuel consumption and top reliability



Structures

340D2 L structural components and undercarriage are the backbone of the machine's durability.

Undercarriage

With a long, heavy-duty, high-wide (HDHW) undercarriage, the machine can take full advantage of its fast implements. This unique undercarriage also improves lifting performance over the front and side of the machine.

Performance

High level of sustained production, improved performance, reliability and durability increase your productivity and lower your operating costs.

Engine and Hydraulics

A powerful Cat C9 ACERT engine that meets EU Stage II equivalent emission standards combined with the highly efficient hydraulic system delivers excellent performance with low fuel consumption.

Maximum Versatility

A variety of work tools, including buckets, hammers, rippers are available for applications such as demolition, site clean-up, scrap processing, breaking up road surfaces and bedrock through Cat Work Tools.

Operation Station

The spacious cab features excellent visibility and easy-to-access switches. The monitor features a full-color graphical display that is easy to see and use. Overall, the new cab provides you with a comfortable working environment for maximum production and efficiency.



Engine

Engineered to lower your operating costs

Driving Unprecedented Performance with Lower Fuel Consumption

Emission Standards

The Cat C9 ACERT engine has been designed to meet Stage II equivalent emission standards. The engine incorporates proven robust components and precision manufacturing you can count on for reliable and efficient operation.

Filtration System

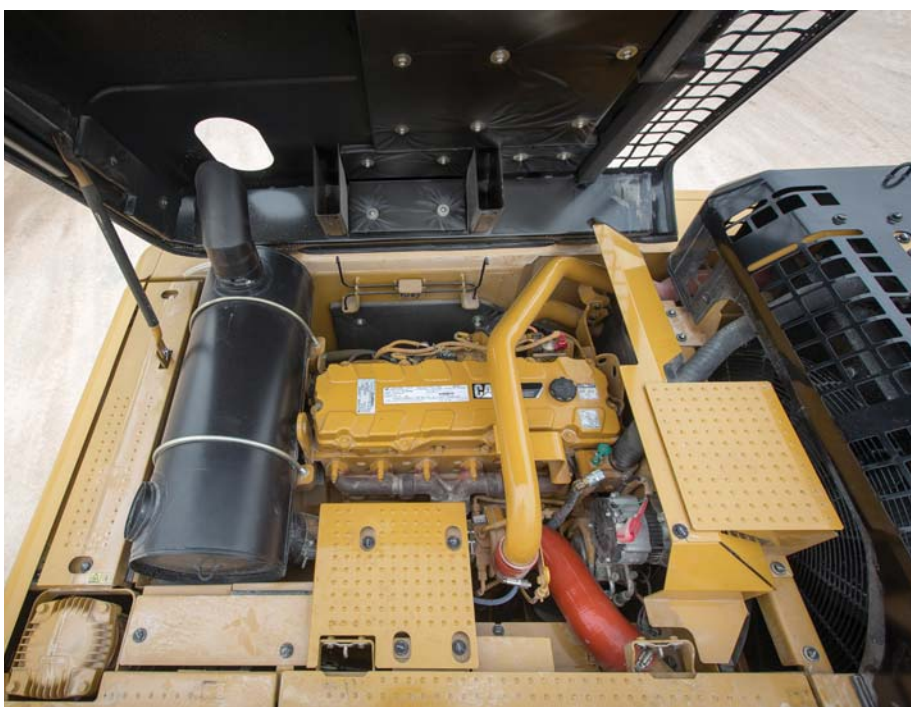
The C9 ACERT engine features an improved filtration system to ensure reliability even with less-than-quality fuel. Service intervals have been extended and the number of filters reduced to maximize your profit potential.

Automatic Engine Speed Control

Automatic engine speed control is activated during no-load or light-load conditions to reduce engine speed – all to help minimize fuel consumption.

Low Sound and Vibration

The Cat C9 ACERT engine is built to run quietly with limited vibration, which contributes to improving your comfort.



Operator Station

Comfort and convenience to keep you productive

Joystick Control and Console

Low-effort pilot-operated joystick controls are designed to match your natural wrist and arm position for maximum comfort and minimum fatigue. The right and left joystick console can be adjusted to meet your individual preferences, improving overall comfort and productivity during the course of a long work day.

Windows and Wipers

All glass is affixed directly to the cab to maximize visibility, eliminating window frames. The upper front windshield opens, closes, and stores on the roof above the operator with a one-touch action release system. Pillar-mounted wipers increase your viewing area and offer continuous and intermittent modes.



Monitor

The monitor is a full-color Liquid Crystal Display (LCD) that can be adjusted to minimize glare, and it has the capability of displaying information in 28 languages to meet the needs of today's diverse work force.

Seat

The suspension seat provides a variety of adjustments to accommodate a wide range of operators. All seats include a reclining back, upper and lower seat slide adjustments, and height and tilt adjustments to meet your needs for comfort and productivity.

Climate Control

Positive filtered ventilation with a pressurized cab is standard. Fresh air or re-circulated air can be selected with a switch on the left console.

Cab Structure and Mounts

The cab shell is attached to the frame with viscous rubber mounts, which dampen vibrations and sound levels while enhancing your comfort. Thick steel tubing along the bottom perimeter improves the cab's resistance to fatigue and vibration.



Hydraulics

Power to move your material with speed and precision



Hydraulic System

Hydraulic system pressure from the two hydraulic pump system delivers terrific digging performance and productivity.

Pilot System

An independent pilot pump enables smooth, precise control for the front linkage, swing, and travel operations.

Component Layout

The hydraulic system and component locations have been designed to provide a high level of system efficiency. The main pumps, control valves, and hydraulic tank are located close together to allow for shorter tubes and lines between components, reducing friction loss and pressure drops.

Auxiliary Hydraulic Valve

Control circuits are available as attachments to improve versatility. They allow operation of pressure tools.

Boom and Stick Regeneration Circuit

Boom and stick regeneration circuits save energy during boom-down and stick-in operation to increase efficiency and reduce cycle times and pressure loss for higher productivity, lower operating costs, and increased fuel efficiency.



Structures

Designed to work in your tough, heavy-duty applications

Robotic Welding

Up to 95% of the structural welds on a Cat Excavator are completed by robots. Robotic welds achieve over three times the penetration of manual welds.

Long, Heavy-Duty, High-Wide (HDHW) Undercarriage

The HDHW undercarriage maximizes stability and lift capacity over the front and side, compared to a standard long undercarriage.

The higher ground clearance is ideal in rocky environments, bringing the carbody and upperframe in safer high position.

The durable X-shaped box-section carbody absorbs stresses, and provides excellent resistance to torsional bending.

Robot-welded track roller frames are press-formed, pentagonal units to deliver exceptional strength and service life.

Rollers and Idlers

Sealed and lubricated track rollers, carrier rollers, and idlers provide excellent service life, to keep the machine in the field longer.

Tracks

The 340D2 L track links are assembled and sealed with grease to decrease internal bushing wear, reduce travel noise and extend service life lowering operating costs.

Counterweights

The 6.25 mt and 8.45 mt counterweights are bolted directly to the main frame for extra rigidity.

The 8.45 mt HD counterweight makes a better choice for heavy lifting applications that require additional machine stability, especially with Mass Excavation front parts.

Front Linkage

Options to take on your far-reaching or up-close tasks

Heavy-duty Front Linkage

The 6.5 m (21'4") heavy-duty (HD) reach boom is reinforced to be used in the severest applications for maximum digging capability. The boom is made of high-tensile-strength steel using a large box-section design with interior baffle plates and an additional bottom guard for long life and durability.

The 3.2 m (10'6") heavy-duty (HD) stick is a versatile option that will meet the needs for most construction applications.

Mass Excavation Front Linkage

The mass excavation (ME) front linkage is designed to maximize machine performance through superior digging forces and a larger bucket capacity.

The 6.18 m (20'3") mass excavation boom is reinforced with a large cross section and internal baffle plates for long life and durability.

The 2.55 m (8'4") and 2.15 m (7'1") sticks are designed for large earth moving and are made of high-tensile-strength steel in a box section for enhanced strength and durability.





Work Tools

Tools to make you productive and profitable

Each Cat work tool is designed to optimize the versatility and performance of your machine. An extensive range of buckets, compactors, grapples, multi-processors, rippers, crushers, pulverizers, hammers and shears is available for your 340D2 L.

Buckets

Cat buckets and Cat Ground Engaging Tools (GET) are designed and matched to the machine to ensure optimal performance and fuel efficiency.

General Duty Buckets (GD)

General Duty buckets are designed for use in low impact, lower abrasion materials such as dirt, loam, and mixed compositions of dirt and fine gravel.

Heavy Duty Buckets (HD)

Heavy Duty buckets are designed for a wide range of impact and abrasion conditions including mixed dirt, clay and rock. This bucket style is recommended for trenching work, and for the general contractor working in a variety of different applications.

Severe Duty Buckets (SD)

Severe Duty buckets are designed for higher abrasion conditions such as shot granite. When compared to the Heavy Duty bucket, wear bars and wear plates are substantially thicker and larger and add protection against abrasion and gouging wear.

Rip and Load Package

Caterpillar offers a unique Rip and Load arrangement for hydraulic excavators working in quarries that are specialists in aggregates production. Quick couplers, Ripper tines and Rock buckets that are fully compatible with the Cat Excavator range will deliver excellent ripping and loading performance. Minimum tool change times will help match ripping, loading and rock production needs. Ripper-to-bucket changes are made hydraulically in less than 35 seconds. This gives the operator complete flexibility to continually adjust ripping, sorting and loading work.

E Series Hammers

Cat E Series Hammers feature a rugged design for extended durability and solid reliability, and features such as automatic shut-off, silencing and vibration buffering make them easy on the operator. The E Series Hammers are designed to be field serviceable with common hand tools to keep them operating at peak performance.

Demolition and Sorting Grapple

The demolition and sorting grapple means considerable savings in terms of transportation and dumping costs as well as manpower, as you can now sort out demolition debris at source and transport it separately to recycling plants.

Service and Maintenance

Designed to make your maintenance quick and easy

Ground-Level Service

The design and layout of the 340D2 L was made with the service technician in mind. Most service locations are easily accessible at ground level to allow service and maintenance to get completed quickly and efficiently.

Air Filter Compartment

The air filter features a double-element construction for superior cleaning efficiency. When the air cleaner plugs, a warning is displayed on the monitor screen inside the cab.

Pump Compartment

A service door on the right side of the upper structure allows ground-level access to the pump, pilot filter, and water separator with primary fuel filter.

Radiator Compartment

The left rear service door allows easy access to the engine radiator, oil cooler, air-to-air-aftercooler, water separator, second and third fuel filters, and fuel cooler. A reserve tank and drain cock are attached to the radiator for simplified maintenance.

Greasing Points

A concentrated remote greasing block on the boom delivers grease to hard-to-reach locations on the front.



Fan Guard

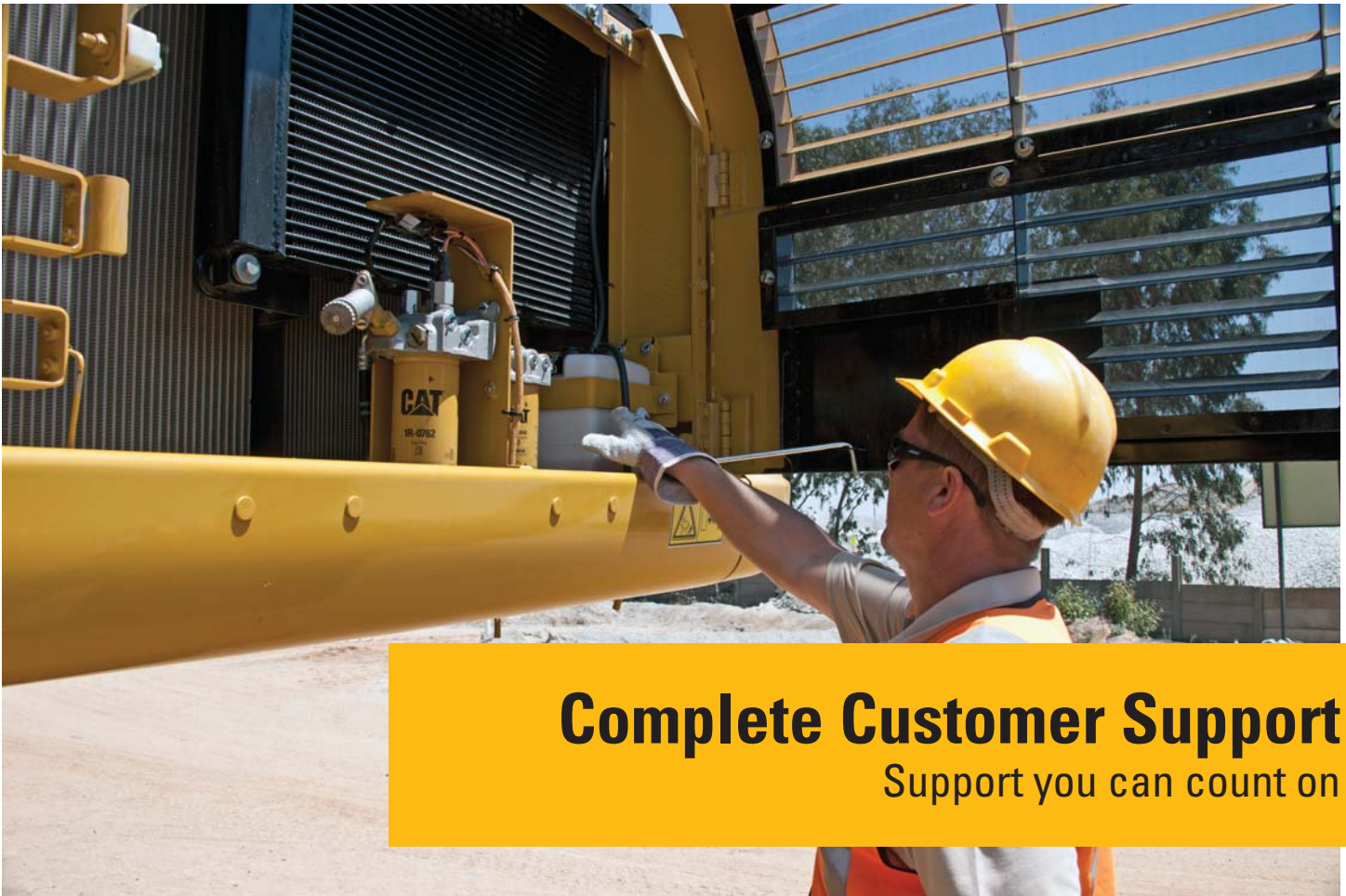
The engine radiator fan is completely enclosed by fine wire mesh, reducing the risk of an accident.

Anti-Skid Plate

Anti-skid plate covers top of storage box and upper structure to prevent slipping during maintenance.

Diagnostics and Monitoring

The 340D2 L is equipped with S·O·SSM sampling ports and hydraulic test ports for the hydraulic system, engine oil, and for coolant.



Complete Customer Support

Support you can count on

Product Support

You will find nearly all parts at our dealer parts counter. Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can also save money with our line of remanufactured components.

Machine Selection

Make detailed comparisons of the machines you are considering before you buy. What are the job requirements, machine attachments, and operating hours? What production is needed? Your Cat dealer can provide recommendations.

Maintenance Services

Repair option programs guarantee the cost of repairs up front. Condition monitoring services and diagnostic programs such as scheduled oil sampling, coolant sampling, and technical analysis help you avoid unscheduled repairs.

Customer Support Agreements

Cat dealers offer a variety of product support agreements and work with customers to develop a plan the best meets specific needs. These plans can cover the entire machine – including attachments – to help protect the customer's investment.

Replacement

Repair, rebuild, or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.

340D2 L Hydraulic Excavator Specifications

Engine

Engine Model	Cat C9 ACERT	
Type	Direct Injection with Turbocharger Aftercooler	
Engine Power (ISO 14396)	209 kW	284 hp
Net Power (SAE J1349/ISO 9249)	200 kW	272 hp
Displacement	8.8 L	537 in ³
Bore	112 mm	4.41 in
Stroke	149 mm	5.87 in
Rated Speed (engine)	1,800 rpm	
Rated Speed (machine)	1,700 rpm	
Hi-Idle Speed (machine)	1,700 rpm	
Low-Idle Speed (machine)	800 rpm	
Maximum Torque (torque peak) @ 1,400 rpm	1356 N·m	1,000 lbf-ft
Maximum Altitude (without derate)	2300 m	7,546 ft

- All engine horsepower (hp) are metric including front page.
- The C9 ACERT engine meets Stage II equivalent emission standards.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- Full engine net power up to 2300 m (7,546 ft) altitude (engine derating required above 2300 m [7,546 ft]).

Swing Mechanism

Swing Speed	8.98 rpm	
Swing Torque	108 661 N·m	80,144 lbf-ft

Drive

Maximum Travel Speed	4.85 km/h	3.01 mph
Maximum Drawbar Pull	300.5 kN	67,555 lbf
Gradeability	30°/70%	

Service Refill Capacities

Fuel Tank Capacity	620 L	163.79 gal
Cooling System	40 L	10.57 gal
Engine Oil	40 L	10.57 gal
Swing Drive	19 L	5.02 gal
Final Drive (each)	8 L	2.11 gal
Hydraulic System Oil (including tank)	410 L	108.31 gal
Hydraulic Tank Oil	175 L	46.2 gal

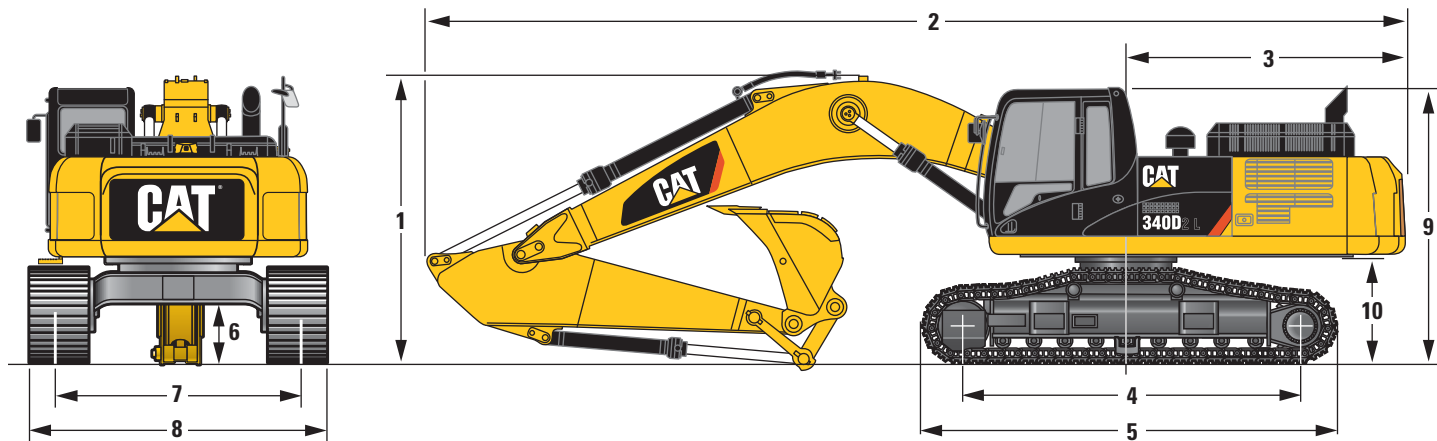
Hydraulic System

Main System – Maximum Flow (each)	265 L/min	70 gal
Swing System – Maximum Flow	265 L/min	70 gal
Maximum Pressure – Equipment	35 MPa	5,076 psi
Maximum Pressure – Travel	35 MPa	5,076 psi
Maximum Pressure – Swing	28 MPa	4,061 psi
Pilot System – Maximum Flow	40 L/min	10.6 gal/min
Pilot System – Maximum Pressure	4000 kPa	580.2 psi
Boom Cylinder – Bore	150 mm	5.9 in
Boom Cylinder – Stroke	1440 mm	56.7 in
Stick Cylinder – Bore	170 mm	6.7 in
Stick Cylinder – Stroke	1738 mm	68.4 in
DB Bucket Cylinder – Bore	150 mm	5.9 in
DB Bucket Cylinder – Stroke	1151 mm	45.3 in
TB Bucket Cylinder – Bore	160 mm	6.3 in
TB Bucket Cylinder – Stroke	1356 mm	53.4 in

340D2 L Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



	HD Reach Boom 6.5 m (21'4")	HD Reach Boom 6.5 m (21'4")	Mass Boom 6.18 m (20'3")	
Counterweight	6.25 mt	8.45 mt	8.45 mt	8.45 mt
Stick Type	R3.2DB HD (10'6")	R3.2DB (10'6")	M2.55TB (8'4")	M2.15TB (7'1")
1 Shipping Height*	3530 mm (11'7")	3530 mm (11'7")	3780 mm (12'5")	3740 mm (12'3")
2 Shipping Length	11 120 mm (36'6")	11 120 mm (36'6")	10 900 mm (35'9")	11 150 mm (36'7")
3 Tail Swing Radius	3490 mm (11'5")	3490 mm (11'5")	3490 mm (11'5")	3490 mm (11'5")
4 Length to Center of Rollers	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")	4040 mm (13'3")
5 Track Length	5060 mm (16'7")	5060 mm (16'7")	5060 mm (16'7")	5060 mm (16'7")
6 Ground Clearance*	742 mm (2'5")	742 mm (2'5")	742 mm (2'5")	742 mm (2'5")
Ground Clearance**	690 mm (2'3")	690 mm (2'3")	690 mm (2'3")	690 mm (2'3")
7 Track Gauge	2920 mm (9'7")	2920 mm (9'7")	2920 mm (9'7")	2920 mm (9'7")
8 Transport Width				
600 mm (24") Shoes	3520 mm (11'7")	3520 mm (11'7")	3520 mm (11'7")	3520 mm (11'7")
700 mm (28") Shoes	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")
9 Cab Height	3360 mm (11'0")	3360 mm (11'0")	3360 mm (11'0")	3360 mm (11'0")
10 Counterweight Clearance**	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")
Bucket Type	SDV	SDV	SD	SD
Bucket Capacity	1.9 m ³ (2.49 yd ³)	2.15 m ³ (2.81 yd ³)	2.41 m ³ (3.15 yd ³)	2.41 m ³ (3.15 yd ³)
Bucket Tip Radius	1845 mm (6'1")	1809 mm (5'9")	1893 mm (6'2")	1893 mm (6'2")

*Including shoe lug height.

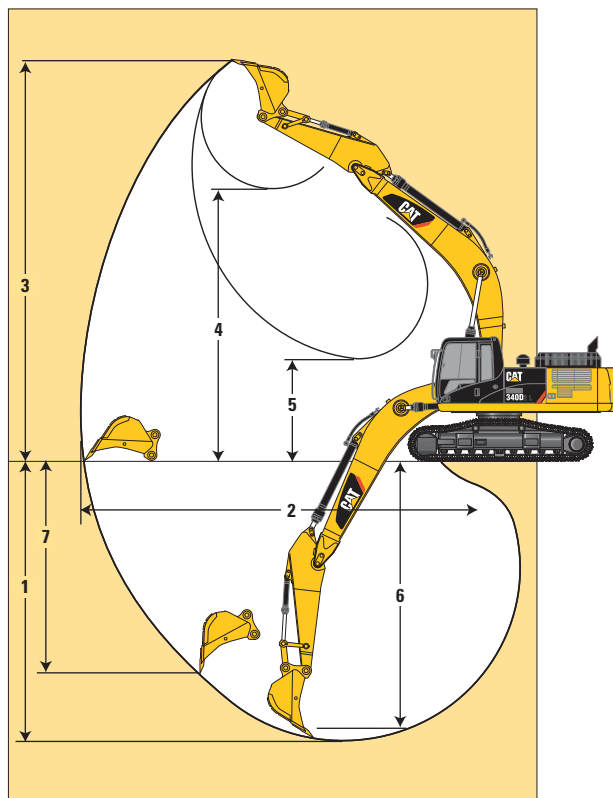
**Without shoe lug height.

Dimensions may vary depending on bucket selection.

340D2 L Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



	HD Reach Boom 6.5 m (21'4")	HD Reach Boom 6.5 m (21'4")	Mass Boom 6.18 m (20'3")	
Counterweight	6.25 mt	8.45 mt	8.45 mt	8.45 mt
Stick Type	R3.2DB HD (10'6")	R3.2DB HD (10'6")	M2.55TB (8'4")	M2.15TB (7'1")
1 Maximum Digging Depth	7590 mm (24'11")	7560 mm (24'10")	6650 mm (21'10")	6250 mm (20'6")
2 Maximum Reach at Ground Level	11 130 mm (36'6")	11 090 mm (36'5")	10 260 mm (33'8")	9830 mm (32'3")
3 Maximum Cutting Height	10 250 mm (33'8")	10 250 mm (33'8")	9970 mm (32'9")	9620 mm (31'7")
4 Maximum Loading Height	7000 mm (23'0")	7030 mm (23'1")	6610 mm (21'8")	6330 mm (20'9")
5 Minimum Loading Height	2500 mm (8'2")	2540 mm (8'2")	2920 mm (9'7")	3320 mm (10'11")
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6790 mm (22'3")	6790 mm (22'3")	5810 mm (19'1")	5280 mm (17'4")
7 Maximum Vertical Wall Digging Depth	5480 mm (18'0")	5390 mm (17'8")	4450 mm (14'7")	3810 mm (12'6")
Bucket Digging Force (ISO)	211 kN (47,460 lbf)	211 kN (47,460 lbf)	265 kN (59,570 lbf)	265 kN (59,570 lbf)
Stick Digging Force (ISO)	167 kN (37,520 lbf)	167 kN (37,520 lbf)	191 kN (42,880 lbf)	222 kN (49,950 lbf)
Bucket Digging Force (SAE)	185 kN (41,440 lbf)	185 kN (41,440 lbf)	229 kN (51,410 lbf)	229 kN (51,410 lbf)
Stick Digging Force (SAE)	162 kN (36,360 lbf)	162 kN (36,360 lbf)	183 kN (41,130 lbf)	212 kN (47,630 lbf)
Bucket Type	SDV	SDV	SD	SD
Bucket Capacity	1.9 m ³ (2.49 yd ³)	2.15 m ³ (2.81 yd ³)	2.41 m ³ (3.15 yd ³)	2.41 m ³ (3.15 yd ³)
Bucket Tip Radius	1845 mm (6'1")	1809 mm (5'9")	1893 mm (6'2")	1893 mm (6'2")

Dimensions may vary depending on bucket selection.

340D2 L Hydraulic Excavator Specifications

Operating Weight and Ground Pressure

		600 mm (24") Double Grouser Shoes		700 mm (28") Triple Grouser Shoes	
Counterweight 6.25 mt					
HD Reach Boom – 6.5 m (21'4")					
R3.2DB (10'6")	38 600 kg (85,100 lb)	71.9 kPa (10.4 psi)	38 100 kg (84,000 lb)	60.9 kPa (8.8 psi)	
Counterweight 8.45 mt					
HD Reach Boom – 6.5 m (21'4")					
R3.2DB (10'6")	40 900 kg (90,200 lb)	76.2 kPa (11.1 psi)	40 400 kg (89,100 lb)	64.5 kPa (9.4 psi)	
Mass Boom – 6.18 m (20'3")					
M2.55TB (8'4")	41 200 kg (90,800 lb)	76.8 kPa (11.1 psi)	40 700 kg (89,700 lb)	65.0 kPa (9.4 psi)	
M2.15TB (7'1")	41 100 kg (90,600 lb)	76.6 kPa (11.1 psi)	40 600 kg (89,500 lb)	64.8 kPa (9.4 psi)	

Major Component Weights

Lower Structure (without counterweight and track)	11 300 kg (24,900 lb)
Upper Structure (without front linkage)	
For 6.25 mt Counterweight	8200 kg (18,100 lb)
For 8.45 mt Counterweight	8200 kg (18,100 lb)
Counterweight	
6.25 mt	6300 kg (13,900 lb)
8.45 mt	8500 kg (18,700 lb)
Boom (includes lines, pins and stick cylinder)	
HD Reach Boom – 6.5 m (21'4")	4200 kg (9,300 lb)
Mass Boom – 6.18 m (20'3")	4000 kg (8,800 lb)
Stick (includes lines, pins and bucket cylinder)	
R3.2DB HD (10'6")	2000 kg (4,400 lb)
M2.55TB (8'4")	2000 kg (4,400 lb)
M2.15TB (7'1")	1900 kg (4,200 lb)
Track Shoe	
600 mm (24") double grouser	4900 kg (10,800 lb)
700 mm (28") triple grouser	4400 kg (9,700 lb)
Buckets	
SDV 1.9 m³ (2.49 yd³)	1700 kg (3,700 lb)
SDV 2.14 m³ (2.80 yd³)	2100 kg (4,600 lb)
SDV 2.15 m³ (2.81 yd³)	1800 kg (4,000 lb)
SD 2.41 m³ (3.15 yd³)	2300 kg (5,100 lb)

*Base machine includes 75 kg (165 lb) operator weight and 90% fuel weight and undercarriage with center guard.

340D2 L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.25 mt

<div><div><div><div><div></div><div>3.2 m (10'6")</div></div><div><div></div><div>R3.2DB HD</div></div><div><div></div><div>6.5 m (21'4")</div></div></div><div><div><div></div><div>600 mm (24")</div></div><div><div></div><div>2920 mm (9'7")</div></div></div><div><div><div></div><div>4040 mm (13'3")</div></div><div><div></div><div>5060 mm (16'7")</div></div></div></div></div>														
		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
														mm in
7500 mm 300 in	kg lb							*7750 *17,200	*7750 *17,200			*6700 *14,800	*6700 *14,800	7710 300
6000 mm 240 in	kg lb							*7850 *17,200	*7850 *17,200			*6500 *14,300	*6500 *14,300	8580 340
4500 mm 180 in	kg lb			*12 050 *20,850	*12 050 *20,850	*9650 *20,850	*9650 *20,850	*8450 *18,350	8250 17,750	*7700	6150	*6550 *14,350	6000 13,250	9130 360
3000 mm 120 in	kg lb			*15 200 *32,650	*15 200 *32,650	*11 150 *24,100	11 050 23,750	*9200 *19,950	7900 17,050	*8150 *17,700	6000 12,850	*6800 *14,900	5600 12,300	9410 370
1500 mm 60 in	kg lb			*17 500 *37,700	15 950 34,300	*12 450 *26,950	10 500 22,550	*9950 *21,550	7600 16,400	8200 17,600	5850 12,550	*7250 *15,950	5450 12,000	9440 380
0 mm 0 in	kg lb			*18 250 *39,500	15 500 33,300	*13 250 *28,650	10 100 21,800	*10 400 *22,550	7400 15,950	8050 17,350	5750 12,350	7800 17,150	5550 12,200	9220 370
-1500 mm -60 in	kg lb	*13 250 *29,900	*13 250 *29,900	*17 850 *38,700	15 400 33,050	*13 300 *28,800	9950 21,450	10 400 22,350	7300 15,700			8400 18,450	5950 13,100	8750 350
-3000 mm -120 in	kg lb	*20 900 *47,350	*20 900 *47,350	*16 550 *35,800	15 550 33,350	*12 600 *27,150	10 000 21,550	*9700 *20,800	7350 15,850			*8850 *19,550	6800 15,100	7960 320
-4500 mm -180 in	kg lb	*18 550 *39,900	*18 550 *39,900	*13 950 *30,000	*13 950 *30,000	*10 550 *22,450	10 250 22,150					*8900 *19,550	8750 *19,550	6750 270



ISO 10567



*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 $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.25 mt

	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
	mm	lb	mm	lb	mm	lb	mm	lb	mm	lb	mm	lb	mm in
7500 mm 300 in	kg lb						*7750 *17,200	*7750 *17,200			*6700 *14,800	*6700 *14,800	7710 300
6000 mm 240 in	kg lb						*7850 *17,200	*7850 *17,200			*6500 *14,300	*6500 *14,300	8580 340
4500 mm 180 in	kg lb			*12 050 *26,650	*12 050 *26,650	*9650 *20,850	*8450 *18,350	8150 17,500	*7700 17,000	6050 12,700	*6550 *14,350	5900 13,050	9130 360
3000 mm 120 in	kg lb			*15 200 *32,650	*15 200 *32,650	*11 150 *24,100	*9200 *19,950	7800 16,850	*8150 17,700	5900 12,700	*6800 *14,900	5500 12,150	9410 370
1500 mm 60 in	kg lb			*17 500 *37,700	15 750 33,850	*12 450 *26,950	*9950 *21,550	7500 16,200	8050 17,350	5750 12,400	*7250 *15,950	5350 11,800	9440 380
0 mm 0 in	kg lb			*18 250 *39,500	15 300 32,850	*13 250 *28,650	10 000 21,500	10 350 22,300	7300 15,700	7950 17,100	5650 12,150	7700 16,900	9220 370
-1500 mm -60 in	kg lb	*13 250 *29,900	*13 250 *29,900	*17 850 *38,700	15 200 32,650	*13 300 *28,800	9850 21,150	10 250 22,050	7200 15,500		8250 18,200	5850 12,900	8750 350
-3000 mm -120 in	kg lb	*20 900 *47,350	*20 900 *47,350	*16 550 *35,800	15 350 32,900	*12 600 *27,150	9850 21,250	*9700 *20,800	7250 15,650		*8850 *19,550	6700 14,850	7960 320
-4500 mm -180 in	kg lb	*18 550 *39,900	*18 550 *39,900	*13 950 *30,000	*13 950 *30,000	*10 550 *22,450	10 100 21,850				*8900 *19,550	8650 19,300	6750 270



ISO 10567



*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 $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt

<div><div><div><div><div></div><div>3.2 m (10'6")</div></div><div><div></div><div>R3.2DB</div></div></div><div><div><div></div><div>6.5 m (21'4")</div></div><div><div></div><div>600 mm (24")</div></div></div><div><div><div></div><div>2920 mm (9'7")</div></div><div><div></div><div>4040 mm (13'3")</div></div></div><div><div><div></div><div>5060 mm (16'7")</div></div></div></div></div>														
		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
7500 mm 300 in	kg lb							*7750	*7750			*6700 *14,800	*6700 *14,800	7710 300
6000 mm 240 in	kg lb							*7850 *17,200	*7850 *17,200			*6500 *14,300	*6500 *14,300	8580 340
4500 mm 180 in	kg lb			*12 050	*12 050	*9650 *20,850	*9650 *20,850	*8450 *18,350	*8450 *18,350	*7700	7150	*6550 *14,350	*6550 *14,350	9130 360
3000 mm 120 in	kg lb			*15 200 *32,650	*15 200 *32,650	*11 150 *24,100	*11 150 *24,100	*9200 *19,950	*9200 *19,950	*8150 *17,700	7050 15,100	*6800 *14,900	6550 14,500	9410 370
1500 mm 60 in	kg lb			*17 500 *37,700	*17 500 *37,700	*12 450 *26,950	12 200 26,350	*9950 *21,550	8900 19,200	*8450 *18,400	6900 14,800	*7250 *15,950	6450 14,150	9440 380
0 mm 0 in	kg lb			*18 250 *39,500	18 100 38,950	*13 250 *28,650	11 850 25,550	*10 400 *22,550	8700 18,750	*8600 *18,650	6800 14,600	*8050 *17,750	6550 14,450	9220 370
-1500 mm -60 in	kg lb	*13 250 *29,900	*13 250 *29,900	*17 850 *38,700	*17 850 *38,700	*13 300 *28,800	11 700 25,200	*10 450 *22,600	8600 18,550			*8650 *19,050	7000 15,500	8750 350
-3000 mm -120 in	kg lb	*20 900 *47,350	*20 900 *47,350	*16 550 *35,800	*16 550 *35,800	*12 600 *27,150	11 750 25,300	*9700 *20,800	8650 18,650			*8850 *19,550	8000 17,750	7960 320
-4500 mm -180 in	kg lb	*18 550 *39,900	*18 550 *39,900	*13 950 *30,000	*13 950 *30,000	*10 550 *22,450	*10 550 *22,450					*8900 *19,550	*8900 *19,550	6750 270



ISO 10567



*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 $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt

	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in		9000 mm/360 in				
													mm in
7500 mm 300 in	kg lb						*7750 *17,200	*7750 *17,200			*6700 *14,800	*6700 *14,800	7710 300
6000 mm 240 in	kg lb						*7850 *17,200	*7850 *17,200			*6500 *14,300	*6500 *14,300	8580 340
4500 mm 180 in	kg lb			*12 050 *32,650	*12 050 *32,650	*9650 *20,850	*9650 *20,850	*8450 *18,350	*8450 *18,350	*7700 7100	*6550 *14,350	*6550 *14,350	9130 360
3000 mm 120 in	kg lb			*15 200 *32,650	*15 200 *32,650	*11 150 *24,100	*11 150 *24,100	*9200 *19,950	9150 19,650	*8150 *17,700	6950 14,950	*6800 *14,900	9410 370
1500 mm 60 in	kg lb			*17 500 *37,700	*17 500 *37,700	*12 450 *26,950	12 100 26,050	*9950 *21,550	8800 19,000	*8450 *18,400	6800 14,650	*7250 *15,950	9440 380
0 mm 0 in	kg lb			*18 250 *39,500	17 900 38,500	*13 250 *28,650	11 750 25,250	*10 400 *22,550	8600 18,550	*8600 *18,650	6700 14,400	*8050 *17,750	9220 370
-1500 mm -60 in	kg lb	*13 250 *29,900	*13 250 *29,900	*17 850 *38,700	17 850 38,300	*13 300 *28,800	11 600 24,950	*10 450 *22,600	8500 18,300			*8650 *19,050	8750 350
-3000 mm -120 in	kg lb	*20 900 *47,350	*20 900 *47,350	*16 550 *35,800	*16 550 *35,800	*12 600 *27,150	11 600 25,000	*9700 *20,800	8550 18,450			*8850 *19,550	7960 320
-4500 mm -180 in	kg lb	*18 550 *39,900	*18 550 *39,900	*13 950 *30,000	*13 950 *30,000	*10 550 *22,450	*10 550 *22,450					*8900 *19,550	6750 270



ISO 10567



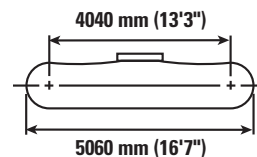
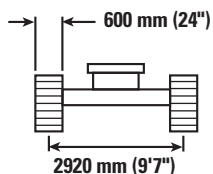
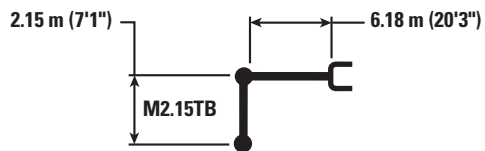
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

340D2 L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
											mm in
7500 mm 300 in	kg				*10 050	*10 050			*10 050	*10 050	6030
	lb								*22,300	*22,300	240
6000 mm 240 in	kg				*10 150	*10 150			*9700	*9700	7120
	lb				*22,150	*22,150			*21,350	*21,350	280
4500 mm 180 in	kg		*14 250	*14 250	*11 150	*11 150	*9750	9350	*9600	8850	7780
	lb		*30,650	*30,650	*24,150	*24,150	*21,300	20,150	*21,150	19,600	310
3000 mm 120 in	kg				*12 400	*12 400	*10 200	9150	*9700	8150	8100
	lb				*26,800	*26,800	*22,200	19,700	*21,350	18,000	320
1500 mm 60 in	kg				*13 350	12 150	*10 650	8900	*9850	8000	8140
	lb				*28,850	26,150	*23,100	19,200	*21,700	17,550	320
0 mm 0 in	kg		*18 150	*18 150	*13 600	11 900	*10 700	8800	*10 050	8250	7890
	lb		*39,450	39,200	*29,450	25,700	*23,100	18,950	*22,150	18,150	310
-1500 mm -60 in	kg	*17 800	*17 800	*16 950	*16 950	*13 000	11 900		*10 250	9150	7320
	lb	*40,750	*40,750	*36,750	*36,750	*28,100	25,650		*22,500	20,150	290
-3000 mm -120 in	kg	*17 950	*17 950	*14 500	*14 500	*11 050	*11 050		*10 100	*10 100	6360
	lb	*39,050	*39,050	*31,350	*31,350	*23,550	*23,550		*22,250	*22,250	250



ISO 10567



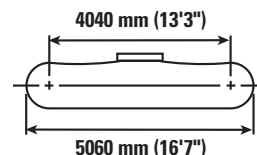
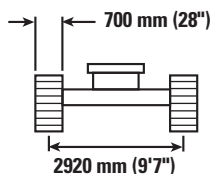
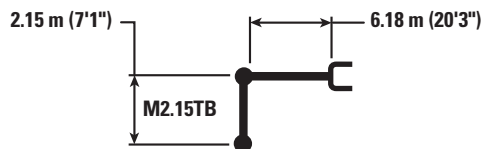
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

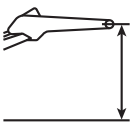











Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt



	3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
											mm in
7500 mm 300 in	kg lb				*10 050 *22,150	*10 050 *22,150			*10 050 *22,300	*10 050 *22,300	6030 240
6000 mm 240 in	kg lb				*10 150 *22,150	*10 150 *22,150			*9700 *21,350	*9700 *21,350	7120 280
4500 mm 180 in	kg lb		*14 250 *30,650	*14 250 *30,650	*11 150 *24,150	*11 150 *24,150	*9750 *21,300	9250 19,950	*9600 *21,150	8750 19,400	7780 310
3000 mm 120 in	kg lb		*36,850	*36,850	*12 400 *26,800	*12 400 *26,800	*10 200 *22,200	9050 19,450	*9700 *21,350	8100 17,800	8100 320
1500 mm 60 in	kg lb				*13 350 *28,850	12 000 25,900	*10 650 *23,100	8800 19,000	*9850 *21,700	7900 17,350	8140 320
0 mm 0 in	kg lb		*18 150 *39,450	18 050 38,750	*13 600 *29,450	11 800 25,400	*10 700 *23,100	8700 18,750	*10 050 *22,150	8150 17,950	7890 310
-1500 mm -60 in	kg lb	*17 800 *40,750	*17 800 *40,750	*16 950 *36,750	*16 950 *36,750	*13 000 *28,100	11 750 25,350		*10 250 *22,500	9000 19,900	7320 290
-3000 mm -120 in	kg lb	*17 950 *39,050	*17 950 *39,050	*14 500 *31,350	*14 500 *31,350	*11 050 *23,550	*11 050 *23,550		*10 100 *22,250	*10 100 *22,250	6360 250



ISO 10567



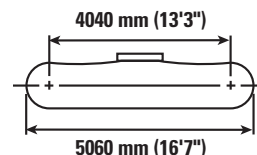
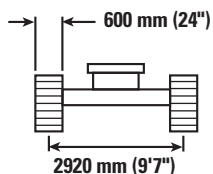
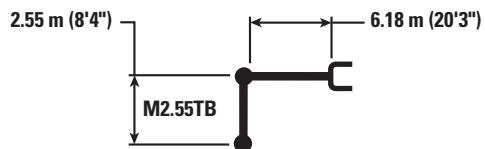
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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.

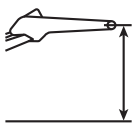











Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				
												mm in
7500 mm 300 in	kg lb					*9250 *20,450	*9250 *20,450			*8300 *18,400	*8300 *18,400	6590 260
6000 mm 240 in	kg lb					*9600 *20,850	*9600 *20,850	*9050	*9050	*7900 *17,450	*7900 *17,450	7600 300
4500 mm 180 in	kg lb			*13 400 *28,750	*13 400 *28,750	*10 650 *23,050	*10 650 *23,050	*9300 *20,300	*9300 20,250	*7900 *17,400	*7900 *17,400	8210 330
3000 mm 120 in	kg lb			*16 350 *35,150	*16 350 *35,150	*11 950 *25,900	*11 950 *25,900	*9900 *21,500	9150 19,700	*8200 *18,050	7600 16,700	8520 340
1500 mm 60 in	kg lb			*18 200 *39,250	*18 200 *39,250	*13 050 *28,250	12 200 26,250	*10 450 *22,650	8900 19,200	*8850 *19,400	7400 16,300	8550 340
0 mm 0 in	kg lb			*18 350 *39,800	18 200 39,150	*13 550 *29,300	11 900 25,650	*10 650 *23,050	8750 18,850	*9450 *20,850	7650 16,800	8310 330
−1500 mm −60 in	kg lb	*16 900 *38,350	*16 900 *38,350	*17 450 *37,800	*17 450 *37,800	*13 200 *28,550	11 850 25,500	*10 200 *21,900	8750 18,850	*9650 *21,250	8350 18,400	7780 310
−3000 mm −120 in	kg lb	*19 950 *43,300	*19 950 *43,300	*15 350 *33,200	*15 350 *33,200	*11 700 *25,100	*11 700 *25,100			*9650 *21,200	*9650 *21,200	6880 270
−4500 mm −180 in	kg lb			*11 250 *23,800	*11 250 *23,800					*8900 *19,450	*8900 *19,450	5430 210



ISO 10567



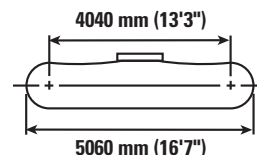
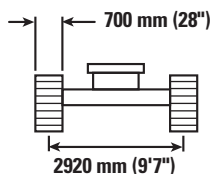
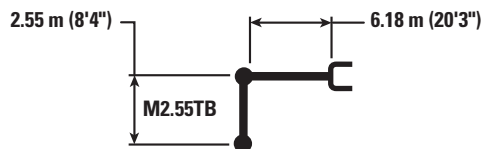
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories 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 $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt



		3000 mm/120 in		4500 mm/180 in		6000 mm/240 in		7500 mm/300 in				mm in
7500 mm 300 in	kg lb					*9250 *20,450	*9250 *20,450			*8300 *18,400	*8300 *18,400	6590 260
6000 mm 240 in	kg lb					*9600 *20,850	*9600 *20,850	*9050	*9050	*7900 *17,450	*7900 *17,450	7600 300
4500 mm 180 in	kg lb			*13 400 *28,750	*13 400 *28,750	*10 650 *23,050	*10 650 *23,050	*9300 *20,300	9300 20,050	*7900 *17,400	*7900 *17,400	8210 330
3000 mm 120 in	kg lb			*16 350 *35,150	*16 350 *35,150	*11 950 *25,900	*11 950 *25,900	*9900 *21,500	9050 19,500	*8200 *18,050	7500 16,550	8520 340
1500 mm 60 in	kg lb			*18 200 *39,250	*18 200 *39,250	*13 050 *28,250	12 050 25,950	*10 450 *22,650	8800 18,950	*8850 *19,400	7350 16,150	8550 340
0 mm 0 in	kg lb			*18 350 *39,800	18 000 38,700	*13 550 *29,300	11 750 25,350	*10 650 *23,050	8650 18,650	*9450 *20,850	7550 16,600	8310 330
-1500 mm -60 in	kg lb	*16 900 *38,350	*16 900 *38,350	*17 450 *37,800	*17 450 *37,800	*13 200 *28,550	11 700 25,200	*10 200 *21,900	8650 18,600	*9650 *21,250	8250 18,200	7780 310
-3000 mm -120 in	kg lb	*19 950 *43,300	*19 950 *43,300	*15 350 *33,200	*15 350 *33,200	*11 700 *25,100	*11 700 *25,100			*9650 *21,200	*9650 *21,200	6880 270
-4500 mm -180 in	kg lb			*11 250 *23,800	*11 250 *23,800					*8900 *19,450	*8900 *19,450	5430 210



ISO 10567



*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 $\pm 5\%$ for all available track shoes.

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

340D2 L Hydraulic Excavator Specifications

340D2 L Work Tool Offering Guide*

Boom Type	Reach HD	Mass	Reach HD	Mass	
Stick Size	R3.2DB HD	M2.55	R3.2DB HD	M2.55	
Counterweight	Standard		8.5 mt		
Hydraulic Hammer	H140Es	H140Es	H140Es	H140Es	
	H160Es	H160Es #	H160Es	H160Es #	
	H180Es *** #	H180Es ** #	H180Es *** #	H180Es #	
Multi-Processor	MP30 with CC Jaw **	MP30 with CC Jaw **	MP30 with CC Jaw	MP30 with CC Jaw	
	MP30 with CR Jaw **	MP30 with CR Jaw **	MP30 with CR Jaw	MP30 with CR Jaw	
	MP30 with PP Jaw ***	MP30 with PP Jaw **	MP30 with PP Jaw **	MP30 with PP Jaw **	
	MP30 with PS Jaw ***	MP30 with PS Jaw **	MP30 with PS Jaw	MP30 with PS Jaw	
	MP30 with S Jaw ***	MP30 with S Jaw **	MP30 with S Jaw	MP30 with S Jaw	
	MP30 with TS Jaw ***	MP30 with TS Jaw ***	MP30 with TS Jaw ***	MP30 with TS Jaw **	
Crusher	P335 **	P335 **	P335	P335	
Pulverizer	P235 ***	P325 **	P235 ***	P325	
Demolition and Sorting Grapple	G325B	G330	G330	G330	
	G330				
Mobile Scrap and Demolition Shear	S325B	S365C ##	S325B	S340 ***	
	S365C ##		S365C ##	S365C ##	
				S385C ##	S385C ##
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110	CVP110	
Contractors' Grapple	G130B	G145B	G130B	G145B	
Trash Grapple	These work tools are available for the 340D2 L. Consult your Cat dealer for proper match.				
Thumbs					
Orange Peel Grapples					
Rakes					
Pin Grabber Coupler					CL-QC
Dedicated Quick Coupler					CW-45
	CW-45S				

* Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

** Pin-on or CW coupler

*** Pin-on only

Hammer is only a match when usage is less than 50%

Boom Mount

340D2 L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – CIS Region

	Linkage	Width		Capacity		Weight		Fill	Counterweight – 6.3 mt		Counterweight – 8.5 mt	
									Boom		Boom	
									R6.5HD (21'4")	M6.18 (20'3")	R6.5HD (21'4")	M6.18 (20'3")
									Stick		Stick	
		mm	in	m ³	yd ³	kg	lb	%	R3.2HD (10'6")	M2.55 (8'4")	R3.2HD (10'6")	M2.55 (8'4")
DB/TB Linkage without Quick Coupler												
General Duty (GD)	DB	1650	65	2.12	2.76	1352	2,979	100	●		●	
	TB	1650	66	2.41	3.16	2027	4,468	100		●		●
Heavy Duty (HD)	DB	1500	60	1.88	2.46	1600	3,526	100	●		●	
	DB	1650	66	2.14	2.80	1730	3,814	100	◎		●	
	DB	1800	72	2.36	3.08	1851	4,080	100	◎		●	
	TB	1750	70	2.60	3.40	2240	4,936	100		◎		●
	TB	1800	72	2.69	3.52	2367	5,217	100		◎		●
Severe Duty (SD)	DB	1650	66	2.12	2.80	1827	4,028	90	●		●	
	TB	1700	67	2.41	3.16	2385	5,257	90		●		●
Maximum load pin-on (payload + bucket)								kg	5890	7170	7060	9320
								lb	12,982	15,803	15,560	20,541

The above loads are in compliance with hydraulic excavator standard EN474, 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.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ◎ 1800 kg/m³ (3,000 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.

340D2 L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East Region

	Linkage	Width		Capacity		Weight		Fill	Counterweight – 6.3 mt			Counterweight – 8.5 mt		
									Boom			Boom		
									R6.5HD (21'4")	M6.18 (20'3")		R6.5HD (21'4")	M6.18 (20'3")	
		Stick			Stick									
		mm	in	m³	yd³	kg	lb	%	R3.2HD (10'6")	M2.55 (8'4")	M2.15 (7'1")	R3.2HD (10'6")	M2.55 (8'4")	M2.15 (7'1")
DB/TB Linkage without Quick Coupler														
General Duty (GD)	DB	1650	65	2.12	2.76	1352	2,979	100	●			●		
	TB	1650	66	2.41	3.16	2027	4,468	100		●	●		●	●
Heavy Duty (HD)	DB	1500	60	1.88	2.46	1600	3,526	100	●			●		
	DB	1650	66	2.14	2.80	1730	3,814	100	◎			●		
	DB	1800	72	2.36	3.08	1851	4,080	100	◎			●		
	TB	1750	70	2.60	3.40	2240	4,936	100		◎	●		●	●
	TB	1800	72	2.69	3.52	2367	5,217	100		◎	●		●	●
Severe Duty (SD)	DB	1650	66	2.12	2.80	1827	4,028	90	●			●		
	TB	1700	67	2.41	3.16	2385	5,257	90		●	●		●	●
Maximum load pin-on (payload + bucket)								kg	5890	7170	7860	7060	9320	9205
								lb	12,982	15,803	17,323	15,560	20,541	20,288

The above loads are in compliance with hydraulic excavator standard EN474, 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.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ◎ 1800 kg/m³ (3,000 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.

Standard Equipment

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

ENGINE

- Diesel engine Cat C9 ACERT
- 2300 m altitude capability with no deration
- 80 amp alternator
- Air intake heater
- Stage II equivalent emission package
- High power version with Power Management Mode
- Waved fin radiator with enough space for cleaning operation
- Radial seal air filter
- Automatic engine speed control
- Water separator in fuel line
- Two (2) micron fuel filters
- Two speed travel

CAB

- Joystick without tool control system
- OSF cab with FOGS boss and metal hatch
- Seat with head rest, mechanical suspension with seat belt (51 mm/2 in)
- Sun screen
- Floor mat
- Bi-level air conditioner (auto) with defroster (pressurized function)
- Windshield washer
- Cab mirrors

ELECTRICAL

- Circuit breaker
- Adopt Cat data link with capability of using E.T.

HYDRAULIC

- Hydraulic main pump
- Regeneration circuit for boom and stick
- Capability of installing stackable valves for main valve (maximum two [2] valves)
- Capability of installing additional auxiliary pump and circuit
- Capability of installing boom lowering control device and stick lowering check valve
- Capability of installing Cat Bio hydraulic oil
- Boom lowering device for back up
- Boom drift reducing valve
- Stick drift reducing valve
- Reverse swing damping valve
- Automatic swing parking brake
- High performance hydraulic return filter
- Fine swing control

SECURITY

- Cat one key security system
- Door locks and cap locks
- Signaling/warning horn
- Mirrors, rearview (frame – right, cab – left)
- Secondary engine shutoff switch
- Capability to electrically connect a beacon

LIGHTS

- Light, storage box mounted – one (1)

UNDERCARRIAGE

- Grease Lubricated Track GLT2, resin seal
- Idler and center section track guiding guards
- Towing eye on baseframe

340D2 L Optional Equipment

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

GUARDS

- Heavy duty bottom guard
- FOGS (bolt-on)
- Full length track guiding guards

HYDRAULICS

- Boom and stick high pressure lines
- Hammer 2P, one way circuit tool control

CAB

- 12V-10A power supply with two (2) cigar lighter type sockets
- Working lights

UNDERCARRIAGE

- Tracks
 - 600 mm (24") double grouser shoe
 - 700 mm (28") triple grouser shoe

LINKAGE

- Mass boom – 6.18 m (20'3")
 - M2.55TB – 2.55 m (8'4")
 - M2.15TB – 2.15 m (7'1")
- Heavy duty reach boom – 6.5 m (21'4")
 - R3.2DB HD – 3.2 m (10'6")
- Bucket linkage
 - DB-Family (with lifting eye)
 - TB-Family (with lifting eye)

GUARDS

- Full length track guiding guard (two pieces)

OTHER OPTIONAL EQUIPMENT

- Starting kit, cold weather (–32° C/–25.6° F)
- Air prefilter
- Electric refueling pump with auto shut off

COUNTERWEIGHT

- 6.25 mt counterweight with lifting eyes
- 8.45 mt counterweight with lifting eye

INTEGRATED TECHNOLOGIES

- Product Link™

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

© 2015 Caterpillar
All rights reserved

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

CAT, CATERPILLAR, SAFETY.CAT.COM, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

AEHQ7324-03 (10-2015)
Replaces AEHQ7324-02
(AME, CIS)

