340D2 L

Hydraulic Excavator

Engine		
Engine Model	Cat® C9 with ACERT™ Technology	
Engine Power (ISO 14396)	209 kW	281 hp
Net Power (SAE J1349/ISO 9249)	208 kW	279 hp

Weights		
Operating Weight – Reach Boom	38 900 kg	85,800 lb
Operating Weight – Mass Boom	41 500 kg	91,500 lb

Performance by Design

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

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

Contents

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 machines performance is a powerful Cat C9 ACERT engine, which boasts 208 kW (279 hp) combined with a smooth, precise, hydraulic system. This highly efficient design minimizes losses and permits fast hydraulic cycle times.

Key Features

A world class design combining 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 heavy-duty high wide undercarriage, the machine can take full advantage of its fast implements. This wider and heavier 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 U.S. EPA Tier 3, EU Stage IIIA, Japan 2006 (Tier 3) equivalent, and China Nonroad III emission standards, combined with the highly efficient hydraulic system deliver 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
Powerful, reliable and economic.

Driving Unprecedented Performance with Lower Fuel Consumption

Emission Standards
The Cat C9 ACERT engine has been designed to meet U.S. EPA Tier 3, EU Stage IIIA, Japan 2006 (Tier 3) equivalent, and China Nonroad III emission standards. The engine incorporates proven robust components and precision manufacturing you can count on for reliable and efficient operation.

Isochronous Control
The Isochronous engine speed control improves fuel efficiency and reduces fuel consumption and noise levels by managing pump and engine speed.

Filtration System
The C9 ACERT engine features an improved 3-stage filtration system to ensure reliability even with low quality fuel.

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 operator comfort.

Electric Fuel Priming Pump
Electric priming pump eliminates the need for manual priming and reduces the risk of fuel contamination by preventing unfiltered fuel from being backfilled during filter changes.

Operator Station

Ergonomically designed to keep you comfortable and productive all day long.

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 operator's viewing area and offer continuous and intermittent modes.

Monitor

The LCD monitor is equipped with a warning lamp and buzzer for critical engine oil pressure, coolant temperature and oil temperature. Programmable in up to 42 languages to meet today's diverse workforce, the monitor clearly displays critical information needed to operate efficiently and effectively.

Seat

The suspension seat provides a variety of adjustments to accommodate a wide range of operators preferences. All seats include a reclining back, upper and lower seat slide adjustments, and height and tilt adjustments to meet your operator 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 operators' comfort. Thick steel tubing along the bottom perimeter improves the cab's resistance to fatigue and vibration.

Hydraulics

Cat hydraulics deliver power and precise control to keep material moving.

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.

Hydraulic Cylinder Snubbers

Snubbers are located at the rod-end of the boom cylinders and both ends of the stick cylinders to cushion shocks while reducing sound levels and extending component life.

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.

Hydraulic Cross-Sensing System

The hydraulic cross-sensing system utilizes each of two hydraulic pumps to 100 percent of engine power under all operating conditions. This improves productivity with faster implement speeds and quicker, stronger pivot turns.

Auxiliary Hydraulic Valve

Control circuits are available as attachments to improve versatility. They allow operation of high- and medium-pressure tools such as shears, grapples, hammers, pulverizers, multiprocessors, and vibratory plate compactors.

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.

Hydraulic Filter

The encapsulated filter is mounted in an external chamber from the tank which minimizes contamination risk and extends hydraulic system life.

Structures

HDHW structural components, Heavy Duty High Wide carbody and undercarriage are the backbone of the machine's durability.

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.

Heavy-duty High Wide Carbody Design and Dedicated Track Roller Frames

X-shaped, box-section carbody provides excellent resistance to torsional bending. Robot-welded track roller frames are press-formed, pentagonal units to deliver exceptional strength and service life.

HDHW Undercarriage

The heavy duty high wide (HDHW) and durable Cat undercarriage absorbs stresses and provides excellent stability. Additionally, the high ground clearance is ideal in rocky environments, bringing the carbody in a high position, less exposed to damage from rocks.

Long Undercarriage

The long undercarriage (L) maximizes stability and lift capacity. This long, wide and sturdy undercarriage offers a very stable work platform.

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.

Rollers and Idlers

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

Counterweights

The 6.25 mt (6.9 t) and 8.45 mt (9.3 t) counterweights are a good choice for heavy lifting with long and heavy duty high wide undercarriage, counterweights are bolted directly to the main frame for extra rigidity.

Front Linkage

Designed for flexibility, high productivity, and efficiency in a variety of applications.

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. Booms and sticks are stress-relieved for added durability.

The HD reach boom has two stick options available to meet all your application requirements:

- The 3.2 m (10'6") is a versatile option that will meet the needs for most construction applications.
- The 2.8 m (9'2") stick is best used with high-capacity buckets in trenching and excavation applications.

Mass Boom 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") stick is designed for large earth moving applications.
- The 2.15 m (7'1") stick is designed for extra digging and lifting forces with shorter reach.

Safety

Features to help protect you day in and day out.

Clear View

Optional rearview camera systems improve rearward and right-hand-side visibility, giving a clear view to the back side of the machine.

This not only improves job site safety, but also enhances productivity and helps to maintain the asset value of your machine.

Hydraulic Lockout Lever

The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position. It is specifically designed to not allow the operator to leave the cab without first lowering it.

Safe Platform

Anti-skid plating with countersunk bolts reduces the potential for slippage and trip hazards, providing a safe platform for all routine service and maintenance needs.

Firewall

A full length firewall separates the engine from the hydraulic pump and offers protection in the event of an incident.

Three Circuit Breakers and Battery Disconnect Switch

Three circuit breakers protect critical electrical components to increase machine uptime.

A battery disconnect switch helps to deter theft by isolating the battery and enhances safety when servicing the machine.

Shut-off Switch

Ground level shut-off switch stops all fuel to the engine when activated and shuts down the machine.

Caterpillar builds safety into every machine, allowing operators and service technicians to get home safely everyday.

Built with similar safety features like our standard machine, the 340D2 L accumulator high-pressure oil is discharged after key-off to minimize risk during servicing.

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

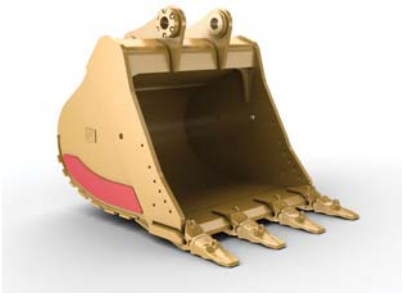
Caterpillar offers a unique Rip and Load arrangement for hydraulic excavators working in quarries that are specialists in aggregates production. Quick couplers, Ripper tines and Rock buckets that are fully compatible with the Cat Excavator range will deliver excellent ripping and loading performance. 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

Simplified service and maintenance features save you time and money.

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

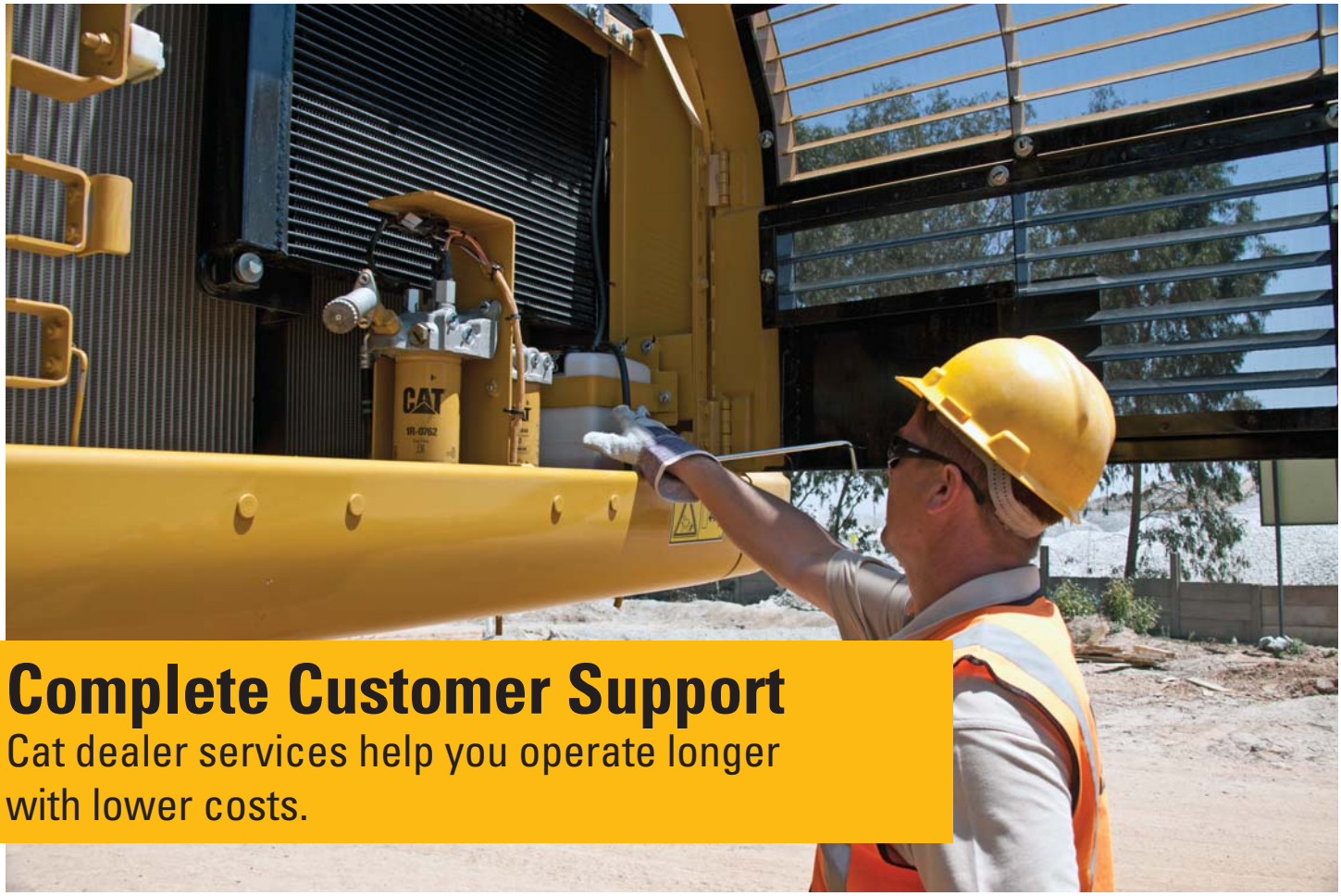
The engine radiator fan is completely enclosed by fine wire mesh, reducing the risk of an accident.

Diagnostics and Monitoring

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

Wiring Harness and Routing

Industrial-grade electrical wiring (SXL type) resists dust, water, and vibration during the entire life of the machine. The wires are color coded and numbered to facilitate troubleshooting in case of an issue. The navy-type electrical braiding over the wiring is flame resistant and properly secured by bolts, adding extra protection to the electrical system.



Complete Customer Support

Cat dealer services help you operate longer with lower costs.

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.

Engine

Engine Model	Cat C9 with ACERT Technology	
Type	Direct Injection with Turbocharger Aftercooler	
Engine Power (ISO 14396)	209 kW	281 hp
Net Power (SAE J1349/ISO 9249)	208 kW	279 hp
Displacement	8.8 L	537 in^3
Bore	112 mm	4.41 in
Stroke	149 mm	5.87 in
Maximum Altitude (without derate)	2300 m	7,546 ft

- All engine horsepower (hp) are metric including front page.
- The C9 ACERT engine meets U.S. EPA Tier 3, EU Stage IIIA, Japan 2006 (Tier 3) equivalent, and China Nonroad III 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]).

Weights

Operating Weight		
Operating Weight – Reach Boom*	38 900 kg	85,800 lb
Operating Weight – Mass Boom**	41 500 kg	91,500 lb

*6.5 m (21'4") HD Reach Boom, R2.8DB (9'2") stick, 600 mm (24") Double Grouser track shoes, 6.25 mt (6.9 t) counterweight.

**6.18 m (20'3") Mass Boom, M2.55 (8'4") mass stick, 600 mm (24") shoes, 8.45 mt (9.3 t) counterweight.

Swing Mechanism

Swing Speed	8.3 rpm	
Swing Torque	109 kN·m	80,144 lbf-ft

Drive

Gradeability	30°/70%	
Maximum Travel Speed	4.6 km/h	2.9 mph
Maximum Drawbar Pull	300 kN	67,375 lbf

Service Refill Capacities

Fuel Tank Capacity	620 L	164 gal
Cooling System	40 L	11 gal
Engine Oil	41 L	11 gal
Swing Drive	19 L	5 gal
Final Drive (each)	8 L	2 gal
Hydraulic System (including tank)	410 L	108 gal
Hydraulic Tank	175 L	46 gal

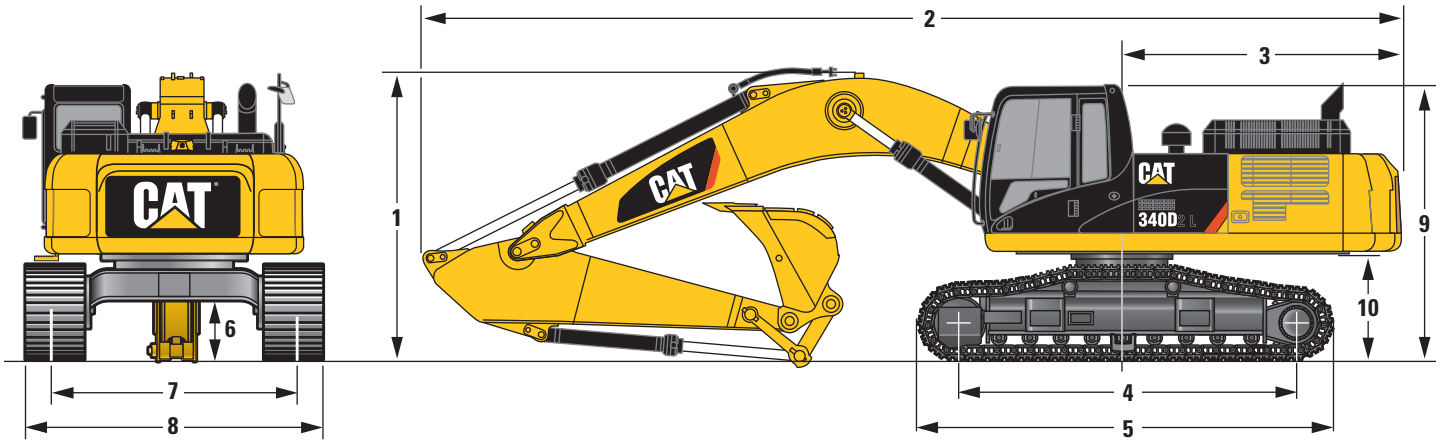
Hydraulic System

Main System – Maximum Flow (each)	281 L/min	74 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	11 gal/min
Pilot System – Maximum Pressure	4000 kPa	580 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.

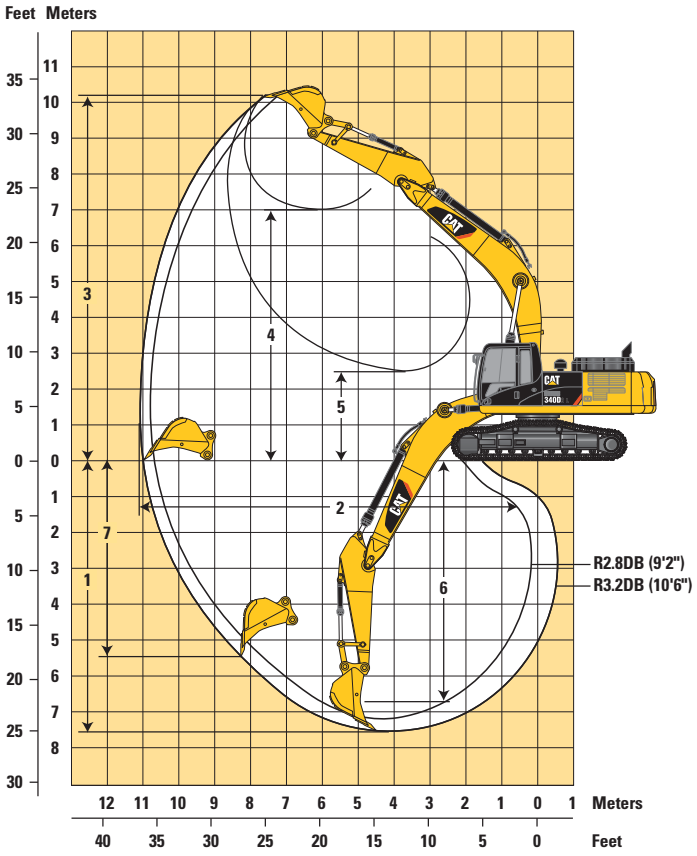


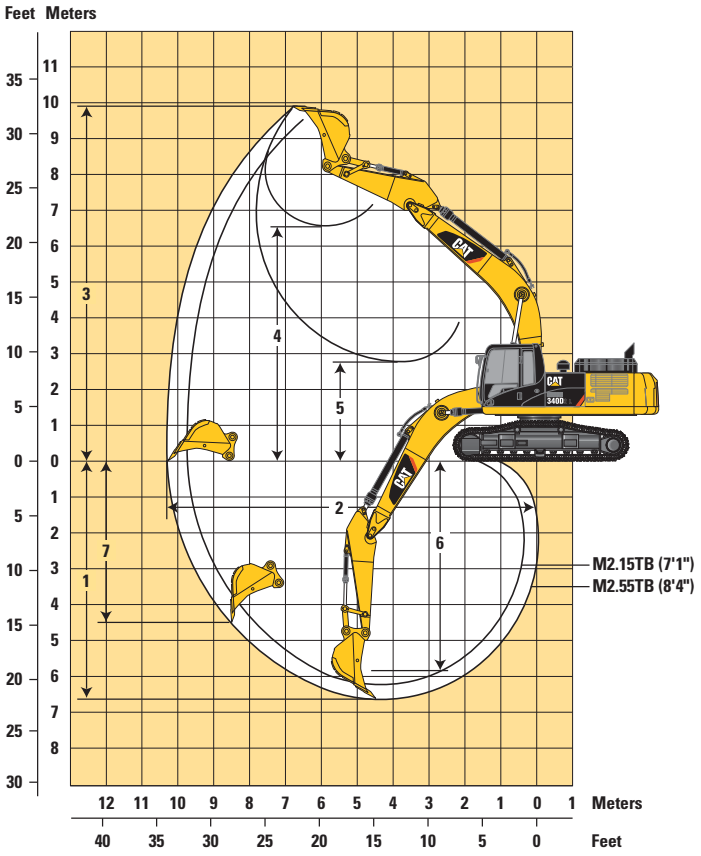
		Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Counterweight		**6.25 mt (6.9 t)**		**8.45 mt (9.3 t)**	
Stick Type		**R3.2DB (10'6")**	**R2.8DB (9'2")**	**M2.55TB (8'4")**	**M2.15TB (7'1")**
1	Shipping Height*	3530 mm (11'7")	3630 mm (11'11")	3780 mm (12'5")	3740 mm (12'3")
2	Shipping Length	11 120 mm (36'6")	11 170 mm (36'8")	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				
	700 mm (28") Shoes	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")	3620 mm (11'11")
	600 mm (24") Shoes	3520 mm (11'7")	3520 mm (11'7")	3520 mm (11'7")	3520 mm (11'7")
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		DB1550SDV	DB1550SDV	TB1650SD	TB1650SD
Bucket Capacity		SAE 1.9 m^3 (2.49 yd^3)	SAE 1.9 m^3 (2.49 yd^3)	SAE 2.41 m^3 (3.15 yd^3)	SAE 2.41 m^3 (3.15 yd^3)
Bucket Tip Radius		1845 mm (6'1")	1845 mm (6'1")	1893 mm (6'3")	1893 mm (6'3")

*Including shoe lug height.
**Without shoe lug height.

Working Ranges

All dimensions are approximate.





	Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Counterweight	**6.25 mt (6.9 t)**		**8.45 mt (9.3 t)**	
Stick Type	**R3.2DB (10'6")**	**R2.8DB (9'2")**	**M2.55TB (8'4")**	**M2.15TB (7'1")**
1 Maximum Digging Depth	7590 mm (24'11")	7190 mm (23'7")	6650 mm (21'10")	6250 mm (20'6")
2 Maximum Reach at Ground Level	11 130 mm (36'6")	10 830 mm (35'6")	10 260 mm (33'8")	9830 mm (32'3")
3 Maximum Cutting Height	10 250 mm (33'8")	10 330 mm (33'11")	9970 mm (32'9")	9620 mm (31'7")
4 Maximum Loading Height	7000 mm (23'0")	7000 mm (23'0")	6610 mm (21'8")	6330 mm (20'9")
5 Minimum Loading Height	2500 mm (8'2")	2900 mm (9'6")	2920 mm (9'7")	3320 mm (10'11")
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6790 mm (22'3")	6370 mm (20'11")	5810 mm (19'1")	5280 mm (17'4")
7 Maximum Vertical Wall Digging Depth	5480 mm (18'0")	5460 mm (17'11")	4450 mm (14'7")	3810 mm (12'6")
Bucket Type	DB1550SDV	DB1550SDV	TB1650SD	TB1650SD
Bucket Capacity	SAE 1.9 m^3 (2.49 yd^3)	SAE 1.9 m^3 (2.49 yd^3)	SAE 2.41 m^3 (3.15 yd^3)	SAE 2.41 m^3 (3.15 yd^3)
Bucket Tip Radius	1845 mm (6'1")	1845 mm (6'1")	1893 mm (6'3")	1893 mm (6'3")

340D2 L Hydraulic Excavator Specifications

Operating Weight and Ground Pressure

	700 mm (28") Triple Grouser Shoes		600 mm (24") Double Grouser Shoes	
Counterweight 6.25 mt (6.9 t)				
HD Reach Boom – 6.5 m (21'4")				
HD R3.2DB (10'6")	38 500 kg (84,900 lb)	61.5 kPa (8.9 psi)	39 000 kg (86,000 lb)	72.7 kPa (10.5 psi)
HD R2.8DB (9'2")	38 400 kg (84,700 lb)	61.3 kPa (8.9 psi)	38 900 kg (85,800 lb)	72.5 kPa (10.5 psi)
Mass Boom – 6.18 m (20'3")				
M2.55TB (8'4")	38 900 kg (85,800 lb)	62.1 kPa (9.0 psi)	39 400 kg (86,900 lb)	73.4 kPa (10.6 psi)
M2.15TB (7'1")	38 900 kg (85,800 lb)	62.1 kPa (9.0 psi)	39 400 kg (86,900 lb)	73.4 kPa (10.6 psi)
Counterweight 8.45 mt (9.3 t)				
HD Reach Boom – 6.5 m (21'4")				
HD R3.2DB (10'6")	40 700 kg (89,700 lb)	65.0 kPa (9.4 psi)	41 200 kg (90,800 lb)	76.8 kPa (11.1 psi)
HD R2.8DB (9'2")	40 600 kg (89,500 lb)	64.8 kPa (9.4 psi)	41 100 kg (90,600 lb)	76.6 kPa (11.1 psi)
Mass Boom – 6.18 m (20'3")				
M2.55TB (8'4")	41 000 kg (90,400 lb)	65.5 kPa (9.5 psi)	41 500 kg (91,500 lb)	77.3 kPa (11.2 psi)
M2.15TB (7'1")	40 900 kg (90,200 lb)	65.3 kPa (9.5 psi)	41 400 kg (91,300 lb)	77.1 kPa (11.2 psi)

Major Component Weights

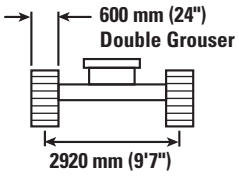
Lower Structure (without Counterweight and Track)	
Long Undercarriage	10 700 kg (23,600 lb)
Upper Structure (without front linkage)	8900 kg (19,600 lb)
Counterweight	
6.25 mt (6.9 t)	6250 kg (13,900 lb)
8.45 mt (9.3 t)	8450 kg (18,629 lb)
Boom (includes lines, pins and stick cylinder)	
HD Reach Boom – 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)	
HD R3.2DB (10'6")	2000 kg (4,400 lb)
HD R2.8DB (9'2")	1900 kg (4,200 lb)
M2.55TB (8'4")	2000 kg (4,400 lb)
M2.15TB (7'1")	1900 kg (4,200 lb)
Track Shoe	
700 mm (28") triple grouser	4400 kg (9,700 lb)
600 mm (24") double grouser	4900 kg (10,800 lb)

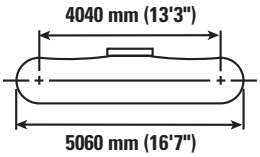
Bucket and Stick Forces

	Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Stick Type	**R3.2DB (10'6")**	**R2.8DB (9'2")**	**M2.55TB (8'4")**	**M2.15TB (7'1")**
Severe Duty Bucket (DB1550SD, TB1550SD)				
Bucket Digging Force (ISO)	210 kN (47,210 lbf)	210 kN (47,210 lbf)	265 kN (59,570 lbf)	265 kN (59,570 lbf)
Stick Digging Force (ISO)	167 kN (37,540 lbf)	185 kN (41,590 lbf)	191 kN (42,940 lbf)	222 kN (49,910 lbf)
Bucket Digging Force (SAE)	177 kN (39,790 lbf)	177 kN (39,790 lbf)	224 kN (50,360 lbf)	224 kN (50,360 lbf)
Stick Digging Force (SAE)	160 kN (35,970 lbf)	177 kN (39,790 lbf)	182 kN (40,920 lbf)	210 kN (47,210 lbf)
Severe Duty Bucket (DB1650SD, TB1650SD)				
Bucket Digging Force (ISO)	210 kN (47,210 lbf)	210 kN (47,210 lbf)	261 kN (58,680 lbf)	261 kN (58,680 lbf)
Stick Digging Force (ISO)	167 kN (37,540 lbf)	185 kN (41,590 lbf)	190 kN (42,710 lbf)	221 kN (49,680 lbf)
Bucket Digging Force (SAE)	180 kN (40,470 lbf)	180 kN (40,470 lbf)	231 kN (51,930 lbf)	231 kN (51,930 lbf)
Stick Digging Force (SAE)	161 kN (36,190 lbf)	178 kN (40,020 lbf)	184 kN (41,360 lbf)	213 kN (47,880 lbf)
Heavy Duty Bucket (TB1650HD)				
Bucket Digging Force (ISO)			264.9 kN (59,550 lbf)	264.9 kN (59,550 lbf)
Stick Digging Force (ISO)			190.8 kN (42,890 lbf)	222.2 kN (49,960 lbf)
Bucket Digging Force (SAE)			235.6 kN (52,960 lbf)	235.6 kN (52,960 lbf)
Stick Digging Force (SAE)			184.9 kN (41,560 lbf)	214.3 kN (48,180 lbf)

340D2 L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.25 mt (6.9 t)





		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**											*8400 ***18,550**	7800 **17,550**	7340 **290**
6000 mm **240 in**	kg **lb**					*9000 ***19,500**	*9000 ***19,500**	*8350 ***18,250**	7500 **16,100**			*8150 ***18,000**	6350 **14,150**	8250 **330**
4500 mm **180 in**	kg **lb**			*13 000 ***27,850**	*13 000 ***27,850**	*10 200 ***22,050**	*10 200 **22,000**	*8850 ***19,200**	7250 **15,650**			*8150 ***17,950**	5600 **12,350**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	14 450 **31,200**	*11 650 ***25,150**	9650 **20,750**	*9550 ***20,700**	7000 **15,050**	8400	5300	8250 **18,150**	5200 **11,450**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 ***38,700**	13 600 **29,300**	*12 850 ***27,750**	9150 **19,700**	*10 200 ***22,100**	6700 **14,450**	8250	5200	8100 **17,800**	5050 **11,150**	9140 **360**
0 mm **0 in**	kg **lb**			*18 300 ***39,700**	13 350 **28,650**	*13 450 ***29,100**	8850 **19,050**	*10 600 **22,850**	6550 **14,100**			8300 **18,250**	5150 **11,400**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	*17 650 ***38,250**	13 350 **28,650**	*13 300 ***28,800**	8750 **18,850**	*10 450 ***22,550**	6450 **13,950**			*8950 ***19,750**	5600 **12,300**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	13 500 **29,050**	*12 300 ***26,550**	8850 **19,050**	*9300	6600			*9050 ***19,950**	6500 **14,350**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	*13 000 ***27,850**	*9650 ***20,250**	9150 **19,800**					*8800 ***19,350**	8550 **19,250**	6330 **250**

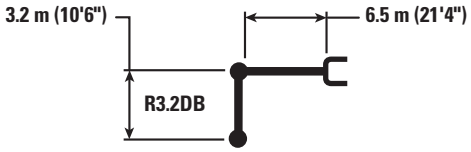
* **ISO 10567**

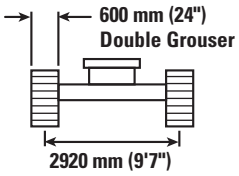
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

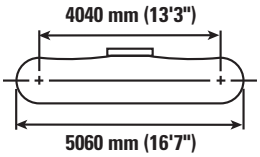
Lift capacity stays with ±5% for all available track shoes.

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

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 6.25 mt (6.9 t)







		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	7650			*6700 ***14,800**	*6700 ***14,800**	7710 **300**
6000 mm **240 in**	kg **lb**							*7850 ***17,200**	7550 **16,250**			*6500 ***14,300**	6000 **13,300**	8580 **340**
4500 mm **180 in**	kg **lb**			*12 050	*12 050	*9650 ***20,850**	*9650 ***20,850**	*8450 ***18,350**	7300 **15,750**	*7700	5450	*6550 ***14,350**	5300 **11,700**	9130 **360**
3000 mm **120 in**	kg **lb**			*15 200 ***32,650**	14 700 **31,700**	*11 150 ***24,100**	9700 **20,900**	*9200 ***19,950**	7000 **15,100**	*8150 ***17,700**	5300 **11,350**	*6800 ***14,900**	4950 **10,850**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	13 700 **29,500**	*12 450 ***26,950**	9150 **19,750**	*9950 ***21,550**	6700 **14,450**	8250 **17,700**	5150 **11,050**	*7250 ***15,950**	4800 **10,550**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	13 300 **28,550**	*13 250 ***28,650**	8800 **19,000**	*10 400 ***22,550**	6500 **14,000**	8100 **17,500**	5050 **10,850**	7850 **17,300**	4900 **10,750**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	13 200 **28,350**	*13 300 ***28,800**	8700 **18,700**	*10 450 **22,550**	6400 **13,750**			8450 **18,600**	5250 **11,500**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	13 300 **28,650**	*12 600 ***27,150**	8700 **18,750**	*9700 ***20,800**	6450 **13,900**			*8850 ***19,550**	6000 **13,250**	7960 **320**
–4500 mm **–180 in**	kg **lb**	*18 550 ***39,900**	*18 550 ***39,900**	*13 950 ***30,000**	13 650 **29,400**	*10 550 ***22,450**	8950 **19,350**					*8900 ***19,550**	7700 **17,150**	6750 **270**

* **ISO 10567**

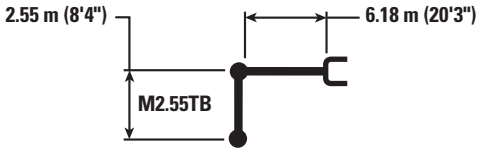
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

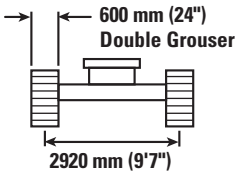
Lift capacity stays with ±5% for all available track shoes.

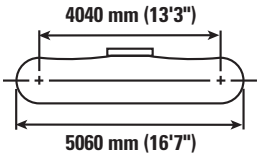
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

340D2 L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 6.25 mt (6.9 t)







		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	7350	*7900 ***17,450**	7200 **16,000**	7600 **300**
4500 mm **180 in**	kg **lb**			*13 400 ***28,750**	*13 400 ***28,750**	*10 650 ***23,050**	10 150 **21,850**	*9300 ***20,300**	7200 **15,450**	*7900 ***17,400**	6200 **13,750**	8210 **330**
3000 mm **120 in**	kg **lb**			*16 350 ***35,150**	14 450 **31,200**	*11 950 ***25,900**	9600 **20,700**	*9900 ***21,500**	6950 **14,950**	*8200 ***18,050**	5700 **12,600**	8520 **340**
1500 mm **60 in**	kg **lb**			*18 200 ***39,250**	13 650 **29,400**	*13 050 ***28,250**	9150 **19,700**	*10 450 ***22,650**	6700 **14,400**	*8850 ***19,400**	5550 **12,250**	8550 **340**
0 mm **0 in**	kg **lb**			*18 350 ***39,800**	13 400 **28,750**	*13 550 ***29,300**	8850 **19,100**	10 600 **22,850**	6550 **14,100**	9150 **20,200**	5700 **12,550**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*16 900 ***38,350**	*16 900 ***38,350**	*17 450 ***37,800**	13 400 **28,800**	*13 200 ***28,550**	8800 **18,950**	*10 200 ***21,900**	6550 **14,100**	*9650 ***21,250**	6250 **13,750**	7780 **310**
–3000 mm **–120 in**	kg **lb**	*19 950 ***43,300**	*19 950 ***43,300**	*15 350 ***33,200**	13 600 **29,250**	*11 700 ***25,100**	8950 **19,300**			*9650 ***21,200**	7500 **16,600**	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**

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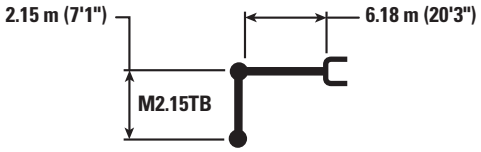
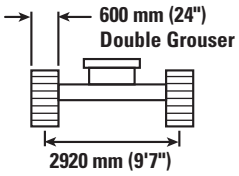
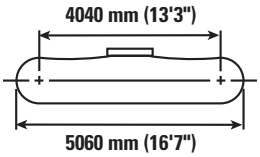
Lift capacity stays with ±5% for all available track shoes.

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

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 6.25 mt (6.9 t)







		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	*10 050			*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**	7950 **17,700**	7120 **280**
4500 mm **180 in**	kg **lb**			*14 250 ***30,650**	*14 250 ***30,650**	*11 150 ***24,150**	10 050 **21,650**	*9750 ***21,300**	7150 **15,350**	*9600 ***21,150**	6750 **14,950**	7780 **310**
3000 mm **120 in**	kg **lb**			 ***36,850**	 **30,650**	*12 400 ***26,800**	9500 **20,500**	*10 200 ***22,200**	6950 **14,900**	*9700 ***21,350**	6200 **13,600**	8100 **320**
1500 mm **60 in**	kg **lb**					*13 350 ***28,850**	9100 **19,600**	*10 650 ***23,100**	6700 **14,450**	9600 **21,100**	6000 **13,200**	8140 **320**
0 mm **0 in**	kg **lb**			*18 150 ***39,450**	13 400 **28,850**	*13 600 ***29,450**	8900 **19,150**	10 650 **22,950**	6600 **14,200**	9950 **21,900**	6200 **13,600**	7890 **310**
–1500 mm **–60 in**	kg **lb**	*17 800 ***40,750**	*17 800 ***40,750**	*16 950 ***36,750**	13 500 **29,000**	*13 000 ***28,100**	8900 **19,100**			*10 250 ***22,500**	6850 **15,100**	7320 **290**
–3000 mm **–120 in**	kg **lb**	*17 950 ***39,050**	*17 950 ***39,050**	*14 500 ***31,350**	13 750 **29,600**	*11 050 ***23,550**	9100 **19,650**			*10 100 ***22,250**	8 450 **18,800**	6360 **250**

* **ISO 10567**

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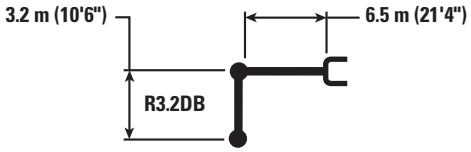
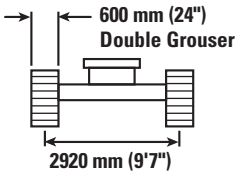
Lift capacity stays with ±5% for all available track shoes.

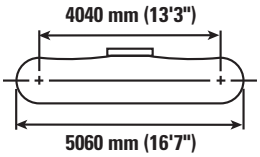
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

340D2 L Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt (9.3 t)







		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	*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	6400	*6550 ***14,350**	6250 **13,850**	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**	8250 **17,700**	*8150 ***17,700**	6300 **13,500**	*6800 ***14,900**	5850 **12,950**	9410 **370**
1500 mm **60 in**	kg **lb**			*17 500 ***37,700**	16 100 **34,700**	*12 450 ***26,950**	10 800 **23,250**	*9950 ***21,550**	7950 **17,100**	*8450 ***18,400**	6150 **13,200**	*7250 ***15,950**	5750 **12,600**	9440 **380**
0 mm **0 in**	kg **lb**			*18 250 ***39,500**	15 700 **33,750**	*13 250 ***28,650**	10 450 **22,500**	*10 400 ***22,550**	7700 **16,650**	*8600 ***18,650**	6050 **13,000**	*8050 ***17,750**	5850 **12,850**	9220 **370**
–1500 mm **–60 in**	kg **lb**	*13 250 ***29,900**	*13 250 ***29,900**	*17 850 ***38,700**	15 600 **33,550**	*13 300 ***28,800**	10 300 **22,200**	*10 450 ***22,600**	7600 **16,400**			*8650 ***19,050**	6250 **13,750**	8750 **350**
–3000 mm **–120 in**	kg **lb**	*20 900 ***47,350**	*20 900 ***47,350**	*16 550 ***35,800**	15 700 **33,800**	*12 600 ***27,150**	10 350 **22,250**	*9700 ***20,800**	7650 **16,550**			*8850 ***19,550**	7100 **15,750**	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**

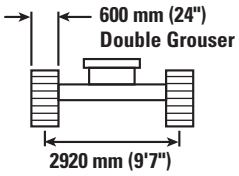
* **ISO 10567**

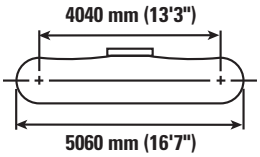
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

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

Reach Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt (9.3 t)





		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**											*8400 ***18,550**	*8400 ***18,550**	7340 **290**
6000 mm **240 in**	kg **lb**					*9000 ***19,500**	*9000 ***19,500**	*8350 ***18,250**	*8350 ***18,250**			*8150 ***18,000**	7450 **16,550**	8250 **330**
4500 mm **180 in**	kg **lb**			*13 000 ***27,850**	*13 000 ***27,850**	*10 200 ***22,050**	*10 200 ***22,050**	*8850 ***19,200**	8500 **18,300**			*8150 ***17,950**	6600 **14,600**	8820 **350**
3000 mm **120 in**	kg **lb**			*16 100 ***34,600**	*16 100 ***34,600**	*11 650 ***25,150**	11 250 **24,250**	*9550 ***20,700**	8200 **17,700**	*8450	6300	*8400 ***18,450**	6150 **13,600**	9110 **360**
1500 mm **60 in**	kg **lb**			*15 900 ***38,700**	*15 900 **34,500**	*12 850 ***27,750**	10 750 **23,200**	*10 200 ***22,100**	7950 **17,100**	*8650	6150	*8550 ***18,850**	6050 **13,250**	9140 **360**
0 mm **0 in**	kg **lb**			*18 300 ***39,700**	15 750 **33,850**	*13 450 ***29,100**	10 500 **22,600**	*10 600 ***22,900**	7750 **16,700**			*8750 ***19,300**	6150 **13,550**	8920 **350**
–1500 mm **–60 in**	kg **lb**	*12 350 ***28,100**	*12 350 ***28,100**	*17 650 ***38,250**	15 750 **33,850**	*13 300 ***28,800**	10 400 **22,350**	*10 450 ***22,550**	7700 **16,600**			*8950 ***19,750**	6650 **14,650**	8420 **340**
–3000 mm **–120 in**	kg **lb**	*21 050 ***45,750**	*21 050 ***45,750**	*16 000 ***34,700**	15 900 **34,200**	*12 300 ***26,550**	10 450 **22,550**	*9300	7800			*9050 ***19,950**	7700 **17,000**	7600 **300**
–4500 mm **–180 in**	kg **lb**	*16 750 ***35,950**	*16 750 ***35,950**	*13 000 ***27,850**	*13 000 ***27,850**	*9650 ***20,250**	*9650 ***20,250**					*8800 ***19,350**	*8800 ***19,350**	6330 **250**

* **ISO 10567**

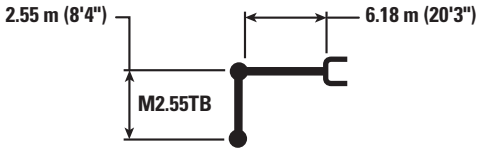
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

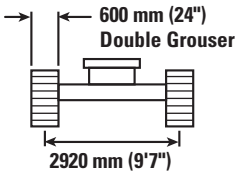
Lift capacity stays with ±5% for all available track shoes.

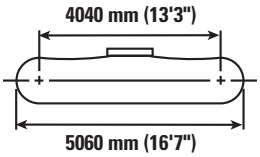
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

340D2 L Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt (9.3 t)







		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	8550	*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**	8400 **18,100**	*7900 ***17,400**	7300 **16,150**	8210 **330**
3000 mm **120 in**	kg **lb**			*16 350 ***35,150**	*16 350 ***35,150**	*11 950 ***25,900**	11 200 **24,200**	*9900 ***21,500**	8150 **17,600**	*8200 ***18,050**	6750 **14,900**	8520 **340**
1500 mm **60 in**	kg **lb**			*18 200 ***39,250**	16 050 **34,600**	*13 050 ***28,250**	10 750 **23,200**	*10 450 ***22,650**	7900 **17,050**	*8850 ***19,400**	6600 **14,550**	8550 **340**
0 mm **0 in**	kg **lb**			*18 350 ***39,800**	15 800 **33,950**	*13 550 ***29,300**	10 500 **22,600**	*10 650 ***23,050**	7750 **16,750**	*9450 ***20,850**	6800 **14,950**	8310 **330**
–1500 mm **–60 in**	kg **lb**	*16 900 ***38,350**	*16 900 ***38,350**	*17 450 ***37,800**	15 800 **33,950**	*13 200 ***28,550**	10 400 **22,450**	*10 200 ***21,900**	7750 **16,750**	*9650 ***21,250**	7400 **16,350**	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**	10 550 **22,800**			*9650 ***21,200**	8850 **19,650**	6880 **270**
–4500 mm **–180 in**	kg **lb**			*11 250 ***23,800**	*11 250 ***23,800**					*8900 ***19,450**	*8900 ***19,450**	5430 **210**

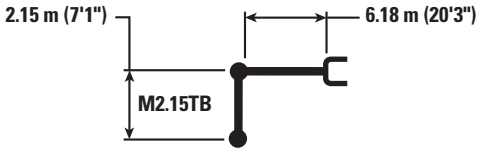
* **ISO 10567**

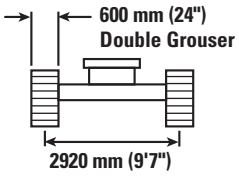
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

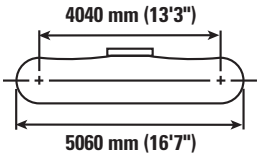
Lift capacity stays with ±5% for all available track shoes.

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

Mass Boom Lift Capacities – Long Undercarriage – Counterweight: 8.45 mt (9.3 t)







		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	*10 050			*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**	9250 **20,600**	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**	8400 **18,000**	*9600 ***21,150**	7900 **17,550**	7780 **310**
3000 mm **120 in**	kg **lb**			 ***36,850**	 **35,850**	*12 400 ***26,800**	11 150 **24,050**	*10 200 ***22,200**	8150 **17,550**	*9700 ***21,350**	7300 **16,100**	8100 **320**
1500 mm **60 in**	kg **lb**					*13 350 ***28,850**	10 700 **23,100**	*10 650 ***23,100**	7950 **17,100**	*9850 ***21,700**	7100 **15,650**	8140 **320**
0 mm **0 in**	kg **lb**			*18 150 ***39,450**	15 800 **34,000**	*13 600 ***29,450**	10 500 **22,650**	*10 700 ***23,100**	7 800 **16,850**	*10 050 ***22,150**	7350 **16,150**	7890 **310**
–1500 mm **–60 in**	kg **lb**	*17 800 ***40,750**	*17 800 ***40,750**	*16 950 ***36,750**	15 900 **34,150**	*13 000 ***28,100**	10 500 **22,600**			*10 250 ***22,500**	8100 **17,900**	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**	10 700 **23,150**			*10 100 ***22,250**	9950 **22,150**	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 ±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 – 2410 kg (5,310 lb) Hydraulic Hammer – 3230 kg (7,120 lb) Hydraulic Hammer – 4000 kg (8,820 lb)		H140Es H160Es H180Es***^	H140Es H160Es^ H180Es**^	H140Es H160Es H180Es***	H140Es H160Es^ H180Es^
Multi-Processor		MP30 with CC Jaw** MP30 with CR Jaw** MP30 with PP Jaw*** MP30 with PS Jaw*** MP30 with S Jaw*** MP30 with TS Jaw***	MP30 with CC Jaw** MP30 with CR Jaw** MP30 with PP Jaw** MP30 with PS Jaw** MP30 with S Jaw** MP30 with TS Jaw***	MP30 with CC Jaw MP30 with CR Jaw MP30 with PP Jaw** MP30 with PS Jaw MP30 with S Jaw MP30 with TS Jaw***	MP30 with CC Jaw MP30 with CR Jaw MP30 with PP Jaw** MP30 with PS Jaw MP30 with S 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#	 S365C#	S325B S365C# S385C#	 S340*** S365C# 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

\# Boom mount

^ Hammer is only a match when usage is less then 50%

Bucket Specifications and Compatibility – China Region

									Counterweight		
									6.25 mt (6.9 t)		6.25 mt (6.9 t)
									Boom		
									R6.5HD (21'4")		M6.18 (20'3")
		Width		Capacity		Weight		Fill	Stick		
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.8HD (9'2")	R3.2HD (10'6")	M2.55 (8'4")
DB/TB Linkage without Quick Coupler											
Heavy Duty (HD)	DB	1700	67	2.12	2.77	1647	3,630	100%	●	●	
	TB	1650	66	2.41	3.16	2259	4,979	100%			●
	TB	1850	73	2.69	3.52	2543	5,606	100%			◉
Severe Duty (SD)	DB	1550	62	1.88	2.46	1787	3,939	90%	●	●	
	TB	1550	61	2.14	2.80	2170	4,783	90%			●
	TB	1700	67	2.41	3.16	2409	5,309	90%			●
Extreme Duty (SD)	DB	1350	54	1.64	2.14	1804	3,976	90%	●	●	
Maximum load pin-on (payload + bucket)								kg	6195	5890	7170
								lb	13,654	12,982	15,803

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/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.

340D2 L Hydraulic Excavator Specifications

Bucket Specifications and Compatibility – CIS/AME Region

		Width		Capacity		Weight		Fill	Counterweight		
									8.45 mt (9.3 t)		
									Boom		
									M6.18 (20'3")		R6.5HD (21'4")
									Stick		
	Linkage	mm	in	m^3	yd^3	kg	lb	%	M2.15 (7'1")	M2.55 (8'4")	R3.2HD (10'6")
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	9205	9320	7060
								lb	20,288	20,541	15,560

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

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.

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 – ADSD-S Region

		Width		Capacity		Weight		Fill	Counterweight
									8.45 mt (9.3 t)
									Boom
									M6.18 (20'3")
									Stick
	Linkage	mm	in	m^3	yd^3	kg	lb	%	M2.55 (8'4")
TB Linkage without Quick Coupler									
Heavy Duty (HD)	TB	1800	72	2.69	3.52	2320	5,115	100%	●
Severe Duty Power (SDP)	TB	1350	54	1.87	2.44	2065	4,551	90%	●
Severe Duty Power Spade (SDPV)	TB	1650	66	2.41	3.16	2385	5,257	90%	●
Extreme Duty Power (XDP)	TB	1550	61	2.00	2.59	2516	5,545	90%	●
Maximum load pin-on (payload + bucket)								kg	9320
								lb	20,541

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

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.

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 – APD except China Region

									Counterweight		
									8.45 mt (9.3 t)		8.45 mt (9.3 t)
									Boom		
									R6.5HD (21'4")		M6.18 (20'3")
		Width		Capacity		Weight		Fill	Stick		
	Linkage	mm	in	m^3	yd^3	kg	lb	%	R2.8HD (9'2")	R3.2HD (10'6")	M2.55 (8'4")
DB/TB Linkage Without Quick Coupler											
Heavy Duty (HD)	DB	1700	67	2.12	2.77	1647	3,630	100%	●	●	
	TB	1650	66	2.41	3.16	2259	4,979	100%			●
	TB	1850	73	2.69	3.52	2543	5,606	100%			●
Severe Duty (SD)	DB	1550	62	1.88	2.46	1787	3,939	90%	●	●	
	TB	1550	61	2.14	2.80	2170	4,783	90%			●
	TB	1700	67	2.41	3.16	2409	5,309	90%			●
Maximum load pin-on (payload + bucket)								kg	7450	7060	9320
								lb	16,420	15,560	20,541

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

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.

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 (7,546 ft) altitude capability with no deration
- 80 amp alternator
- Air intake heater
- U.S. EPA Tier 3, EU Stage IIIA, and China Nonroad III emission standards
- 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
- Air prefilter

CAB
- Joystick without tool control system
- Floor mat
- Windshield washer
- Cab mirrors
- Pressurized cab
- Mechanical suspension seat
- Positive filtered ventilation
- Adjustable armrest
- Seat belt, retractable (51 mm [2 in] or 76 mm [3 in] width)
- 70/30 split front windshield
- Laminated upper front windshield and tempered other windows
- Sliding upper door window
- Openable front windshield with assist device
- Openable roof hatch
- Removable lower windshield, within cab storage bracket
- Pillar mounted upper windshield wiper and washer
- Bi-level air conditioner (automatic) with defroster (pressurized function)
- Full color and full graphic LCD display with warning, filter/fluid change, and working hour information
- Control lever joysticks, seat integrated
- Neutral lever (lock out) for all controls
- Travel control pedals with removable hand levers
- Two stereo speakers
- Radio mounting
- Beverage holder
- Coat hook
- Interior lighting
- Ashtray and lighter
- Rear window, emergency exit
- Capability to install two additional pedals
- Bolt-on FOGS (Falling Objects Guarding System) capability
- Sun screen
- Travel control pedals with removable hand levers

ELECTRICAL
- Circuit breaker
- Adopt Cat data link with capability of using E.T.
- Electric Refueling Pump with auto shut off switch

HYDRAULIC
- Hydraulic main pump
- Regeneration circuit for boom and stick
- Capability of installing stackable valves for main valve
- 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

SECURITY
- Caterpillar 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
- Working light, storage box mounted
- Interior lighting

UNDERCARRIAGE
- Grease Lubricated Track GLT2, resin seal
- Idler and center section track guiding guards
- Towing eye on baseframe
- Heavy duty bottom guard
- Track shoes
  - 600 mm (24") double grouser shoe
  - 700 mm (28") triple grouser shoe

GUARDS
- Full length track guiding guard (two pieces)

OTHER STANDARD EQUIPMENT
- Counterweight (6.25 mt, 6.9 t)

340D2 L Optional Equipment

Optional Equipment

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

CAB

- 12V-10A power supply

HYDRAULIC SYSTEM

- Boom and stick high pressure lines

LINKAGE

- Mass boom – 6.18 m (20'3")
  - M2.55TB stick 2.55 m (8'4")
  - M2.15TB stick 2.15 m (7'1")
- Heavy duty reach boom – 6.5 m (21'4")
  - R2.8DB stick 2.8 m (9'2")
  - R3.2DB stick 3.2 m (10'6")
- Bucket linkage
  - DB-Family (with or without lifting eye)
  - TB-Family (with or without lifting eye)
- Arctic package

OTHER OPTIONAL EQUIPMENT

- Starting kit, cold weather
- Electric refueling pump with auto shut off switch
- Counterweight (8450 kg/18,629 lb) with lifting eye
- Falling object guards (FOGS)

TECHNOLOGY

- Product Link™

Notes

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

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

AEHQ7627-01 (02-2016)
Replaces AEHQ7627
(GCN1, AME, CIS,
ADSDS, APD)