

# 336E L/LN

Hydraulic Excavator



## Engine Head

Engine Model	Cat® C9.3 (ATAAC)	
Net Power – ISO 9249 (metric)	224 kW	305 hp
Power – ISO 14396 (metric)	236 kW	321 hp

## Drive

Maximum Travel Speed	4.9 km/h
Maximum Drawbar Pull	295 kN

## Weight

Minimum Weight	36 144 kg
Maximum Weight	38 686 kg



**The 336E L/LN is built to keep your production numbers up and your owning and operating costs down.**

*Not only does the machine's C9.3 engine meet today's EU Stage IIIB emission standards, but it does so while giving you all the power, fuel efficiency, and reliability you need to succeed. Where the real power comes in is through the hydraulic system. You can literally move tons of material all day long with a great deal of speed and precision.*

*When you add in a quiet operator environment that keeps you comfortable and productive, ground-level service points that make your routine maintenance easy, and multiple Cat work tools that help you take on a variety of jobs, you simply won't find a better 36-ton machine.*

*If productivity, comfort, versatility, and fuel efficiency are what you want, the 336E L/LN excavator is what you need.*

## **Contents**

Hydraulics .....	4
Operator Station.....	5
Engine .....	6
Structures and Undercarriage .....	7
Front Linkage .....	8
Integrated Technologies.....	9
Work Tools.....	10
Serviceability .....	11
Safety .....	12
Customer Support.....	13
Sustainability .....	13
Specifications.....	14
Standard Equipment.....	34
Optional Equipment.....	35







**With a versatile hydraulic system, multiple configurations, and many work tool and tool control options, the 336E L/LN is ideal for customers engaged in road construction, and other large earthmoving projects.**

# Hydraulics

Power to move more dirt, rock, and debris with speed and precision



## A Powerful, Efficient Design

When it comes to moving heavy material quickly and efficiently, you need hydraulic horsepower – the type of ground-breaking power the 336F can deliver. Major hydraulic components like pumps and valves are located close together so shorter tubes and lines can be used. This design leads to less friction loss, reduced pressure drops, and more power to the ground for the work you need to get done.

## SmartBoom™ for Improved Comfort

SmartBoom reduces stress and vibrations transmitted to the machine and provides a more comfortable environment for the operator. It is particularly well suited for certain applications like rock scraping and hammer work.

For rock scraping, SmartBoom simplifies the task and allows the operator to concentrate on the stick and bucket while the boom freely goes up and down without using pump flow. For hammer work, the front parts automatically follow the hammer while penetrating the rock. Blank shots or excessive force on the hammer are avoided, resulting in longer life for the hammer and the machine. There are similar advantages with vibratory plates.

## Boom and Stick Oil Re-Circulation for Added Efficiency

The 336E L/LN regenerates the flow of oil from the head end of the boom and stick cylinders to the rod end of the boom and stick cylinders during the work cycle to save energy and improve fuel efficiency. It's optimized for any dial speed setting you select, which results in less pressure loss for higher controllability, more productivity, and lower operating costs for you.

## Main Control Valve and Auxiliary Hydraulics

A new one-piece, cast-block, back-to-back main control valve features resized and reshaped oil passages to improve efficiency and serviceability.

Auxiliary hydraulics and quick coupler offer greater tool versatility to take on more work with just one machine.

## Return Filter

The return filter is a capsule-type design with a cartridge inside. Unlike many competitors' offerings, the Cat cartridge features a handle to help remove and change without oil spillage or contamination. A sensor attached to the filter warns the operator if it is full or exceeds a certain pressure level.



# Operator Station

Comfort and convenience to keep you productive



## Comfortable Seat Options

Air suspension, heated, and air cooled options, combined with a reclining back, upper and lower seat slide adjustments, height and tilt angle adjustments offer the maximum comfort to meet your needs.

## Controls Just for You

The right and left joystick consoles can be adjusted to meet individual preferences, improving operator comfort and productivity during the course of a day. With the touch of a button, one-touch idle reduces engine speed to help save fuel; touch it again or move the joystick and the machine returns to normal operating level. The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations. Heavy lift mode also reduces engine speed and pump flow in order to improve controllability.

## A Helpful Monitor

The new 7" LCD monitor is 40% bigger than the previous model's, with higher resolution, improved keypad and added functionality.

Programmable in up to 42 languages to meet today's diverse workforce, the monitor clearly displays critical information you need to operate efficiently and effectively.

Plus it projects the image from the rearview camera to help you see what's going on around you so you can stay safely focused on the job at hand.

Up to two different camera images can be displayed on the screen at the same time.

# Engine

Reduced emissions, economical and reliable performance



## Cat C9.3 ACERT™ Engine

The Cat C9.3 ACERT engine delivers performance and efficiency while meeting EU Stage IIIB emission standards. ACERT Technology – a combination of electronics, fuel systems, air management systems, and aftertreatment components – is key to meeting customer expectations for productivity, fuel efficiency, reliability, and service life. To manage and conserve fuel, your operator can select three different power modes through the monitor or console switch: high power, standard power, and economy power.

## Emissions Solution

The Cat NO<sub>x</sub> Reduction System captures and cools a small quantity of exhaust gas and then routes it into the combustion chamber where it drives down temperatures to reduce emissions. System components include a Diesel Oxidation Catalyst (DOC), which uses a chemical process to convert regulated emissions in the exhaust system, and a Diesel Particulate Filter (DPF) that traps particulate matter carried into the exhaust stream. The DOC, DPF, and Cat Regeneration System are contained in a Caterpillar designed Clean Emissions Module that protects the components, minimizes aftertreatment, and simplifies maintenance.

The Cat Regeneration System is designed to work transparently without any operator interaction needed. Under most operating conditions, engine exhaust oxidizes soot through passive regeneration. If supplemental regeneration is needed, the Cat Regeneration System elevates exhaust gas temperatures to burn off soot in the DPF. This process happens automatically, but the operator can initiate the cycle if needed with a switch on the dash panel.

## Cooling System

The high-ambient cooling system features variable speed fan and a side-by-side-mounted radiator and oil and air coolers for easy cleaning.



# Structures and Undercarriage

Built to work in rugged environments



## Robust Frames

The upper frame includes reinforced mountings to support a Roll-Over Protective Structure (ROPS) cab; the lower frame is reinforced to increase component durability.

## Durable Undercarriage

Long and Long Narrow undercarriages are available to support your specific needs.

Heavy-duty track rollers, precision forged carrier rollers, press-fit pin master joints, and enhanced track shoe bolts improve durability and reduce the risk of machine downtime and the need and cost to replace components.

A new segmented three-piece guiding guard is now offered to maintain track alignment and improve performance in multiple applications.

A redesigned motor housing prevents mud packing and debris buildup around seals.

## Counterweight

Designed to match the height of the machine, the 6.0 mt counterweight is bolted directly to the main frame for maximum rigidity and features an integrated housing for the rearview camera.

# Front Linkage

Made for high stress and long service life

## Booms, Sticks and Bucket Linkage for Any Job

The 336E L/LN is offered with a range of booms and sticks. Each is built with internal baffle plates and stress-relieved for added durability, and each undergoes ultrasound inspection to ensure quality and reliability. Large box-section structures with thick, multi-plate fabrications, castings, and forgings are used in high-stress areas such as the boom nose, boom foot, boom cylinder, and stick foot to improve durability. Also, the boom nose pin retention method is a captured flag design for enhanced durability.

The Heavy Duty Reach boom (HD Reach) is designed to balance reach, digging force, and bucket capacity. It covers the vast majority of applications such as digging, loading, trenching, and working with hydraulic tools.

The Extreme Service Reach boom (ES Reach) will do multipurpose digging and loading, but its added weight makes it more durable and better suited for highly demanding applications.

The Mass Excavation boom (ME) is best used for quarry and other demanding applications. Used for high-volume production and loading, the ME front provides higher digging forces due to the geometry of the boom and stick. Bucket linkage and cylinders are more durable for excellent productivity in harsh applications.

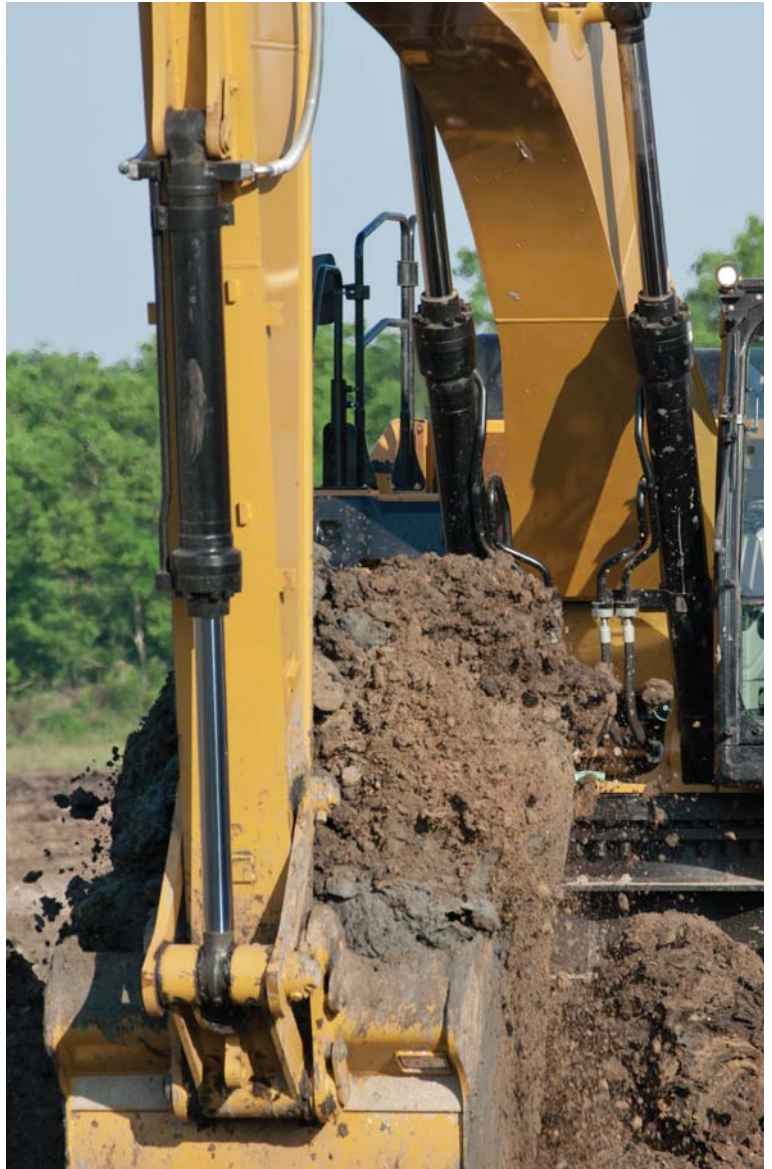
Sticks are matched to the boom. Longer sticks are better when you need to dig deep or load trucks. Shorter sticks provide greater breakout force and increase your productivity when using hydro mechanical work tools.

Bucket linkages with or without a lifting eye are available.

## Pins

All front linkage pins have thick chrome plating, giving them high wear resistance. Each pin diameter is made to distribute the shear and bending loads associated with the stick and to help ensure long pin, boom and stick life.

Talk to your Cat dealer to pick the best front linkage options for your applications.





# Integrated Technologies

Monitor, manage, and enhance your job site operations



Cat Connect makes smart use of technology and services to improve your job site efficiency. Using the data from technology-equipped machines, you'll get more information and insight into your equipment and operations than ever before.

Cat Connect technologies offer improvements in these key areas:



EQUIPMENT  
MANAGEMENT

**Equipment Management** – increase uptime and reduce operating costs.



PRODUCTIVITY

**Productivity** – monitor production and manage job site efficiency.



SAFETY

**Safety** – enhance job site awareness to keep your people and equipment safe.

## LINK Technologies

LINK technologies like Product Link™ wirelessly connect you to your equipment, giving you valuable insight into how your machine or fleet is performing. The system tracks location, hours, fuel usage, productivity, idle time, and diagnostic codes through the online VisionLink® interface so you can make timely, fact-based decisions to maximize efficiency, improve productivity, and lower operating costs.

## GRADE Technologies

GRADE technologies like Cat Grade Control Depth and Slope combine digital design data and in-cab guidance to help you work more productively and accurately with less rework. Real-time bucket tip positioning and cut and fill data on the standard cab monitor guide you to grade, saving money on fuel and materials. Easily upgrade to AccuGrade™ when 3D control is required.

# Work Tools

Dig, hammer, rip, and cut with confidence

An extensive range of Cat Work Tools includes buckets, hydraulic hammers, multi-processors, scrap and demolition shears, grapples, and rippers. Each is designed to optimize machine versatility and performance.

## CW Quick Couplers

Quick couplers allow one person to change work tools in seconds for maximum performance and flexibility on a job site. One machine can move rapidly from task to task, and a fleet of similarly equipped machines can share a common work tool inventory.

The CW quick coupler can pick up any work tool and is equipped with a wedge-style locking system that fits the quick coupler tight to the tool hinges. Due to the tapered wedge design, there won't be any play during its entire life. Also, it is interchangeable with different machine classes. The CW is highly suitable for harsh applications such as demolition and quarries.

## Buckets

Cat buckets are designed as an integral part of the 336E L/LN excavator and feature new geometry for better performance. The leading edge has been pushed forward, resulting in more efficient filling and better operator control for greatly improved productivity.

Wear coverage in the corners and side cutter and sidebar protector coverage are improved.

## Four Durability Categories Suitable for Any Situation

Caterpillar offers four standard bucket categories for excavators. Each category is based on intended bucket durability when used in recommended application and material. Each bucket durability is available as pin-on, or can be used with a Quick Coupler. Red areas on bucket images illustrate additional protection against wear as it increases across each category.

### General Duty (GD)

GD buckets are for digging in low-impact, low-abrasion material such as dirt, loam, and mixed compositions of dirt and fine gravel.

### Heavy Duty (HD)

The most popular bucket style, HD buckets are a good starting point when digging conditions are not well known like a wide range of impact and abrasion conditions that include mixed dirt, clay, and rock.

### Severe Duty (SD)

SD buckets are for higher abrasion conditions such as well shot granite and caliche.

### Extreme Duty (XD)

XD buckets are the new standard for high-abrasion conditions, including high quartzite granite.





# Serviceability

Designed to make your maintenance quick and easy



## Ground-Level Maintenance

The machine is designed to accommodate servicing most maintenance items from the safety and comfort of ground level.

## Service Doors

Wider service doors feature sturdier hinges and latches and a new screen design to help prevent debris entry; a new one-piece hood provides easier access to the engine and cooling compartments.

## Compartments

The radiator, pump, and air cleaner (1) compartments provide easy access to major components. When an air cleaner plugs, a warning is displayed on the monitor inside the cab. Also, the fresh air filter (2) is located on the side of the cab to make it easier to reach and replace as needed.



## Other Service Benefits

The water separator with water level sensor has a primary fuel filter element located in the pump compartment near ground level; the electric priming pump is mounted on the primary filter base and is easier to service than traditional hand-priming pumps.

The fuel tank features a remote drain cock located in the pump compartment to make it easy to remove water and sediment during maintenance.

The engine oil check gauge is situated in front of the engine compartment and is easy to remove. The engine oil filter is situated in the pump compartment for easy access. Changing engine oil is simple due to a unique drain cock designed to prevent spills.

# Safety

Features to help protect you day in and day out



## A Safe, Quiet Cab

The ROPS cab provides you with a safe working environment. It also contributes to your comfort because it's attached to a reinforced frame with special viscous mounts that limit vibration and unnecessary sound. Add in special roof lining and sealing and you have a significantly quieter cab. Optional Falling Object Guards (FOGS) further protect you from debris coming to the cab.

## Secure Contact Points

Multiple large steps will get you into the cab as well as a leg up to the compartments. Extended hand and guard rails allow you to safely climb to the upper deck. Anti-skid plates reduce your slipping hazards in all types of weather conditions, and they can be removed for cleaning.

## Great Views

Ample glass, combined with parallel wipers, gives you excellent visibility out front and to the side, and the standard rearview camera gives you a clear field of view behind the machine through the cab monitor.

The 70/30 split-configuration windshield features an upper window with handles that make it easy to slide and store above you and a lower window that can be removed and stored on the inside wall of the cab. A one piece fixed front windshield provides you an unobstructed forward view.

The large skylight also serves as an emergency exit and provides you with enhanced overhead visibility.

## Smart Lighting

Halogen lights provide plenty of illumination, and the cab and boom lights can be programmed to stay on for up to 90 seconds after the engine has been turned off to help you safely exit the machine. Optional High Intensity Discharge (HID) lights are available for enhanced night-time visibility.





# Customer Support

Unmatched support makes the difference

## Renowned Cat Dealer Support

- Your Cat dealer is ready to help you every step of the way. From new or used machine sales, to rental or rebuild options, your Cat dealer can provide an optimal solution to your business needs.
- Unsurpassed worldwide parts availability, trained technicians and customer support agreements maximize your machine uptime.
- Financing options are offered to meet a variety of customer needs.



## Sustainability

Generations ahead in every way



- The C9.3 ACERT engine, along with the Cat Clean Emissions Module (CEM), meets EU Stage IIIB emission standards.
- The 336E L/LN generates 11% more horsepower, moves more material, and burns less fuel than the D Series machine, which means more efficiency and productivity with less resource consumption and fewer CO<sub>2</sub> emissions.
- The 336E L/LN has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 15 ppm of sulfur or less or biodiesel (B20) fuel blended with ULSD.
- The 336E L/LN features an overfill indicator that rises when the tank is full to help the operator avoid spilling.
- The 336E L/LN's quick fill ports with connectors ensure fast, easy, and secure changing of engine and hydraulic oil.
- The 336E L/LN is built to be rebuilt with major structures and components remanufactured to reduce waste and replacement costs.

# 336E L/LN Hydraulic Excavator Specifications

## Engine

Engine Model	Cat C9.3 (ATAAC)	
Net power – ISO 9249 (metric)	224 kW	305 hp
Net power – ISO 9249 (imperial)	300 hp	
Power – ISO 14396 (metric)	236 kW	321 hp
Power – ISO 14396 (imperial)	316 hp	
Bore	115 mm	
Stroke	149 mm	
Displacement	9.3 L	

## Weights

Minimum Weight*	36 144 kg
Maximum Weight**	38 686 kg

\*HD Reach boom, R2.8DB stick, 2.28 m<sup>3</sup> GP bucket, 600 mm TG shoes.  
 \*\*Mass boom, M2.55TB stick, no bucket, 850 mm TG shoes.

## Hydraulic System

Main System – Maximum Flow (total)	578 L/min
Swing System – Maximum Flow	275 L/min
Maximum Pressure – Equipment	35 000 kPa
Maximum Pressure – Equipment (heavy lift)	38 000 kPa
Maximum Pressure – Travel	35 000 kPa
Maximum Pressure – Swing	28 000 kPa
Pilot System – Maximum Flow	26 L/min
Pilot System – Maximum Pressure	4100 kPa
Boom Cylinder – Bore	150 mm
Boom Cylinder – Stroke	1440 mm
Stick Cylinder – Bore	170 mm
Stick Cylinder – Stroke	1738 mm
DB Family Bucket Cylinder – Bore	150 mm
DB Family Bucket Cylinder – Stroke	1151 mm
TB Family Bucket Cylinder – Bore	160 mm
TB Family Bucket Cylinder – Stroke	1356 mm

## Drive

Maximum Travel Speed	4.9 km/h
Maximum Drawbar Pull	295 kN

## Swing Mechanism

Swing Speed	9.2 rpm
Swing Torque	109 kN·m

## Service Refill Capacities

Fuel Tank Capacity	620 L
Cooling System	56 L
Engine Oil (with filter)	30.5 L
Swing Drive (each)	19 L
Final Drive (each)	8 L
Hydraulic System Oil Capacity (including tank)	380 L
Hydraulic Tank Oil	194 L

## Track

Number of Shoes (each side)	49
Number of Track Rollers (each side)	9
Number of Carrier Rollers (each side)	2

## Sound Performance

Operator Sound Pressure Level ISO 6396	72 dB(A)
Exterior Sound Power Level ISO 6395	105 dB(A)*

\*Per European Union Directive 200/14/EC as amended by 2005/88/EC.

- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ISO 6396, meets requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

## Standards

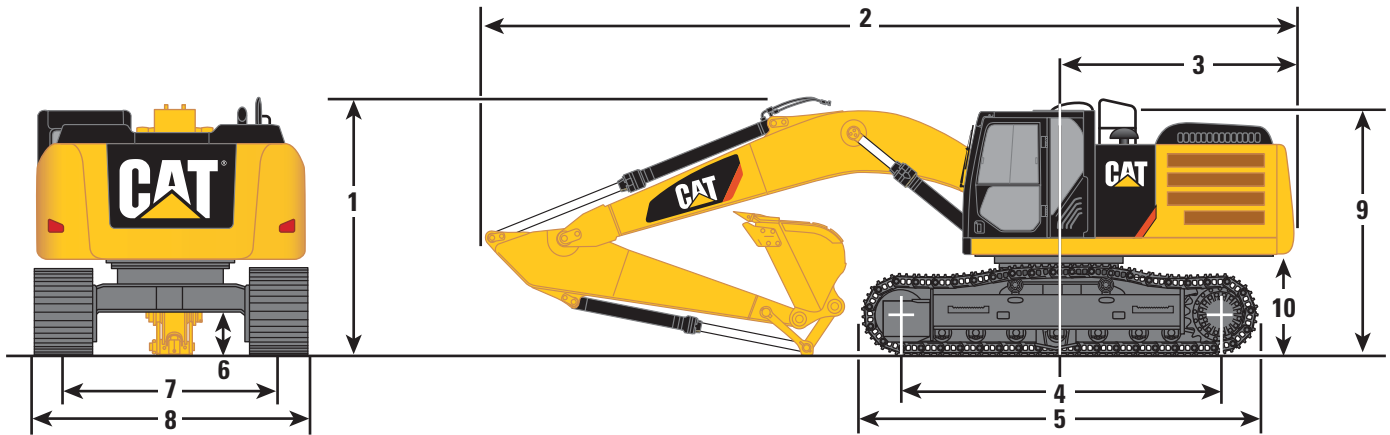
Brakes	ISO 10265 2008
Cab/FOGS	ISO 10262 1998
Cab/ROPS	ISO 12117 2008



# 336E L/LN Hydraulic Excavator Specifications

## Dimensions

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



Stick	Extreme Service and Heavy Duty Reach Boom (6.50 m)			Mass Boom (6.18 m)	
	R3.9DB	R3.2DB	R2.8DB	M2.55TB	M2.15TB
<b>1</b> Shipping Height*	3660 mm	3510 mm	3650 mm	3600 mm	3660 mm
Shipping Height with Top Guard	3660 mm	3510 mm	3510 mm	3510 mm	3660 mm
<b>2</b> Shipping Length	11 170 mm	11 160 mm	11 190 mm	10 890 mm	11 170 mm
<b>3</b> Tail Swing Radius	3460 mm	3460 mm	3460 mm	3460 mm	3460 mm
<b>4</b> Length to Center of Rollers					
Long Undercarriage	4040 mm	4040 mm	4040 mm	4040 mm	4040 mm
Long Narrow Undercarriage	NA	4040 mm	4040 mm	4040 mm	4040 mm
<b>5</b> Track Length					
Long Undercarriage	5020 mm	5020 mm	5020 mm	5020 mm	5020 mm
Long Narrow Undercarriage	NA	5020 mm	5020 mm	5020 mm	5020 mm
<b>6</b> Ground Clearance*	510 mm	510 mm	510 mm	510 mm	510 mm
Ground Clearance**	480 mm	480 mm	480 mm	480 mm	480 mm
<b>7</b> Track Gauge					
Long Undercarriage	2590 mm	2590 mm	2590 mm	2590 mm	2590 mm
Long Narrow Undercarriage	NA	2390 mm	2390 mm	2390 mm	2390 mm
<b>8</b> Transport					
600 mm Shoes (L, LN)	3190 mm	3190 mm	3190 mm	3190 mm	3190 mm
700 mm Shoes (L, LN)	3290 mm	3290 mm	3290 mm	3290 mm	3290 mm
800 mm Shoes (L)	3390 mm	3390 mm	3390 mm	3390 mm	3390 mm
850 mm Shoes (L)	3440 mm	3440 mm	3440 mm	3440 mm	3440 mm
<b>9</b> Cab Height	3150 mm	3150 mm	3150 mm	3150 mm	3150 mm
Cab Height with Top Guard	3360 mm	3360 mm	3360 mm	3360 mm	3360 mm
<b>10</b> Counterweight Clearance**	1220 mm	1220 mm	1220 mm	1220 mm	1220 mm
Bucket	Capacity	2.28 m <sup>3</sup>	2.28 m <sup>3</sup>	2.28 m <sup>3</sup>	2.1 m <sup>3</sup>
	Tip Radius	1753 mm	1753 mm	1753 mm	1895 mm

\*Including shoe lug height.

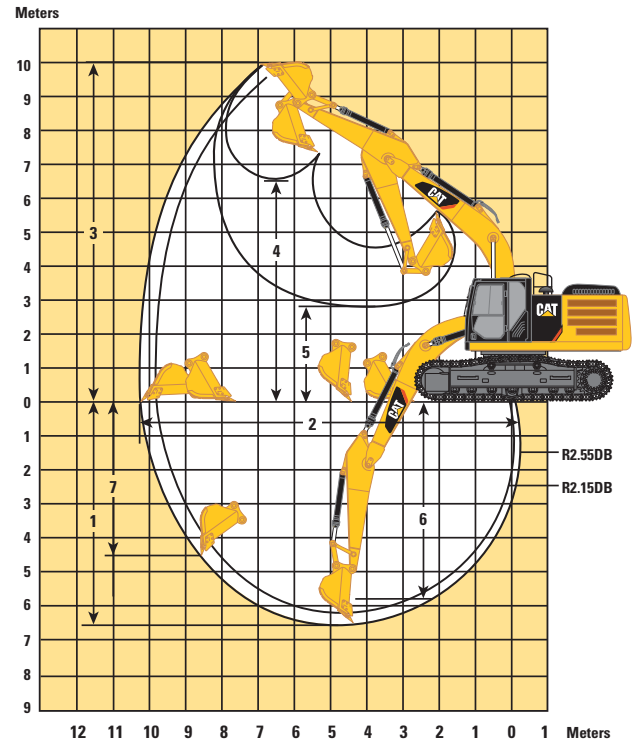
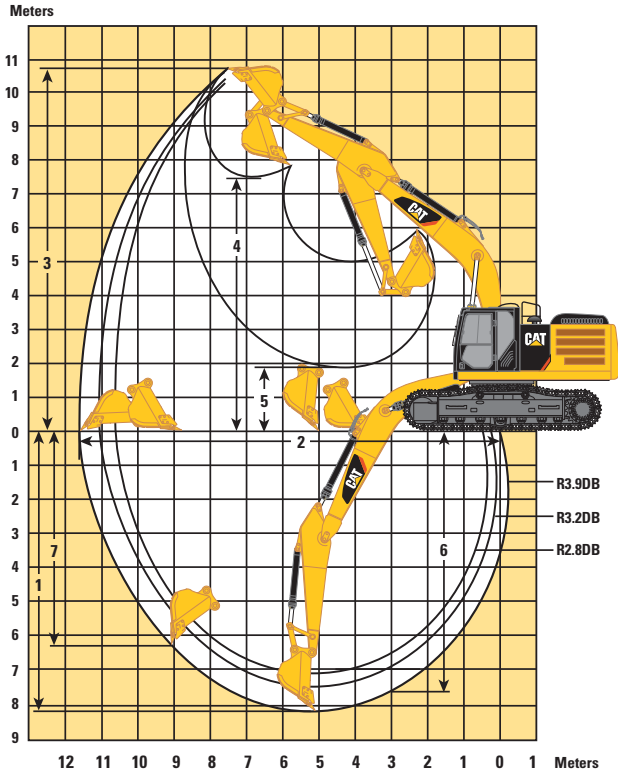
\*\*Without shoe lug height.

Dimensions for ES and HD reach booms are the same.

# 336E L/LN Hydraulic Excavator Specifications

## Working Ranges

All dimensions are approximate.



Stick	Extreme Service and Heavy Duty Reach Boom (6.50 m)			Mass Boom (6.18 m)	
	R3.9DB*	R3.2DB	R2.8DB	M2.55TB	M2.15TB
Maximum Slope	35°/70%	35°/70%	35°/70%	35°/70%	35°/70%
<b>1</b> Maximum Digging Depth	8190 mm	7490 mm	7090 mm	6650 mm	6250 mm
<b>2</b> Maximum Reach at Ground Level	11 720 mm	11 020 mm	10 710 mm	10 260 mm	9830 mm
<b>3</b> Maximum Cutting Height	10 740 mm	10 320 mm	10 370 mm	9970 mm	9630 mm
<b>4</b> Maximum Loading Height	7500 mm	7110 mm	7110 mm	6620 mm	6340 mm
<b>5</b> Minimum Loading Height	1910 mm	2610 mm	3010 mm	2920 mm	3330 mm
<b>6</b> Maximum Depth Cut for 2440 mm Level Bottom	7610 mm	6820 mm	6390 mm	5810 mm	5280 mm
<b>7</b> Maximum Vertical Wall Digging Depth	6310 mm	5500 mm	5470 mm	4450 mm	3810 mm
Bucket	Capacity	2.28 m <sup>3</sup>	2.28 m <sup>3</sup>	2.41 m <sup>3</sup>	2.41 m <sup>3</sup>
	Tip Radius	1753 mm	1753 mm	1753 mm	1895 mm

\*with L undercarriage only.

Dimensions for ES and HD reach booms are the same.



# 336E L/LN Hydraulic Excavator Specifications

## Operating Weight and Ground Pressure

	850 mm		800 mm		700 mm		600 mm	
	Triple Grouser Shoes	kg	Triple Grouser Shoes	kPa	Triple Grouser Shoes	kPa	Triple Grouser Shoes	kPa
<b>Long Undercarriage</b>								
HD Reach Boom (6.50 m)								
R3.9DB	37 300	49.0	37 000	51.7	36 300	58.0	36 000	67.1
R3.2DB	37 000	48.7	36 700	51.3	36 100	57.7	35 700	66.5
R2.8DB	36 900	48.5	36 600	51.1	35 900	57.3	35 600	66.3
ES Reach Boom (6.50 m)								
R3.2DB	38 900	51.1	38 600	53.9	37 900	60.5	37 600	70.1
Mass Boom (6.18 m)								
M2.55TB	38 100	50.1	37 800	52.8	37 100	59.3	36 800	68.6
M2.15TB	38 000	50.0	37 700	52.7	37 000	59.1	36 700	68.4
<b>Long Narrow Undercarriage</b>								
Reach Boom (6.50 m)								
R3.2DB					36 000	57.5	35 700	66.5
R2.8DB					35 900	57.3	35 600	66.3
ES Reach Boom (6.50 m)*								
R3.2DB							36 700	68.4
Mass Boom (6.18 m)								
M2.55TB					37 100	59.3	36 700	68.4
M2.15TB					37 000	59.1	36 700	68.4

Operating weight does not include a bucket. Actual weight will depend on final machine configuration.

## Bucket and Stick Forces

Stick	Extreme Service and Heavy Duty Reach Boom 6.50 m			Mass Boom 6.18 m	
	R3.9 DB	R3.2DB	R2.8DB	M2.55TB	M2.15TB
	kN	kN	kN	kN	kN
General Duty					
Bucket Digging Force (ISO)	211.8	211.8	211.8	264.9	264.9
Stick Digging Force (ISO)	144.9	166.7	185.5	190.8	222.2
Heavy Duty					
Bucket Digging Force (ISO)	209.9	209.9	209.9	264.9	264.9
Stick Digging Force (ISO)	144.5	166.1	184.8	190.8	222.2
Severe Duty					
Bucket Digging Force (ISO)	209.9	209.9	209.9	261.4	261.4
Stick Digging Force (ISO)	144.5	166.1	184.8	190.2	221.4

# 336E L/LN Hydraulic Excavator Specifications

## Major Component Weights\*

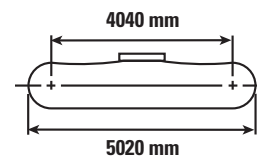
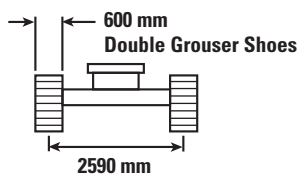
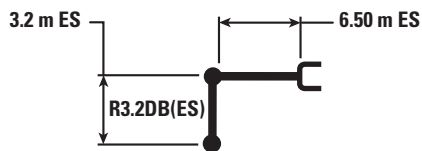
	kg
Lower Structure (without counterweight and track)	
Long Undercarriage	8700
Long Narrow Undercarriage	8600
Upper Structure (without front linkage)	9000
Counterweight	
6.0 mt	6000
Boom (includes lines, pins and stick cylinder)	
HD Reach Boom – 6.50 m	4100
ES Reach Boom – 6.50 m	4300
Mass Boom – 6.18 m	4000
Stick (includes lines, pins and bucket cylinder)	
R3.9DB HD	2100
R3.2DB HD	1800
R3.2DB ES	2000
R2.8DB HD	1700
M2.55TB	2000
M2.15TB	1900
Track Shoe	
850 mm Triple Grouser (L only)	5400
800 mm Triple Grouser (L only)	5100
700 mm Triple Grouser (L, LN)	4400
600 mm Triple Grouser HD (L, LN)	4700
600 mm Triple Grouser (L, LN)	4100
600 mm Double Grouser (L, LN)	4900
Buckets	
2.28 m <sup>3</sup> – DB	1500
2.41 m <sup>3</sup> – TB	2500

\*Base machine includes 75 kg operator weight and 90% fuel weight, and undercarriage with center guard.



# 336E L/LN Hydraulic Excavator Specifications

## 336E L Extreme Service Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m		
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg							*8600	7350			*7300	7000	7.70
6.0 m	kg							*8700	7250			*7100	5750	8.58
4.5 m	kg			*13 300	*13 300	*10 700	9950	*9350	7000	8150	5200	*7150	5050	9.13
3.0 m	kg			*16 850	14 100	*12 350	9300	*10 200	6700	8050	5050	*7450	4700	9.40
1.5 m	kg			*19 350	13 100	*13 850	8750	10 350	6400	7850	4900	7300	4550	9.43
0 m	kg			*20 200	12 650	14 150	8400	10 100	6200	7750	4800	7500	4650	9.22
-1.5 m	kg	*14 400	*14 400	*19 800	12 550	14 000	8250	10 000	6100			8050	4950	8.74
-3.0 m	kg	*22 750	*22 750	*18 350	12 700	*13 950	8300	10 050	6150			9250	5700	7.96
-4.5 m	kg	*20 600	*20 600	*15 500	13 050	*11 750	8550					*9900	7300	6.75
-6.0 m	kg											*9550	7050	6.63



ISO 10567



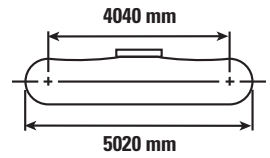
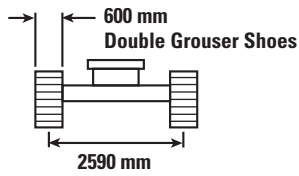
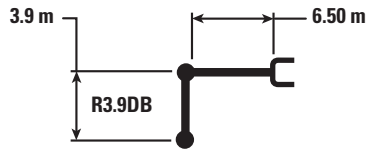
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 336E L/LN Hydraulic Excavator Specifications

## 336E L Heavy Duty Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m		
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
9.0 m	kg													*6250	*6250	7.35
7.5 m	kg									*7700	7650			*5800	*5800	8.53
6.0 m	kg									*8000	7500	*7500	5500	*5650	5150	9.33
4.5 m	kg							*9800	*9800	*8750	7250	*8200	5400	*5650	4650	9.84
3.0 m	kg					*15 300	14 750	*11 600	9650	*9750	6950	8200	5250	*5850	4350	10.10
1.5 m	kg					*18 450	13 600	*13 300	9050	10 550	6600	8000	5050	*6200	4200	10.12
0 m	kg			*8550	*8550	*20 100	12 950	14 350	8650	10 250	6350	7850	4900	*6750	4250	9.92
-1.5 m	kg	*8950	*8950	*13 300	*13 300	*20 350	12 750	14 100	8400	10 050	6200	7750	4850	7200	4500	9.48
-3.0 m	kg	*14 100	*14 100	*19 400	*19 400	*19 500	12 750	14 050	8350	10 050	6150			8100	5050	8.76
-4.5 m	kg	*20 200	*20 200	*24 100	*24 100	*17 400	12 950	*13 200	8500	*9900	6300			*9500	6100	7.69
-6.0 m	kg					*13 250	*13 250	*9450	8900					*9250	8800	6.06



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.

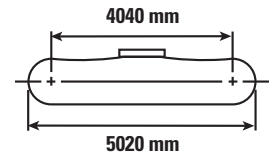
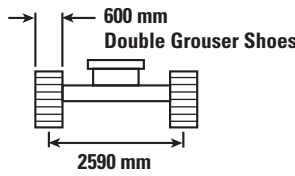
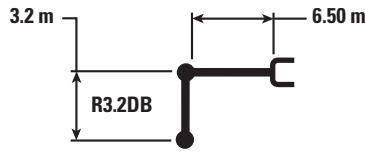
Lift capacity stays with ±5% for all available track shoes.

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



# 336E L/LN Hydraulic Excavator Specifications

## 336E L Heavy Duty Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Machine Dimensions		
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	m
7.5 m	kg							*8800	7450			*7400	7100	7.70
6.0 m	kg							*8900	7400			*7200	5900	8.58
4.5 m	kg			*13 500	*13 500	*10 900	10 050	*9550	7150	8300	5350	*7250	5200	9.13
3.0 m	kg			*17 150	14 300	*12 600	9500	*10 450	6850	8150	5200	*7550	4850	9.40
1.5 m	kg			*19 750	13 400	*14 100	8950	10 500	6600	8000	5100	7450	4750	9.43
0 m	kg			*20 600	12 950	14 350	8650	10 300	6400	7900	5000	7650	4800	9.22
-1.5 m	kg	*14 500	*14 500	*20 200	12 900	14 200	8500	10 150	6300			8200	5150	8.74
-3.0 m	kg	*22 850	*22 850	*18 750	13 000	14 250	8550	10 200	6350			9400	5900	7.96
-4.5 m	kg	*21 100	*21 100	*15 900	13 300	*12 050	8750					*10 200	7500	6.75
-6.0 m	kg			*10 900	*10 900							*10 450	9900	5.39



ISO 10567



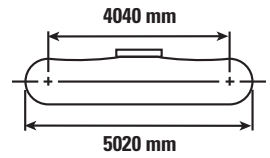
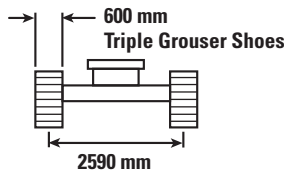
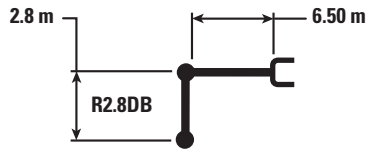
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 336E L/LN Hydraulic Excavator Specifications

## 336E L Heavy Duty Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m		
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg											*9400	7600	7.33
6.0 m	kg					*10 100	*10 100	*9450	7300			*9000	6200	8.25
4.5 m	kg			*14 600	*14 600	*11 500	9900	*10 000	7100			8500	5450	8.82
3.0 m	kg			*18 150	14 000	*13 150	9350	10 750	6800	8100	5200	7950	5100	9.11
1.5 m	kg			*17 400	13 200	*14 500	8900	10 450	6550	8000	5100	7800	4950	9.14
0 m	kg			*20 450	12 950	14 300	8650	10 250	6400			8000	5050	8.92
-1.5 m	kg	*13 550	*13 550	*19 900	12 950	14 200	8550	10 200	6350			8700	5450	8.42
-3.0 m	kg	*23 800	*23 800	*18 100	13 100	*13 950	8600	10 300	6450			10 100	6350	7.60
-4.5 m	kg	*19 050	*19 050	*14 800	13 450	*11 050	8900					*10 100	8350	6.32



ISO 10567



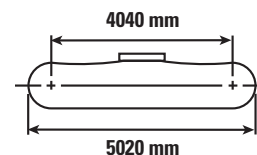
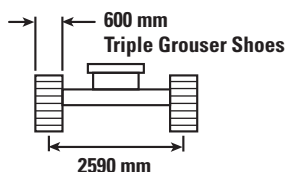
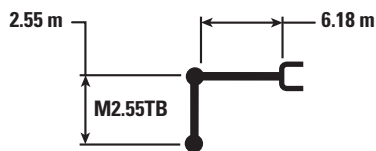
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 336E L/LN Hydraulic Excavator Specifications

## 336E L Mass Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		Machine		m
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg					*10 300	*10 300			*9100	8850	6.58
6.0 m	kg					*10 650	10 200	*9900	7050	*8700	6900	7.59
4.5 m	kg			*14 850	*14 850	*11 800	9750	*10 400	6900	*8650	5950	8.21
3.0 m	kg			*18 150	13 850	*13 300	9200	10 550	6650	8650	5500	8.51
1.5 m	kg			*20 200	13 050	14 450	8750	10 300	6400	8500	5350	8.55
0 m	kg			*20 450	12 800	14 150	8500	10 150	6250	8750	5450	8.31
-1.5 m	kg	*18 400	*18 400	*19 400	12 800	14 100	8400	10 100	6250	9650	5950	7.78
-3.0 m	kg	*22 250	*22 250	*17 150	13 000	*13 050	8550			*10 800	7150	6.88
-4.5 m	kg			*12 650	*12 650					*10 050	*10 050	5.43



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.

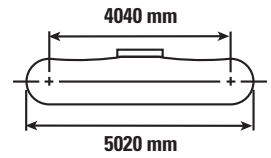
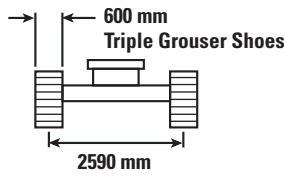
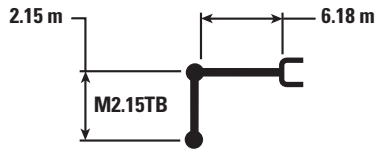
Lift capacity stays with ±5% for all available track shoes.


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



# 336E L/LN Hydraulic Excavator Specifications

## 336E L Mass Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m				m
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg					*11 150	10 200			*11 150	10 100	6.03
6.0 m	kg					*11 250	10 100			*10 750	7600	7.12
4.5 m	kg			*15 800	14 850	*12 400	9650	10 800	6850	10 150	6450	7.77
3.0 m	kg					*13 750	9100	10 550	6650	9350	5900	8.10
1.5 m	kg					14 400	8700	10 300	6400	9150	5750	8.13
0 m	kg			*20 200	12 800	14 200	8500	10 200	6300	9500	5900	7.88
-1.5 m	kg	*19 400	*19 400	*18 850	12 900	14 150	8500			10 600	6550	7.32
-3.0 m	kg	*20 100	*20 100	*16 200	13 150	*12 350	8700			*11 350	8100	6.35
-4.5 m	kg									*10 050	*10 050	5.43



ISO 10567



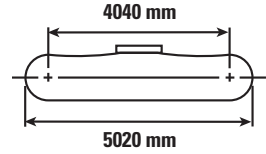
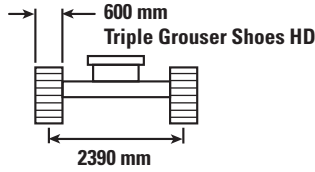
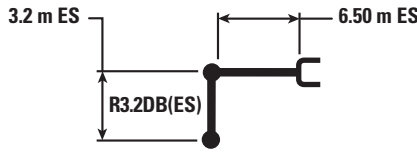
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Extreme Service Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m		
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg							*8650	6800			*7350	6450	7.70
6.0 m	kg							*8750	6700			*7100	5300	8.58
4.5 m	kg			*13 350	*13 350	*10 750	9150	*9400	6500	8150	4800	*7150	4650	9.13
3.0 m	kg			*16 900	12 850	*12 400	8550	*10 250	6150	8000	4650	*7450	4350	9.40
1.5 m	kg			*19 450	11 850	*13 900	8000	10 300	5900	7850	4500	7300	4200	9.43
0 m	kg			*20 300	11 450	14 100	7700	10 100	5700	7750	4400	7450	4250	9.22
-1.5 m	kg	*14 400	*14 400	*19 850	11 400	13 950	7550	9950	5600			8000	4550	8.74
-3.0 m	kg	*22 750	22 700	*18 450	11 500	14 000	7600	10 000	5600			9250	5250	7.96
-4.5 m	kg	*20 700	*20 700	*15 600	11 800	*11 800	7800					*9950	6700	6.75



ISO 10567



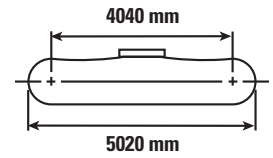
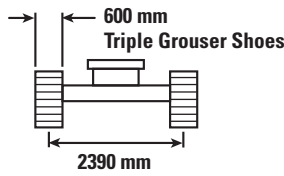
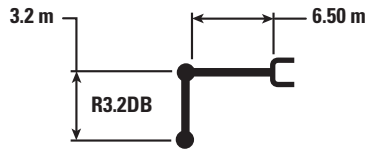
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Heavy Duty Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		m		
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg							*8800	6800			*7400	6450	7.70
6.0 m	kg							*8900	6700			*7200	5350	8.58
4.5 m	kg			*13 500	*13 500	*10 900	9100	*9550	6500	8150	4850	*7250	4700	9.13
3.0 m	kg			*17 150	12 800	*12 600	8550	*10 450	6200	8000	4700	7450	4400	9.40
1.5 m	kg			*19 700	11 900	*14 100	8050	10 250	5950	7850	4550	7300	4250	9.43
0 m	kg			*20 550	11 500	14 050	7750	10 050	5750	7750	4450	7450	4350	9.22
-1.5 m	kg	*14 500	*14 500	*20 150	11 450	13 900	7600	9950	5650			8000	4600	8.74
-3.0 m	kg	*22 850	22 700	*18 700	11 550	13 900	7650	10 000	5700			9200	5300	7.96
-4.5 m	kg	*21 050	*21 050	*15 900	11 850	*12 050	7850					*10 200	6750	6.75



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.

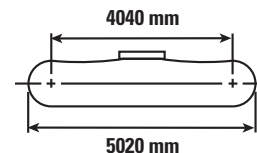
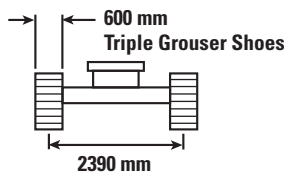
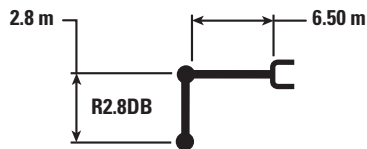
Lift capacity stays with ±5% for all available track shoes.

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



# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Heavy Duty Reach Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Machine Dimensions		
		Diagram 1	Diagram 2	Diagram 1	Diagram 2	Diagram 1	Diagram 2	Diagram 1	Diagram 2	Diagram 1	Diagram 2	Diagram 1	Diagram 2	m
7.5 m	kg											*9400	6950	7.33
6.0 m	kg					*10 100	9500	*9450	6650			*9000	5650	8.25
4.5 m	kg			*14 600	13 800	*11 500	9000	*10 000	6450			8350	4950	8.82
3.0 m	kg			*18 150	12 600	*13 150	8500	10 550	6200	8000	4700	7850	4600	9.11
1.5 m	kg			*17 400	11 800	14 350	8050	10 250	5950	7850	4600	7700	4500	9.14
0 m	kg			*20 450	11 550	14 050	7750	10 100	5750			7900	4600	8.92
-1.5 m	kg	*13 550	*13 550	*19 900	11 550	13 950	7700	10 000	5700			8550	4950	8.42
-3.0 m	kg	*23 800	23 050	*18 100	11 700	*13 950	7750	10 100	5800			9950	5700	7.60
-4.5 m	kg	*19 050	*19 050	*14 800	12 050	*11 050	8050					*10 100	7550	6.32



ISO 10567



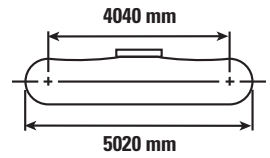
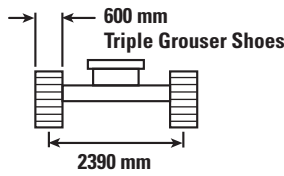
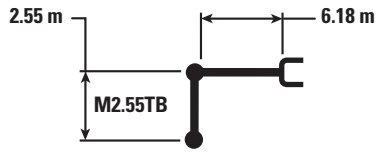
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Lift capacity stays with  $\pm 5\%$  for all available track shoes.

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

# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Mass Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m		Machine		m
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg					*10 300	9450			*9100	8050	6.58
6.0 m	kg					*10 650	9300	*9900	6400	*8700	6300	7.59
4.5 m	kg			*14 850	13 650	*11 800	8850	*10 400	6250	*8650	5400	8.21
3.0 m	kg			*18 150	12 450	*13 300	8300	10 400	6000	8500	4950	8.51
1.5 m	kg			*20 200	11 650	14 200	7900	10 150	5800	8350	4800	8.55
0 m	kg			*20 450	11 400	13 900	7600	9950	5650	8600	4950	8.31
-1.5 m	kg	*18 400	*18 400	*19 400	11 400	13 850	7550	9950	5650	9450	5400	7.78
-3.0 m	kg	*22 250	*22 250	*17 150	11 600	*13 050	7700			*10 800	6450	6.88
-4.5 m	kg			*12 650	12 100					*10 050	9300	5.43



ISO 10567



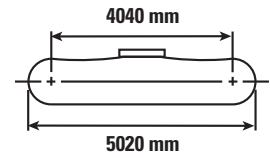
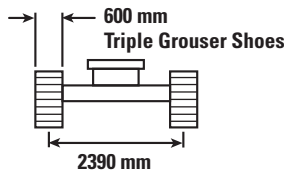
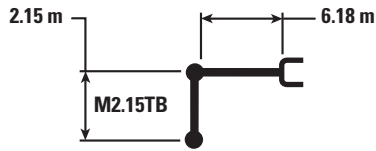
\*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Mass Boom Lift Capacities – Counterweight: 6 mt – Heavy Lift: On – without Bucket



Reach (m)	Unit	3.0 m		4.5 m		6.0 m		7.5 m				m
		Front	Rear	Front	Rear	Front	Rear	Front	Rear	Front	Rear	
7.5 m	kg					*11 150	9300			*11 150	9250	6.03
6.0 m	kg					*11 250	9200			*10 750	6950	7.12
4.5 m	kg			*15 800	13 350	*12 400	8750	10 600	6250	10 000	5850	7.77
3.0 m	kg					*13 750	8250	10 350	6000	9200	5350	8.10
1.5 m	kg					14 150	7850	10 150	5800	9000	5200	8.13
0 m	kg			*20 200	11 400	13 950	7650	10 000	5700	9350	5350	7.88
-1.5 m	kg	*19 400	*19 400	*18 850	11 500	13 900	7600			10 400	5900	7.32
-3.0 m	kg	*20 100	*20 100	*16 200	11 750	*12 350	7850			*11 350	7300	6.35
-4.5 m	kg										8350	6.32



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.



# 336E L/LN Hydraulic Excavator Specifications

## 336E L Work Tool Offering Guide\*

Boom Option	Reach Boom (HD)			Reach Boom (ES)	Mass Boom			
	Stick Option	R3.9 (HD)	R3.2 (HD)	R2.8 (HD)	R3.2 (ES)	M2.55	M2.15	
Hammer		H140Es H160Es **	H140Es H160Es	H140Es H160Es	H140Es H160Es	H140Es H160Es H180Es ** ^	H140Es H160Es H180Es **	
Multi-Processor	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 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 ** ^
Mobile Scrap and Demolition Shear	S325B *** S365C ###	S325B S365C ###	S325B S340B *** # S365C ###	S325B S365C ###	S365C ###	S365C ###	S340B ** ## S365C ###	
Pulverizer	P225	P225 P235 ** ^	P225 P235 ^	P225 P235 ***	P235 **	P235 ^^		
Crusher		P325 P335 ** ^	P325 P335 ^ ^^	P325 P335 ***	P335 **	P335 ^^		
Demolition and Sorting Grapple	G325B ** G330B ***	G325B G330B ** ^	G325B G330B ^	G325B G330B ** ^	G330B **	G330B		
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110	CVP110	CVP110	CVP110		
Orange Peel Grapple								
Clamshells								
Rippers								
CW Quick Coupler								

These work tools are available for the 336E L. Consult your Cat dealer for proper match.

\* 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

# Over the front only

## Boom mount

^ Over the front only with CW coupler

^^ Over the front only with CL coupler

# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Work Tool Offering Guide\*

Boom Option	Reach Boom (HD)		Reach Boom (ES)	Mass Boom	
	R3.2 (HD)	R2.8 (HD)	R3.2 (ES)	M2.55	M2.15
Hammer	H140Es H160Es ^ ^^	H140Es H160Es ^^	H140Es H160Es ***	H140Es H160Es **	H140Es H160Es
Multi-Processor	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 TS Jaw MP30 with CC Jaw *** # MP30 with CR Jaw *** #  MP30 with PS Jaw *** # MP30 with S Jaw *** #	MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 U Jaw MP324 S Jaw MP324 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 *** #	MP324 CC Jaw MP324 D Jaw MP324 P Jaw ^^ MP324 U Jaw ^^ MP324 S Jaw MP324 TS Jaw ^^	MP30 with CC Jaw ** ## MP30 with CR Jaw ** ## MP30 with PP Jaw *** # MP30 with PS Jaw ** ## MP30 with S 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 *** #
Mobile Scrap and Demolition Shear	S325B S365C ###	S325B S365C ###	S325B ^ ^^ S365C ###	S325B S365C ### #	S325B S365C ### #
Pulverizer	P225 P235 *** #	P225 P235 ***	P225 P235 *** #	P235 ** ##	P235 **
Crusher	P325 P335 *** #	P325 P335 ***	P325	P335 ** ##	P335 **
Demolition and Sorting Grapple	G325B G330B ***	G325B G330B ***	G325B ^ ^^ G330B *** #	G330B ** ##	G330B **
Compactor (Vibratory Plate)	CVP110	CVP110	CVP110	CVP110	CVP110
Orange Peel Grapple					
Clamshells					
Rippers					
CW Quick Coupler					

These work tools are available for the 336E LN.  
Consult your Cat dealer for proper match.

\* 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

# Over the front only

## Boom mount

^ Over the front only with CW coupler

^^ Over the front only with CL coupler

# 336E L/LN Hydraulic Excavator Specifications

## 336E L Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	HD Reach Boom			ES Reach Boom	ME Boom	
		mm	m <sup>3</sup>	kg	%	R2.8DB	R3.2DB	R3.9DB	R3.2DB HD	M2.15TB	M2.55TB
<b>DB Linkage Without Quick Coupler</b>											
General Duty (GD)	DB	1350	1.64	1173	100%	●	●	⊙	●		
	DB	1650	2.11	1352	100%	⊙	⊖	○	⊖		
	DB	1800	2.35	1453	100%	⊖	X	X	○		
	TB	1500	2.14	1872	100%					●	⊙
	TB	1650	2.41	2027	100%					⊙	⊖
Heavy Duty (HD)	DB	1350	1.64	1481	100%	●	●	⊖	⊙		
	DB	1500	1.88	1566	100%	⊙	⊙	○	⊖		
	DB	1650	2.12	1697	100%	⊖	⊖	◇	○		
	TB	1650	2.41	2210	100%					⊖	⊖
	TB	1800	2.69	2381	100%					○	○
Severe Duty (SD)	DB	1350	1.64	1599	90%	●	●	⊖	●		
	DB	1500	1.88	1714	90%	●	⊙	○	⊙		
	DB	1650	2.15	1827	90%	⊙	⊖	◇	⊖		
	TB	1350	1.87	2065	90%					●	●
	TB	1650	2.41	2385	90%					⊙	⊖
Maximum load pin-on (payload + bucket)					kg	5140	4830	4045	4620	6200	5650
<b>With Quick Coupler (CW45, CW45s)</b>											
General Duty (GD)	DB	1050	1.17	986	100%	●	●	●	●		
	DB	1200	1.40	1064	100%	●	●	⊙	●		
	DB	1350	1.64	1143	100%	●	⊙	⊖	⊙		
	DB	1500	1.87	1245	100%	⊙	⊖	○	⊖		
	DB	1650	2.11	1324	100%	⊖	⊖	◇	○		
Heavy Duty (HD)	DB	1350	1.64	1417	100%	⊙	⊙	○	⊖		
	DB	1500	1.88	1514	100%	⊖	⊖	◇	○		
	DB	1650	2.12	1647	100%	○	○	◇	○		
	TB	1650	2.41	2117	100%					⊖	○
Severe Duty (SD)	DB	1050	1.17	1272	90%	●	●	●	●		
	DB	1500	1.88	1674	90%	⊙	⊖	◇	⊖		
	DB	1650	2.15	1802	90%	⊖	○	◇	○		
	TB	1350	1.87	1974	90%					●	⊙
	TB	1650	2.41	2295	90%					⊖	○
Maximum load with coupler (payload + bucket)					kg	4650	4340	3555	4130	5695	5145

### Maximum Material Density:

- 2100 kg/m<sup>3</sup>
- ⊙ 1800 kg/m<sup>3</sup>
- ⊖ 1500 kg/m<sup>3</sup>
- 1200 kg/m<sup>3</sup>
- ◇ 900 kg/m<sup>3</sup>
- X Not Recommended

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.



# 336E L/LN Hydraulic Excavator Specifications

## 336E LN Bucket Specifications and Compatibility

	Linkage	Width	Capacity	Weight	Fill	HD Reach Boom		ES Reach Boom	ME Boom	
		mm	m <sup>3</sup>	kg	%	R2.8DB	R3.2DB	R3.2DB HD	M2.15TB	M2.55TB
<b>DB Linkage Without Quick Coupler</b>										
General Duty (GD)	DB	1350	1.64	1173	100%	●	⊙	⊙		
	DB	1650	2.11	1352	100%	⊖	⊖	○		
	DB	1800	2.35	1453	100%	○	○	◇		
	TB	1500	2.14	1872	100%				⊙	⊖
	TB	1650	2.41	2027	100%				⊖	○
Heavy Duty (HD)	DB	1350	1.64	1481	100%	⊙	⊙	⊖		
	DB	1500	1.88	1566	100%	⊖	⊖	○		
	DB	1650	2.12	1697	100%	○	○	◇		
	TB	1650	2.41	2210	100%				○	○
	TB	1800	2.69	2381	100%				○	◇
Severe Duty (SD)	DB	1350	1.64	1599	90%	●	⊙	⊙		
	DB	1500	1.88	1714	90%	⊙	⊖	⊖		
	DB	1650	2.15	1827	90%	⊖	○	○		
	TB	1350	1.87	2065	90%				●	⊙
	TB	1650	2.41	2385	90%				⊖	○
Maximum load pin-on (payload + bucket)					kg	4630	4370	4130	5570	5065
<b>With Quick Coupler (CW45, CW45s)</b>										
General Duty (GD)	DB	1050	1.17	986	100%	●	●	●		
	DB	1200	1.40	1064	100%	●	●	⊙		
	DB	1350	1.64	1143	100%	⊙	⊖	⊖		
	DB	1500	1.87	1245	100%	⊖	○	○		
	DB	1650	2.11	1324	100%	○	○	◇		
Heavy Duty (HD)	DB	1350	1.64	1417	100%	⊖	⊖	○		
	DB	1500	1.88	1514	100%	○	○	◇		
	DB	1650	2.12	1647	100%	○	◇	◇		
	TB	1650	2.41	2117	100%				○	◇
Severe Duty (SD)	DB	1050	1.17	1272	90%	●	●	●		
	DB	1500	1.88	1674	90%	○	○	○		
	DB	1650	2.15	1802	90%	○	◇	◇		
	TB	1350	1.87	1974	90%				⊙	⊖
	TB	1650	2.41	2295	90%				○	◇
Maximum load with coupler (payload + bucket)					kg	4140	3880	3640	5065	4560

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<sup>3</sup>
- ⊙ 1800 kg/m<sup>3</sup>
- ⊖ 1500 kg/m<sup>3</sup>
- 1200 kg/m<sup>3</sup>
- ◇ 900 kg/m<sup>3</sup>

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

- C9.3 diesel engine
- Biodiesel capable
- Meets EU Stage IIIB emission standards
- 2300 m altitude capability
- Electric priming pump
- Automatic engine speed control
- Standard, economy and high power modes
- Two-speed travel
- Side-by-side cooling system
- Radial seal air filter
- Primary filter with water separator and water separator indicator switch
- Fuel differential indicator switch in fuel line
- 2×4 micron main filters and 1×10 micron primary filter in fuel line
- Water level indicator for water separator
- Air cleaner with external precleaner

### HYDRAULIC SYSTEM

- Electric regeneration circuit for boom and stick
- Reverse swing dampening valve
- Automatic swing parking brake
- High performance hydraulic return filter
- Capability of installing HP stackable valve and medium and QC valve
- Capability of installing additional auxiliary pump (up to 80 L/min) and circuit
- Boom lowering control device with SmartBoom and stick lowering check valve
- Capability of installing Cat Bio hydraulic oil

### CAB

- ROPS
- Pressurized operator station with positive filtration
- Mirror package
- Sliding upper door window (left-hand cab door)
- Glass-breaking safety hammer
- Coat hook
- Beverage holder
- Literature holder
- Two stereo speakers
- Storage shelf suitable for lunch or toolbox
- Color LCD display with warning, filter/fluid change, and working hour information
- Adjustable armrest
- Height adjustable joystick consoles
- Neutral lever (lock out) for all controls
- Travel control pedals with removable hand levers
- Capability of installing two additional pedals
- Two power outlets, 10 amp (total)
- Laminated glass front window and tempered other windows
- Air seat with backrest and heater
- Parallel wiper
- Seat belt, retractable (2 inches width)
- Bi-level air conditioner (auto) with defroster (pressurized function)
- Joysticks with three on/off switches and one modulation switch
- 12-Volt radio ready
- Sunscreen

### UNDERCARRIAGE

- Grease Lubricated Track GLT2, resin seal
- Towing eye on base frame
- Guard, heavy-duty bottom, 5 mm, with swivel guard
- Heavy-duty travel motor protection
- Heavy-duty rollers

### ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Capability to electrically connect a beacon

### LIGHTS

- Boom lights with time delay
- Cab lights with time delay
- Exterior lights integrated into storage box

### SECURITY

- Cat one key security system
- Door locks
- Cap locks on fuel and hydraulic tanks
- Lockable external tool/storage box
- Signaling/warning horn
- Secondary engine shutoff switch
- Openable skylight for emergency exit
- Rearview camera

### COUNTERWEIGHT

- 6.0 mt

### INTEGRATED TECHNOLOGIES

- Product Link

## Optional Equipment

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

### ENGINE

- Electric refueling pump with auto shut off
- Cold weather battery, -32° C
- Jump start receptacle
- QuickEvac™, quick drains, engine and hydraulic oil
- Bio hydraulic oil package with compatible travel motors, fine filtration and bio oil

### HYDRAULIC SYSTEM

- Boom and stick high pressure lines
- Boom and stick medium pressure lines
- Boom, stick and bucket quick coupler lines
- Tool control system

### CAB

- Front window:
  - 70/30 split, sliding
  - 1 piece, fixed
- Seat, high-back air suspension with heater and cooling
- Seat, high-back air suspension with heater
- Straight travel pedal
- Rain protector

### UNDERCARRIAGE

- Long Narrow undercarriage:
  - 600 mm double grouser shoes
  - 600 mm triple grouser shoes
  - 600 mm triple grouser HD shoes
  - 700 mm triple grouser shoes
- Long undercarriage:
  - 600 mm double grouser shoes
  - 600 mm triple grouser shoes
  - 600 mm triple grouser HD shoes
  - 700 mm triple grouser shoes
  - 800 mm triple grouser shoes
  - 850 mm triple grouser shoes
- Full length track guiding guard
- Segmented (3 piece) track guiding guard
- Center track guiding guard

### FRONT LINKAGE

- Bucket linkage, DB family with lifting eye
- Bucket linkage, TB family with lifting eye
- Extreme Service Reach boom 6.5 m
  - R3.2DB 3200 mm stick
- Heavy Duty Reach boom 6.5 m
  - R2.8DB 2800 mm stick
  - R3.2DB 3200 mm stick (with/without Cat Grade Control)
  - R3.9DB 3900 mm stick (L only)
- Mass boom 6.18 m
  - M2.55TB 2550 mm stick
  - M2.15TB 2150 mm stick

### LIGHTS

- Halogen lights, cab mounted
- HID lights, cab mounted

### SECURITY

- FOGS, bolt-on
- Guard, cab front, mesh
- Cat MSS (anti-theft device)
- Travel alarm

### INTEGRATED TECHNOLOGIES

- Cat Grade Control Depth and Slope

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

AEHQ6155-01 (06-2014)  
Replaces AEHQ6155

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