

336F Straight Boom

Hydraulic Excavator



Engine

| | | | |
|-------------------|------------------|--------|--------|
| Engine Model | Cat® C9.3 ACERT™ | | |
| Power – ISO 14396 | 234 kW | 313 hp | 318 PS |
| Power – ISO 9249 | 228 kW | 306 hp | 310 PS |

Drive

| | |
|----------------------|----------|
| Maximum Travel Speed | 4.8 km/h |
| Maximum Drawbar Pull | 291 kN |

Weights

| | |
|----------------|-----------|
| Maximum Weight | 40 800 kg |
|----------------|-----------|

The 336F Straight Boom is purposely designed to take on all your sorting, low-level demolition and above ground-level tasks. Compared to the 336F Reach Boom, the 336F Straight Boom achieves superior performance above ground level, by offering a significant height increase in the working range with excellent lift capacity above ground level.

Where the real power comes in is through the integrated engine, hydraulic, and work tool systems. You can handle tons of material – literally – every hour, on the hour, all day long with a great deal of speed, precision, and efficiency.

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.

Contents

Key Features2

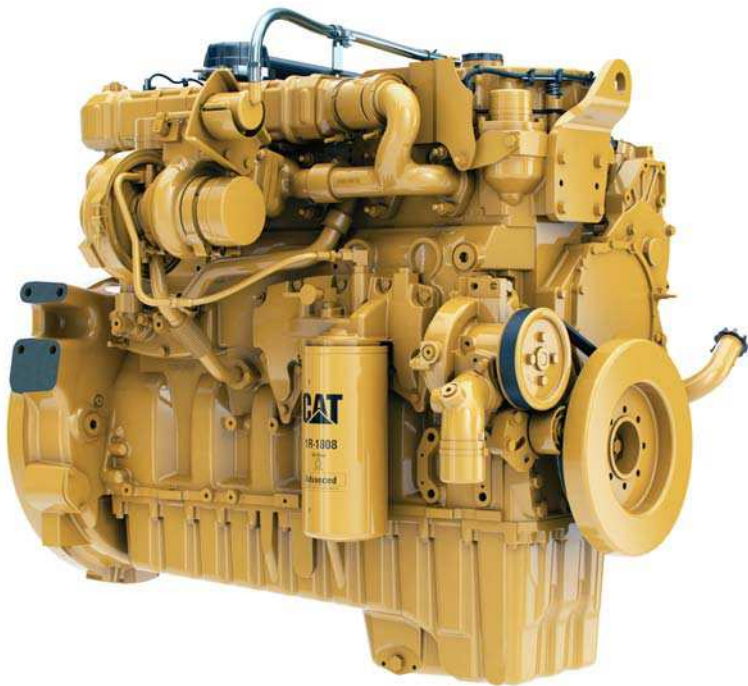
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Following are the built-in benefits that make 336F an outstanding performer and an excellent choice for your line of work:



Engine

- The C9.3 ACERT engine meets EU Stage IV emission standards. The emissions package works behind the scenes without interrupting your job.
- Engine speed control automatically lowers rpm when the machine doesn't need it to help you save fuel.
- Three power modes – high, standard and eco – and automatic engine idle shutdown help you more actively manage fuel consumption.

Hydraulics

- The heavy lift mode increases machine system pressure to improve lift – a nice benefit in certain situations.
- The SmartBoom™ reduces stress and vibrations transmitted to the machine and cab, especially during hammer work. Blank shots or excessive force on the hammer are avoided, resulting in longer life for the hammer and machine.
- Electric boom and stick regeneration keeps oil flow at the head and rod ends of the cylinders instead of going back to the tank, which results in less pressure loss for higher controllability, more productivity, and lower operating costs.
- The main control valve opens slowly when the range of joystick lever movement is small and opens rapidly when movement is high, putting flow where you need it when you need it for smoother operation and greater efficiency.

Key Features

Built-in benefits and available options



Cab

- Operators will enjoy the quietness and comfort of the all new demolition cab (ROPS-certified), equipped with various storage areas, auxiliary power outlets, climate control and heated and/or cooled seat. The new demolition cab comes standard with P5A reinforced windshield and top glass, including top window wiper and washer, as well as front and top Falling Object Guards.
- Joysticks, armrests, and seats adjust to your operators preferences, and the LCD monitor is programmable in 42 languages.

Structures

- The straight boom and sticks offer you excellent all-around versatility for any above ground level demolition tasks and even general excavation work.
- To enhance component durability, the upper and lower frames are reinforced to support the demolition ROPS cab and the heavy 8.45 mt counterweight. Track shoes, links, rollers, idlers, and final drives are built with high-tensile strength steel.
- Grease-lubricated track link prevents dirt and debris from entering.



Work Tools

- Multiple Cat Work Tools – designed specifically for Cat machines – are available for a wide range of applications.
- Cat quick couplers allow you to switch from one tool to another in a matter of minutes.
- Cat tool control remembers pressures and flows for up to 10 tools so you can quickly get to work after each tool change.

Serviceability

- Routine maintenance items like grease points, fluid taps, filters, and drain tubes can be reached at ground level.
- Compartment doors are designed to prevent debris entry, and they securely latch in place to enhance ease of service.
- The side-by-side cooling system is efficient and easy to clean.

Technology

- Product Link™/VisionLink® connects you to your machine, providing access to its location, hours, fuel consumption, idle time, events, and diagnostic codes.

336F Straight Boom Hydraulic Excavator Specifications

Engine

| | |
|--------------------------|----------------------|
| Engine Model | Cat C9.3 ACERT |
| Gross Power – SAE J1995 | 238 kW 319 hp 324 PS |
| Engine Power – ISO 14396 | 234 kW 313 hp 318 PS |
| Net Power – ISO 9249 | 228 kW 306 hp 310 PS |
| Bore | 115 mm |
| Stroke | 149 mm |
| Displacement | 9.3 L |

Weights

| | |
|----------------|-----------|
| Maximum Weight | 40 800 kg |
|----------------|-----------|

Hydraulic System

| | |
|--|------------|
| Main System – Maximum Flow (total) | 570 L/min |
| Swing System – Maximum Flow | 279 L/min |
| Maximum Pressure – Equipment | 35 000 kPa |
| Maximum Pressure – Equipment (heavy lift mode) | 38 000 kPa |
| Maximum Pressure – Travel | 35 000 kPa |
| Maximum Pressure – Swing | 28 000 kPa |
| Auxiliary Circuit – High Pressure | 37 000 kPa |
| Auxiliary Circuit – Medium Pressure | 23 000 kPa |
| Pilot System – Maximum Flow | 29 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 Bucket Cylinder – Bore | 150 mm |
| DB Bucket Cylinder – Stroke | 1151 mm |

Drive

| | |
|----------------------|----------|
| Gradeability | 30°/70% |
| Maximum Travel Speed | 4.8 km/h |
| Maximum Drawbar Pull | 291 kN |

Swing Mechanism

| | |
|--------------|----------|
| Swing Speed | 8.8 rpm |
| Swing Torque | 109 kN·m |

Service Refill Capacities

| | |
|--|-------|
| Fuel Tank Capacity | 620 L |
| Cooling System | 43 L |
| Engine Oil (with filter) | 32 L |
| Swing Drive (each) | 19 L |
| Final Drive (each) | 8 L |
| Hydraulic System Oil Capacity (including tank) | 380 L |
| Hydraulic Tank Oil | 175 L |
| DEF Tank | 41 L |

Track

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

Sound Performance

| | |
|---|-----------|
| Exterior Sound Power Level – ISO 6395:2008* | 106 dB(A) |
| Operator Sound Pressure Level – ISO 6396:2008 | 73 dB(A) |

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.

*as per European Union Directive 2000/14/EC as amended by 2005/88/EC

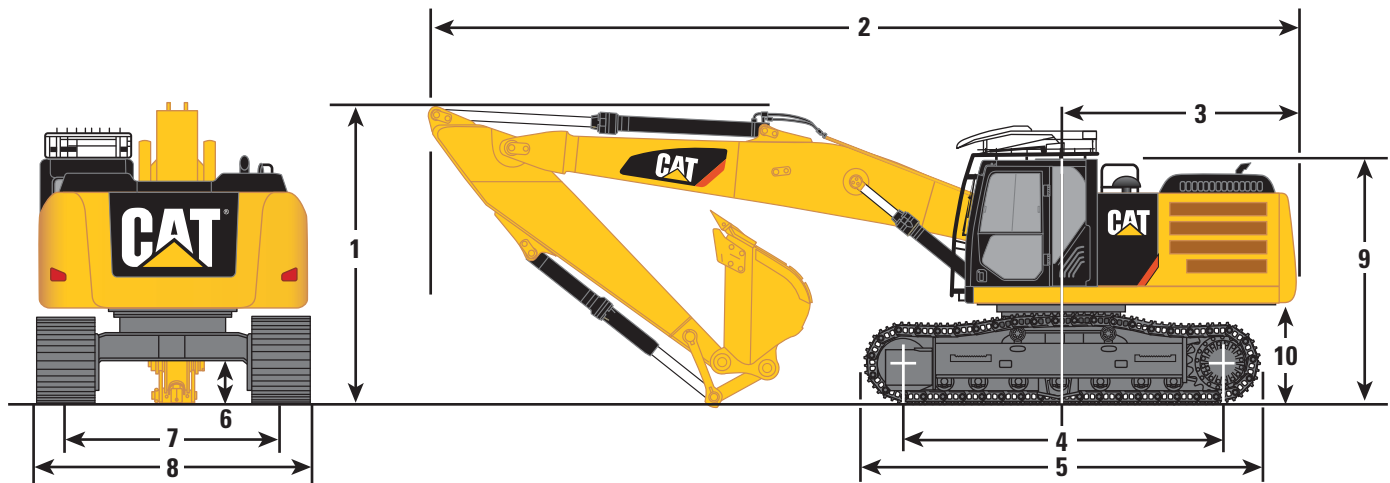
Standards

| | |
|----------|------------------------------|
| Brakes | SAE J1026/APR90 |
| Cab/FOGS | SAE J1356 FEB88 ISO 10262 |

336F Straight Boom Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



Boom

Straight Boom 6.9 m

Stick Options

| | R3.9DB | R3.2DB |
|---|---------------------|---------------------|
| 1 Shipping Height* | 3740 mm | 3480 mm |
| 2 Shipping Length | 11 370 mm | 11 480 mm |
| 3 Tail Swing Radius | 3500 mm | 3500 mm |
| 4 Length to Center of Rollers | 4040 mm | 4040 mm |
| 5 Track Length | 5040 mm | 5040 mm |
| 6 Ground Clearance* | 520 mm | 520 mm |
| Ground Clearance** | 480 mm | 480 mm |
| 7 Track Gauge | | |
| Long Undercarriage | 2590 mm | 2590 mm |
| Long Narrow Undercarriage | 2390 mm | 2390 mm |
| 8 Transport Width | | |
| Long Undercarriage, 600 mm HD Tracks | 3190 mm | 3190 mm |
| Long Narrow Undercarriage, 600 mm HD Tracks | 2990 mm | 2990 mm |
| 9 Cab Height with Top Guard | 3480 mm | 3480 mm |
| 10 Counterweight Clearance** | 1220 mm | 1220 mm |
| Bucket Type | DB1536GP-C | DB1536GP-C |
| Bucket Capacity | 2.28 m ³ | 2.28 m ³ |
| Bucket Tip Radius | 1753 mm | 1753 mm |

*Including shoe lug height.

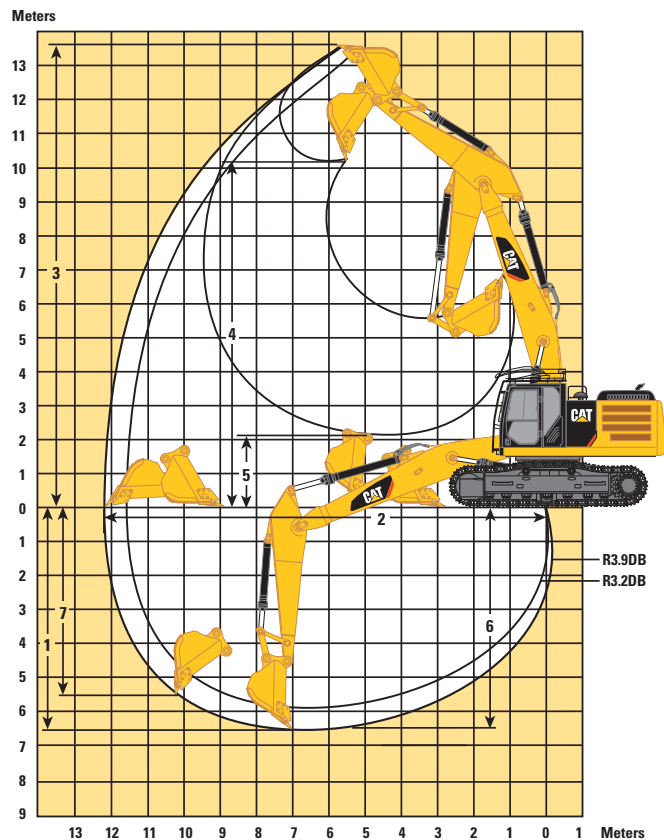
**Without shoe lug height.

Dimensions may vary depending on bucket selection.

336F Straight Boom Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



| Boom | | Straight Boom 6.9 m | |
|----------------------------|--|------------------------|---------------------|
| Stick Options | | R3.9DB | R3.2DB |
| 1 | Maximum Digging Depth | 6640 mm | 5940 mm |
| 2 | Maximum Reach at Ground Level | 12 340 mm | 11 630 mm |
| 3 | Maximum Cutting Height | 13 760 mm | 13 120 mm |
| 4 | Maximum Loading Height | 10 260 mm | 9610 mm |
| 5 | Minimum Loading Height | 3370 mm | 3990 mm |
| 6 | Maximum Depth Cut for 2440 mm Level Bottom | 6510 mm | 5790 mm |
| 7 | Maximum Vertical Wall Digging Depth | 5610 mm | 4970 mm |
| Bucket Type | | DB1536GP-C | DB1536GP-C |
| Bucket Capacity | | 2.28 m ³ | 2.28 m ³ |
| Bucket Tip Radius | | 1753 mm | 1753 mm |
| General Duty | | | |
| Bucket Digging Force (ISO) | | 209.7 kN | 209.7 kN |
| Stick Digging Force (ISO) | | 144.3 kN | 165.9 kN |

Dimensions may vary depending on bucket selection.

336F Straight Boom Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| Straight Boom – 6.9 m | 336F Straight Boom | |
|---------------------------|-----------------------------|------|
| | 600 mm Triple Grouser Shoes | |
| | kg | kPa |
| Long Undercarriage | | |
| HD R3.9DB | 40 800 | 76.0 |
| HD R3.2DB | 40 700 | 75.8 |
| Long Narrow Undercarriage | | |
| HD R3.9DB | 40 700 | 75.8 |
| HD R3.2DB | 40 500 | 75.4 |

Major Component Weights

| | 336F Straight Boom |
|--|--------------------|
| | kg |
| Lower Structure (without track) | |
| Long Undercarriage | 9700 |
| Long Narrow Undercarriage | 9600 |
| Upper Structure (without front linkage) | |
| with 8.45 mt Counterweight | 10 000 |
| Counterweight | 8450 |
| Boom (includes lines, pins and stick cylinder) | |
| Straight Boom – 6.9 m | 4400 |
| Stick (includes lines, pins and bucket cylinder) | |
| HD R3.9DB | 1700 |
| HD R3.2DB | 1600 |
| Track Shoes | |
| 600 mm Triple Grouser | 4100 |
| Bucket | |
| DB1536GP-C 2.28 m ³ | 1500 |

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

336F Straight Boom Hydraulic Excavator Specifications

336F L SB Bucket Specifications and Compatibility

| | Linkage | Width | Capacity | Weight | Fill | Straight Boom | |
|--|---------|-------|----------|--------|------|---------------|-------|
| | | mm | m³ | kg | % | 3.2 m | 3.9 m |
| Without Coupler | | | | | | | |
| Heavy Duty (HD) | DB | 1350 | 1.64 | 1481 | 100 | ● | ● |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1827 | 90 | ● | ⊙ |
| Maximum load pin-on (payload + bucket) | | | | | kg | 6195 | 5535 |
| With Pin Grabber Quick Coupler | | | | | | | |
| Heavy Duty (HD) | DB | 1350 | 1.64 | 1481 | 100 | ● | ● |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1827 | 90 | ⊙ | ⊖ |
| Maximum load pin-on (payload + bucket) | | | | | kg | 5635 | 4975 |
| With Quick Coupler (CW45/CW45s) | | | | | | | |
| Heavy Duty (HD) | DB | 1350 | 1.64 | 1417 | 100 | ● | ● |
| | DB | 1500 | 1.88 | 1514 | 100 | ● | ⊙ |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1897 | 90 | ⊙ | ⊖ |
| Maximum load with coupler (payload + bucket) | | | | | kg | 5715 | 5055 |

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.

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.

Maximum Material Density:

- 2100 kg/m³
- ⊙ 1800 kg/m³
- ⊖ 1500 kg/m³

336F Straight Boom Hydraulic Excavator Specifications

336F LN SB Bucket Specifications and Compatibility

| | Linkage | Width | Capacity | Weight | Fill | Straight Boom | |
|--|---------|-------|----------|--------|------|---------------|-------|
| | | mm | m³ | kg | % | 3.2 m | 3.9 m |
| Without Coupler | | | | | | | |
| Heavy Duty (HD) | DB | 1350 | 1.64 | 1481 | 100% | ● | ● |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1827 | 90% | ● | ⊖ |
| Maximum load pin-on (payload + bucket) | | | | | kg | 5730 | 5110 |
| With Pin Grabber Quick Coupler | | | | | | | |
| Heavy Duty (HD) | DB | 1350 | 1.64 | 1481 | 100% | ● | ⊙ |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1827 | 90% | ⊙ | ○ |
| Maximum load pin-on (payload + bucket) | | | | | kg | 5170 | 4550 |
| With Quick Coupler (CW45/CW45s) | | | | | | | |
| Heavy Duty (HD) | DB | 1350 | 1.64 | 1417 | 100% | ● | ⊙ |
| | DB | 1500 | 1.88 | 1514 | 100% | ⊙ | ⊖ |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1897 | 90% | ⊙ | ○ |
| Maximum load with coupler (payload + bucket) | | | | | kg | 5250 | 4630 |

Maximum Material Density:

- 2100 kg/m³
- ⊙ 1800 kg/m³
- ⊖ 1500 kg/m³
- 1200 kg/m³

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.

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.

336F Straight Boom Hydraulic Excavator Specifications

336F L/LN Straight Boom – Work Tool Offering Guide*

| Boom Type | Straight | |
|---|---|---|
| Stick Size | 3.2 HD | 3.9 HD |
| Counterweight | 8450 kg | |
| Hydraulic Hammer | H140E s H160E s ** | H140E s H160E s ** |
| Multi-Processor | MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw ** MP30 CR Jaw ** MP30 PP Jaw ** MP30 PS Jaw ** MP30 S Jaw ** | MP324 CC Jaw MP324 D Jaw MP324 P Jaw MP324 S Jaw MP324 TS Jaw MP324 U Jaw MP30 CC Jaw ** MP30 CR Jaw ** MP30 PS Jaw ** MP30 S Jaw ** |
| Pulverizer | P225 P235 ** | P225 |
| Crusher | P325 P335 ** | P325 P335 ** |
| Demolition and Sorting Grapple (D-Demolition shells, R-Recycling shells) | G325B-D/R G330 ** | G325B-D/R G330 ** |
| Scrap and Demolition Shear | S325B S365B # | S325B ** S365B # |
| Compactor (Vibratory Plate) | CVP110 | CVP110 |
| Orange Peel Grapple | | |
| Rippers | These work tools are available for the 336F L/LN SB. Consult your Cat dealer for proper match. | |
| Dedicated Quick Coupler | | |
| | | |
| | CW-45 | |
| | CW-45S | |

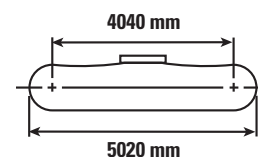
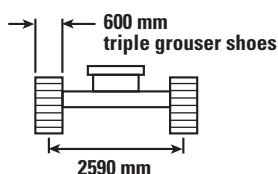
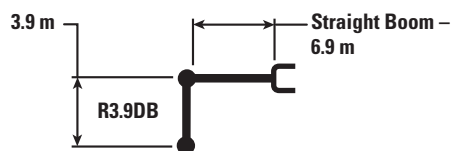
*Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

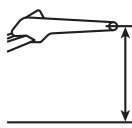















**Pin-on only

#Boom Mount

336F Straight Boom Hydraulic Excavator Specifications

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On



|  | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | |  | | |
|---|----|---|---|---|---|---|---|---|---|--|---|---|---|---|---|-------|
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m |
| 12.0 m | kg | | | | | | | | | | | | | *10 100 | *10 100 | 3.88 |
| 10.5 m | kg | | | | | *9000 | *9000 | | | | | | | *7000 | *7000 | 6.59 |
| 9.0 m | kg | | | | | *8950 | *8950 | *8400 | *8400 | | | | | *5950 | *5950 | 8.18 |
| 7.5 m | kg | | | | | *8550 | *8550 | *8900 | *8900 | *7050 | 6650 | | | *5450 | *5450 | 9.26 |
| 6.0 m | kg | | | *7950 | *7950 | *9100 | *9100 | *9150 | 8850 | *8150 | 6600 | | | *5200 | *5200 | 10.00 |
| 4.5 m | kg | | | *13 800 | *13 800 | *11 600 | *11 600 | *9650 | 8550 | *8300 | 6450 | | | *5100 | 5050 | 10.47 |
| 3.0 m | kg | | | *17 150 | *17 150 | *12 600 | 11 300 | *10 100 | 8200 | *8500 | 6300 | *7050 | 4950 | *5150 | 4800 | 10.71 |
| 1.5 m | kg | | | *13 900 | *13 900 | *13 250 | 10 750 | *10 400 | 7900 | *8550 | 6100 | *6950 | 4900 | *5300 | 4750 | 10.74 |
| 0.0 m | kg | | | *12 850 | *12 850 | *13 150 | 10 350 | *10 300 | 7650 | *8300 | 6000 | *6300 | 4850 | *5600 | 4850 | 10.55 |
| −1.5 m | kg | *7350 | *7350 | *15 700 | 15 500 | *12 250 | 10 200 | *9650 | 7550 | *7600 | 5950 | | | *5650 | 5100 | 10.14 |
| −3.0 m | kg | *12 750 | *12 750 | *12 950 | *12 950 | *10 500 | 10 250 | *8250 | 7550 | *5950 | *5950 | | | *4800 | *4800 | 9.47 |
| −4.5 m | kg | | | | | *7600 | *7600 | *5650 | *5650 | | | | | *4900 | *4900 | 7.94 |



ISO 10567



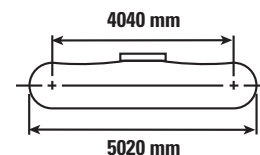
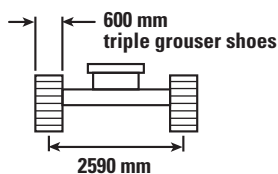
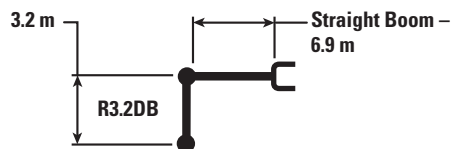
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

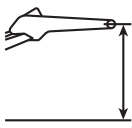











Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

336F Straight Boom Hydraulic Excavator Specifications

336F L Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On



|  | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | |  | | |
|---|----|---|---|---|---|---|---|--|---|---|---|-------|
| | |  |  |  |  |  |  |  |  |  |  | m |
| 10.5 m | kg | *12 150 | *12 150 | | | | | | | *9450 | *9450 | 5.34 |
| 9.0 m | kg | | | *10 750 | *10 750 | | | | | *7750 | *7750 | 7.22 |
| 7.5 m | kg | | | *10 800 | *10 800 | *9550 | 8900 | | | *7000 | *7000 | 8.43 |
| 6.0 m | kg | *11 800 | *11 800 | *11 400 | *11 400 | *9700 | 8750 | *8600 | 6550 | *6700 | 6250 | 9.24 |
| 4.5 m | kg | *16 200 | *16 200 | *12 300 | 11 750 | *10 100 | 8500 | *8650 | 6450 | *6600 | 5650 | 9.75 |
| 3.0 m | kg | | | *13 150 | 11 150 | *10 450 | 8150 | *8700 | 6300 | *6650 | 5400 | 10.01 |
| 1.5 m | kg | | | *13 450 | 10 650 | *10 600 | 7900 | *8600 | 6150 | *6900 | 5300 | 10.04 |
| 0.0 m | kg | *11 750 | *11 750 | *13 000 | 10 400 | *10 250 | 7700 | *8100 | 6050 | *6750 | 5400 | 9.83 |
| -1.5 m | kg | *14 250 | *14 250 | *11 650 | 10 350 | *9250 | 7650 | *6950 | 6100 | *6050 | 5800 | 9.39 |
| -3.0 m | kg | *11 100 | *11 100 | *9450 | *9450 | *7350 | *7350 | | | *5000 | *5000 | 8.66 |



ISO 10567



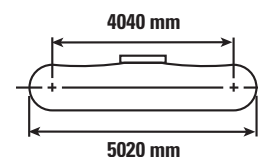
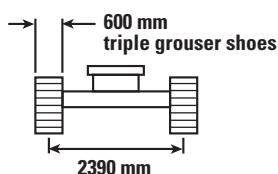
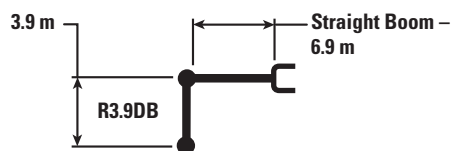
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

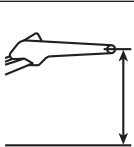















Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

336F Straight Boom Hydraulic Excavator Specifications

336F LN Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On



|  | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | |  | | |
|---|----|---|---|---|---|---|---|---|---|--|---|---|---|---|---|-------|
| | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | m |
| 12.0 m | kg | | | | | | | | | | | | | *10 100 | *10 100 | 3.88 |
| 10.5 m | kg | | | | | *9000 | *9000 | | | | | | | *7000 | *7000 | 6.59 |
| 9.0 m | kg | | | | | *8950 | *8950 | *8400 | 8350 | | | | | *5950 | *5950 | 8.18 |
| 7.5 m | kg | | | | | *8550 | *8550 | *8900 | 8400 | *7050 | 6150 | | | *5450 | *5450 | 9.26 |
| 6.0 m | kg | | | *7950 | *7950 | *9100 | *9100 | *9150 | 8200 | *8150 | 6150 | | | *5200 | 5050 | 10.00 |
| 4.5 m | kg | | | *13 800 | *13 800 | *11 600 | 11 050 | *9650 | 7950 | *8300 | 6000 | | | *5100 | 4650 | 10.47 |
| 3.0 m | kg | | | *17 150 | 15 650 | *12 600 | 10 400 | *10 100 | 7600 | *8500 | 5800 | *7050 | 4600 | *5150 | 4450 | 10.71 |
| 1.5 m | kg | | | *13 900 | *13 900 | *13 250 | 9850 | *10 400 | 7250 | *8550 | 5650 | *6950 | 4500 | *5300 | 4350 | 10.74 |
| 0.0 m | kg | | | *12 850 | *12 850 | *13 150 | 9500 | *10 300 | 7050 | *8300 | 5500 | *6300 | 4450 | *5600 | 4450 | 10.55 |
| −1.5 m | kg | *7350 | *7350 | *15 700 | 14 050 | *12 250 | 9350 | *9650 | 6950 | *7600 | 5450 | | | *5650 | 4700 | 10.14 |
| −3.0 m | kg | *12 750 | *12 750 | *12 950 | *12 950 | *10 500 | 9350 | *8250 | 6950 | *5950 | 5500 | | | *4800 | *4800 | 9.47 |
| −4.5 m | kg | | | | | *7600 | *7600 | *5650 | *5650 | | | | | *4900 | *4900 | 7.94 |



ISO 10567



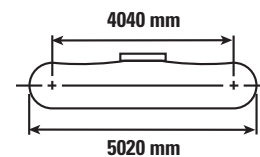
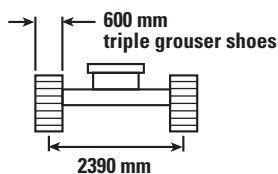
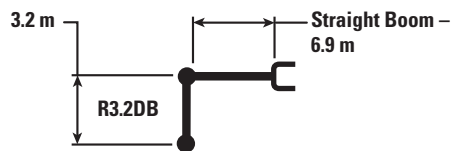
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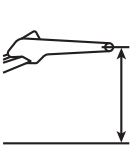











Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

336F Straight Boom Hydraulic Excavator Specifications

336F LN Straight Boom Lift Capacities – Counterweight: 8.45 mt – without Bucket – Heavy Lift: On



|  | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | |  | | |
|---|----|---|---|---|---|---|---|--|---|---|---|-------|
| | |  |  |  |  |  |  |  |  |  |  | m |
| 10.5 m | kg | *12 150 | *12 150 | | | | | | | *9450 | *9450 | 5.34 |
| 9.0 m | kg | | | *10 750 | *10 750 | | | | | *7750 | *7750 | 7.22 |
| 7.5 m | kg | | | *10 800 | *10 800 | *9550 | 8250 | | | *7000 | 6750 | 8.43 |
| 6.0 m | kg | *11 800 | *11 800 | *11 400 | *11 400 | *9700 | 8100 | *8600 | 6050 | *6700 | 5750 | 9.24 |
| 4.5 m | kg | *16 200 | *16 200 | *12 300 | 10 850 | *10 100 | 7850 | *8650 | 5950 | *6600 | 5250 | 9.75 |
| 3.0 m | kg | | | *13 150 | 10 250 | *10 450 | 7550 | *8700 | 5800 | *6650 | 4950 | 10.01 |
| 1.5 m | kg | | | *13 450 | 9800 | *10 600 | 7300 | *8600 | 5700 | *6900 | 4900 | 10.04 |
| 0.0 m | kg | *11 750 | *11 750 | *13 000 | 9550 | *10 250 | 7100 | *8100 | 5600 | *6750 | 5000 | 9.83 |
| −1.5 m | kg | *14 250 | *14 250 | *11 650 | 9500 | *9250 | 7050 | *6950 | 5600 | *6050 | 5350 | 9.39 |
| −3.0 m | kg | *11 100 | *11 100 | *9450 | *9450 | *7350 | 7150 | | | *5000 | *5000 | 8.66 |



ISO 10567



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

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

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

Standard Equipment

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

CAB

- Demolition cab with P5A glass (front and top)
- Parallel wiper and washer (front and top)
- Mirrors
- Pressurized operator station with positive filtration
- Sliding upper door window (left-hand cab door)
- Interior:
 - Coat hook
 - Beverage holder
 - Literature holder
 - Interior lighting
 - AM/FM radio mounting (DIN size)
 - Two 12V stereo speakers
 - Storage shelf suitable for lunch or toolbox
 - Power supply with 12V, two power outlets (10 amp)
 - Thumb wheel modulation joysticks for use with combined auxiliary control
 - Air conditioner, heater and defroster with climate control
- Seat:
 - Adjustable high-back, heated/ventilated seat with air suspension
 - Seat belt, 51 mm
 - Adjustable armrest
 - Height adjustable joystick consoles
 - Neutral lever (lock out) for all controls
 - Travel control pedals with removable hand levers
 - Two speed travel
 - Floor mat, washable
- Monitor:
 - Clock
 - Video ready
 - Color LCD display with warning, filter/fluid change, and working hour information
 - Language display (full graphic and full color display)
 - Machine condition, error code and tool mode setting information
 - Start-up level check for engine oil, engine coolant and hydraulic oil
 - Warning, filter/fluid change and working hour information
 - Fuel consumption meter
- Windshield:
 - One-piece, fixed
- Sun screen
- Straight travel pedal

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Battery, standard
- Electric refueling pump

ENGINE

- Cat C9.3 ACERT diesel engine
- Stage IV emission package
- 2300 m altitude capability with no derate
- Biodiesel capable
- Automatic engine speed control
- Electric priming pump
- Water separator in fuel line including water level sensor and indicator
- High, economy and standard power modes
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Starting kit, cold weather, –18° C
- Fuel differential indicator switch in fuel line
- 2×4 micron main filters and 1×10 micron primary filter in fuel line

HYDRAULIC SYSTEM

- Boom and stick lowering control devices with SmartBoom
- Reverse swing dampening valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Regeneration circuit for boom and stick
- Bio oil capable

LIGHTS

- Cab and boom lights with time delay (halogen)
- Exterior lights integrated into storage box

UNDERCARRIAGE/UPPERFRAME

- Grease Lubricated Track GLT2, resin seal
- Heavy duty track roller and idler
- Towing eye on base frame
- Counterweight, 8.45 mt
- HD bottom guard
- HD travel motor guard
- Swivel guard
- Track guiding guards:
 - Full length

SAFETY AND 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
- Mirrors
- Rear vision camera
- Capability to connect a beacon

INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

FRONT LINKAGE

- Straight Boom 6.9 m (with BLCV/SLCV) with two side boom lights

GUARDS

- FOGS (Falling Object Guard System) including overhead and windshield guards

HYDRAULIC SYSTEM

- HP hydraulic lines for boom and stick
- MP hydraulic lines for boom and stick
- QC hydraulic lines for boom and stick
- QC control

TRACK

- 600 mm Triple Grouser HD (Long and Long Narrow)

336F Straight Boom Optional Equipment

Optional Equipment

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

FRONT LINKAGE

- Reach Stick 3.9 m (with cylinder guard)
- Reach Stick 3.2 m (with cylinder guard)
- DB-family bucket linkage (with lifting eye)
- CW Quick coupler

ELECTRICAL

- Cold weather starting package, 240V, -32° C

ENGINE

- Quick drains, engine and hydraulic oil (QuickEvac™)

SECURITY

- Cat MSS (anti-theft device)

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

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