

340F

Hydraulic Excavator



Engine

| | |
|----------------------------|------------------|
| Engine Model | Cat® C9.3 ACERT™ |
| Power – ISO 9249 (metric) | 228 kW (310 PS) |
| Power – ISO 14396 (metric) | 234 kW (318 PS) |

Drive

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

Weights

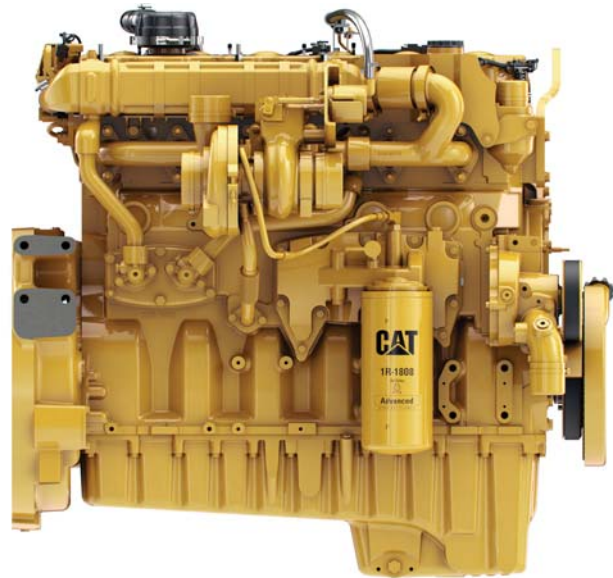
| | |
|----------------|-----------|
| Minimum Weight | 40 100 kg |
| Maximum Weight | 42 800 kg |

The 340F is built to keep your production numbers up and your owning and operating costs down. Not only does the machine's C9.3 ACERT engine meet EU Stage IV emission standards, but it does so while giving you all the power, fuel efficiency, and reliability you need to succeed.

The 340F features a Heavy Duty High Wide Undercarriage (HDHW) that absorbs stresses and provides excellent stability and durability. Additionally, the high ground clearance is ideal in rock environments, bringing the upper frame in a safer high position. 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 40-ton machine.

Following are the built-in benefits and available options that make 340F 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.
- Two power modes – standard and eco – and automatic engine idle shutdown help you more actively manage fuel consumption.

Hydraulics

- SmartBoom™ technology reduces stress and vibrations transmitted to the machine during rock scraping, hammer work and truck loading resulting in greater productivity and fuel efficiency.
- Major hydraulic components are located close together so shorter tubes and lines can be used, leading to less friction loss, reduced pressure drops, and more power to the ground.
- 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.
- 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.
- 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.

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Key Features

Benefits to help get your work done efficiently and effectively



Cab

- The full-size roll-over protective structure (ROPS) cab is both quiet and comfortable.
- The automatic climate control system maintains consistent cab temperature.
- Joysticks, armrests, and seats adjust to your preference.
- Seats include heated and cooled options.
- The LED monitor is programmable in 42 languages.
- A drink holder, storage areas, and auxiliary power outlets are in easy-to-reach areas.



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 that can be selected from the monitor 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, and it is capable of being upgraded for high-ambient conditions.

Technology Options

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

Structures

- Heavy Duty Reach booms and sticks offer you all around versatility for general excavation work like multipurpose digging and loading.
- Mass Excavation boom and sticks provide higher digging forces for heavy material like rock due to special boom and stick geometry, bucket linkage, and cylinders built for greater durability.
- The upper frame is built with special mounts to support the ROPS cab.
- The lower frame is reinforced to enhance component durability.
- 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.

340F Hydraulic Excavator Specifications

Engine

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

Hydraulic System

| | |
|-------------------------------------|------------|
| Maximum Flow | |
| Main System | 570 L/min |
| Swing System | 279 L/min |
| Pilot System | 150 L/min |
| Auxiliary Circuit – High Pressure | 29 L/min |
| Auxiliary Circuit – Medium Pressure | 4100 L/min |
| Maximum Pressure | |
| Equipment | 35 000 kPa |
| Equipment (heavy lift) | 38 000 kPa |
| Travel | 35 000 kPa |
| Swing | 28 000 kPa |
| Pilot System | 4100 kPa |
| Boom Cylinder | |
| Bore | 150 mm |
| Stroke | 1440 mm |
| Stick Cylinder | |
| Bore | 170 mm |
| Stroke | 1738 mm |
| B1 Bucket Cylinder | |
| Bore | 160 mm |
| Stroke | 1356 mm |

Drive

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

Swing

| | |
|--------------|----------|
| 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

| | |
|---------------------------------------|----------------------------|
| Track Options | 850 mm 700 mm 600 mm |
| 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.

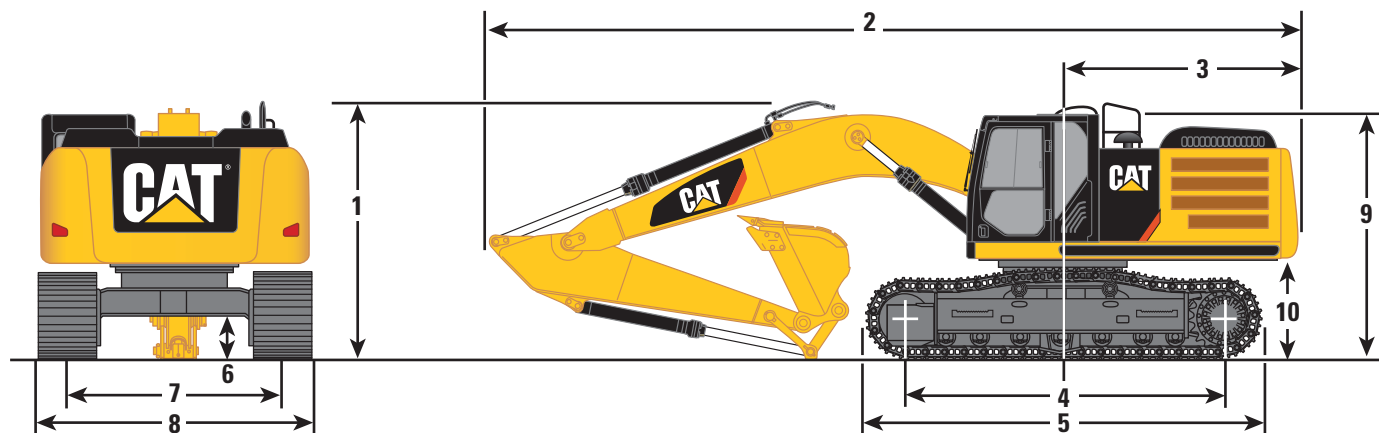
Standards

| | |
|----------|---------------------------------|
| Brakes | ISO 10265:2008 |
| Cab/FOGS | ISO 10262:1998 |
| Cab/ROPS | ISO 12117-2 ISO 12117-2:2008 |
| DEF | ISO 22241 |

340F Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate.



| Boom Options | Reach Boom 6.5 m | | Mass Boom 6.18 m |
|-------------------------------|---------------------|---------------------|---------------------|
| | R3.2DB | R2.8DB | M2.55TB |
| Stick Options | | | |
| 1 Shipping Height* | 3450 mm | 3690 mm | 3670 mm |
| 2 Shipping Length | 11 080 mm | 11 170 mm | 10 840 mm |
| 3 Tail Swing Radius | 3500 mm | 3500 mm | 3500 mm |
| 4 Length to Center of Rollers | 4040 mm | 4040 mm | 4040 mm |
| 5 Track Length | 5020 mm | 5020 mm | 5020 mm |
| 6 Ground Clearance** | 720 mm | 720 mm | 720 mm |
| Ground Clearance* | 690 mm | 690 mm | 690 mm |
| 7 Track Gauge | 2920 mm | 2920 mm | 2920 mm |
| 8 Transport Width | | | |
| 600 mm Shoes | 3520 mm | 3520 mm | 3520 mm |
| 700 mm Shoes | 3620 mm | 3620 mm | 3620 mm |
| 850 mm Shoes | 3770 mm | 3770 mm | 3770 mm |
| 9 Cab Height | 3390 mm | 3390 mm | 3390 mm |
| Cab Height with Top Guard | 3600 mm | 3600 mm | 3600 mm |
| 10 Counterweight Clearance** | 1450 mm | 1450 mm | 1450 mm |
| Bucket Type | GP | GP | SD |
| Bucket Capacity | 2.28 m ³ | 2.28 m ³ | 2.41 m ³ |
| Bucket Tip Radius | 1753 mm | 1753 mm | 1895 mm |

Dimensions may vary depending on bucket selection.

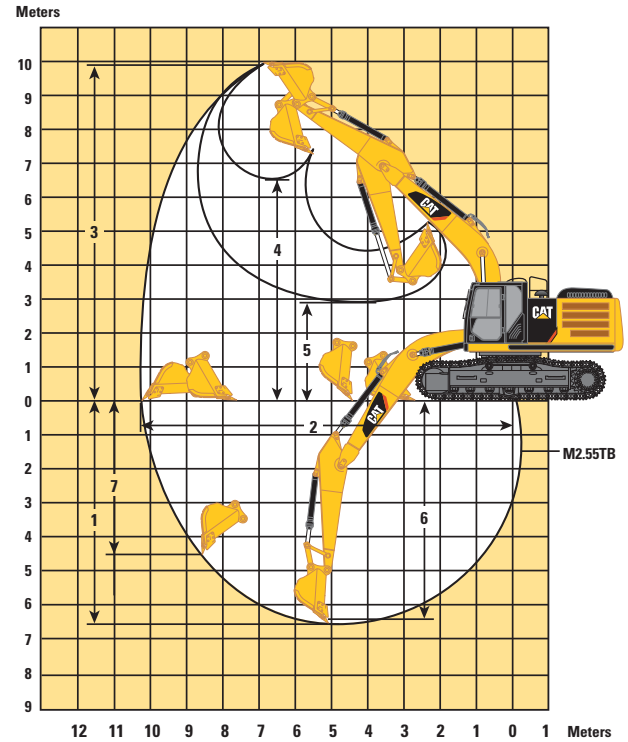
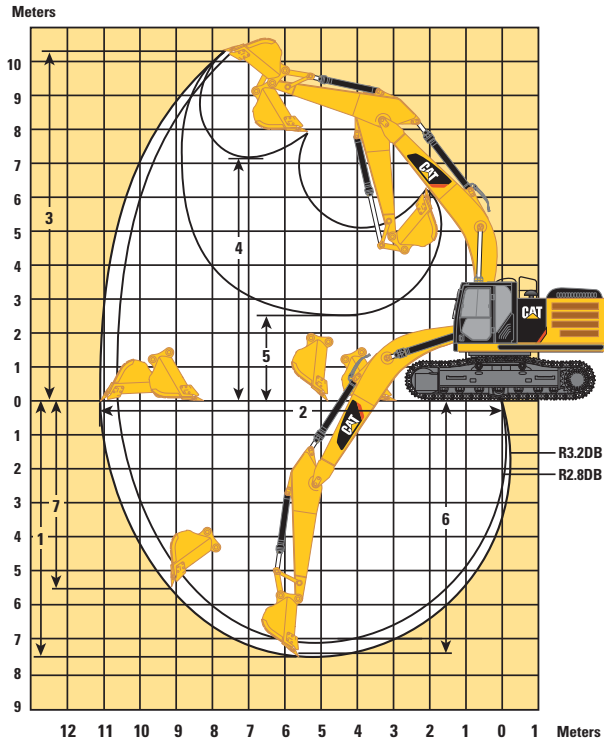
*Including shoe lug height.

**Without shoe lug height.

340F Hydraulic Excavator Specifications

Working Ranges

All dimensions are approximate.



Boom Options

Stick Options

| | Reach Boom 6.5 m | | Mass Boom 6.18 m |
|--|---------------------|---------------------|---------------------|
| | R3.2DB | R2.8DB | M2.55TB |
| 1 Maximum Digging Depth | 7480 mm | 7080 mm | 6650 mm |
| 2 Maximum Reach at Ground Level | 11 020 mm | 10 710 mm | 10 260 mm |
| 3 Maximum Cutting Height | 10 310 mm | 10 370 mm | 9970 mm |
| 4 Maximum Loading Height | 7110 mm | 7110 mm | 6610 mm |
| 5 Minimum Loading Height | 2610 mm | 3010 mm | 2920 mm |
| 6 Maximum Depth Cut for 2440 mm Level Bottom | 7330 mm | 6920 mm | 6470 mm |
| 7 Maximum Vertical Wall Digging Depth | 5620 mm | 5580 mm | 4640 mm |
| Bucket Digging Force (ISO) | 209.7 kN | 209.7 kN | 261.3 kN |
| Stick Digging Force (ISO) | 165.9 kN | 184.6 kN | 190.2 kN |
| Bucket Type | GP | GP | SD |
| Bucket Capacity | 2.28 m ³ | 2.28 m ³ | 2.41 m ³ |
| Bucket Tip Radius | 1753 mm | 1753 mm | 1895 mm |

Dimensions may vary depending on bucket selection.

340F Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

| Boom | Stick | Bucket | 850 mm Shoes (triple grouser) | | 700 mm Shoes (triple grouser) | | 600 mm Shoes (triple grouser) | | 600 mm Shoes (double grouser) | |
|---------|---------|---------------------|----------------------------------|---------------------------|----------------------------------|---------------------------|----------------------------------|---------------------------|----------------------------------|---------------------------|
| | | | Weight kg | Ground Pressure kPa | Weight kg | Ground Pressure kPa | Weight kg | Ground Pressure kPa | Weight kg | Ground Pressure kPa |
| R6.5 m | R3.2DB | 2.28 m ³ | 41 500 | 54.6 | 40 400 | 64.5 | 40 200 | 74.9 | 41 000 | 76.4 |
| R6.5 m | R2.8DB | 2.28 m ³ | 41 400 | 54.4 | 40 400 | 64.5 | 40 100 | 74.7 | 41 000 | 76.4 |
| M6.18 m | M2.55TB | 2.41 m ³ | 42 800 | 56.3 | 41 700 | 66.6 | 41 500 | 77.3 | 42 300 | 78.8 |

Major Component Weights

| | kg |
|---|--------|
| Base Machine (with boom cylinder, without counterweight, front linkage and track) | 20 800 |
| Counterweight | |
| 7.0 mt | 7000 |
| Boom (includes lines, pins and stick cylinder) | |
| Reach Boom – 6.5 m | 4400 |
| Mass Boom – 6.18 m | 4400 |
| Stick (includes lines, pins, bucket cylinder and bucket linkage) | |
| R3.2DB | 1900 |
| R2.8DB | 1800 |
| M2.55TB | 2100 |
| Track Shoes (per two tracks) | |
| 850 mm triple grouser | 5400 |
| 700 mm triple grouser | 4300 |
| 600 mm triple grouser | 4100 |
| 600 mm double grouser | 4900 |
| Buckets | |
| 2.28 m ³ | 1500 |
| 2.41 m ³ | 2500 |

All weights are rounded up to nearest 10 kg except for buckets.

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

340F Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

| | Linkage | Width | Capacity | Weight | Fill | Reach Boom | | Mass Boom |
|--|---------|-------|----------------|--------|------|------------|--------|-----------|
| | | mm | m ³ | kg | % | R3.2DB | R2.8DB | M2.55TB |
| Without Quick Coupler | | | | | | | | |
| 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 | 1600 | 100 | ● | ● | |
| | DB | 1650 | 2.12 | 1730 | 100 | ● | ● | |
| | TB | 1650 | 2.41 | 2210 | 100 | | | ● |
| | TB | 1750 | 2.60 | 2240 | 100 | | | ● |
| | TB | 1800 | 2.69 | 2381 | 100 | | | ◎ |
| Severe Duty (SD) | DB | 1650 | 2.14 | 1827 | 90 | ● | ● | |
| | TB | 1350 | 1.87 | 2065 | 90 | | | ● |
| | TB | 1650 | 2.41 | 2385 | 90 | | | ● |
| Maximum load pin on (payload + bucket) | | | | | kg | 6791 | 6820 | 7566 |
| With Pin Grabber Coupler | | | | | | | | |
| 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 | 1600 | 100 | ● | ● | |
| | DB | 1650 | 2.12 | 1730 | 100 | ● | ● | |
| | TB | 1650 | 2.41 | 2210 | 100 | | | ◎ |
| | TB | 1750 | 2.60 | 2240 | 100 | | | ◎ |
| | TB | 1800 | 2.69 | 2381 | 100 | | | ◎ |
| Severe Duty (SD) | DB | 1650 | 2.15 | 1827 | 90 | ● | ● | |
| | TB | 1350 | 1.87 | 2065 | 90 | | | ● |
| | TB | 1650 | 2.41 | 2385 | 90 | | | ● |
| Maximum load with coupler (payload + bucket) | | | | | kg | 6233 | 6262 | 7008 |

Maximum Material Density

- 2100 kg/m³
- ◎ 1800 kg/m³

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.

340F Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

| | Linkage | Width | Capacity | Weight | Fill | Reach Boom | | Mass Boom |
|--|---------|-------|----------------|--------|------|------------|--------|-----------|
| | | mm | m ³ | kg | % | R3.2DB | R2.8DB | M2.55TB |
| With Quick Coupler (CW45, CW45s) | | | | | | | | |
| 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 | 1650 | 2.15 | 1802 | 90 | ● | ● | |
| | TB | 1350 | 1.87 | 1974 | 90 | | | ● |
| | TB | 1650 | 2.41 | 2295 | 90 | | | ● |
| Maximum load with coupler (payload + bucket) | | | | | kg | 6301 | 6330 | 7076 |

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

Maximum Material Density

● 2100 kg/m³

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.

340F Hydraulic Excavator Specifications

Work Tool Offering Guide*

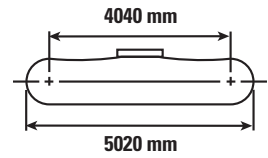
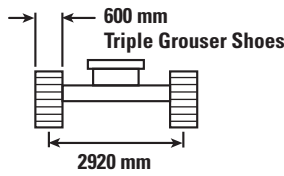
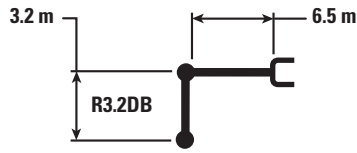
| Boom Options | Reach Boom | | Mass Boom |
|-----------------------------------|---|---|---|
| Stick Options | R3.2 | R2.8 | M2.55 |
| Hydraulic Hammer | H140E s H160E s H180E s | H140E s H160E s H180E s | H140E s H160E s H180E s |
| Multi-Processor | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw | MP30 CC Jaw MP30 CR Jaw MP30 PP Jaw MP30 PS Jaw MP30 S Jaw MP30 TS Jaw |
| Pulverizer | P235 | P235 | P235 |
| Crusher | P335 | P335 | P335 |
| Demolition and Sorting Grapple | G325B-D/R G330 | G325B-D/R G330 | G330 |
| Mobile Scrap and Demolition Shear | S340B S365C | S340B S365C | S340B S365C |
| Compactor (Vibratory Plate) | CVP110 | CVP110 | CVP110 |
| Orange Peel Grapple | | | |
| Dedicated Quick Coupler | CW-45 CW-45S | | |

These work tools are available for the 340F.
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.

340F Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.0 mt – with Bucket – Heavy Lift On



| | | 3000 mm | | 4500 mm | | 6000 mm | | 7500 mm | | 9000 mm | | mm | | |
|----------|----|---------|---------|---------|---------|---------|---------|---------|-------|---------|-------|-------|-------|------|
| | | | | | | | | | | | | | | |
| 9000 mm | kg | | | | | | | | | | | *3200 | *3200 | 7790 |
| 7500 mm | kg | | | | | | | *5850 | *5850 | | | *4050 | *4050 | 8790 |
| 6000 mm | kg | | | | | | | *7350 | *7350 | *6200 | *6200 | *4850 | *4850 | 9410 |
| 4500 mm | kg | | | | | *9450 | *9450 | *8100 | *8100 | *7350 | 6050 | *5150 | *5150 | 9750 |
| 3000 mm | kg | | | *16 450 | *16 450 | *11 350 | *11 350 | *9050 | 8050 | *7850 | 5900 | *5650 | 5000 | 9840 |
| 1500 mm | kg | | | *12 350 | *12 350 | *12 950 | 10 900 | *9950 | 7700 | 8150 | 5700 | *6200 | 4900 | 9790 |
| 0 mm | kg | | | *15 650 | *15 650 | *13 800 | 10 500 | *10 550 | 7450 | 8000 | 5550 | *6900 | 5000 | 9590 |
| -1500 mm | kg | *10 500 | *10 500 | *18 550 | 16 550 | *13 800 | 10 400 | 10 600 | 7350 | 7950 | 5550 | 7800 | 5400 | 9130 |
| -3000 mm | kg | *20 750 | *20 750 | *16 950 | 16 750 | *12 900 | 10 400 | *9900 | 7350 | | | *8300 | 6250 | 8370 |
| -4500 mm | kg | *17 900 | *17 900 | *14 050 | *14 050 | *10 800 | 10 650 | | | | | *8200 | 8100 | 7190 |



ISO 10567



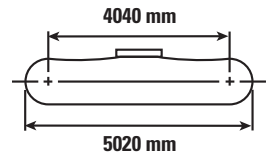
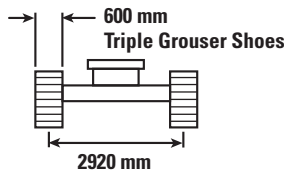
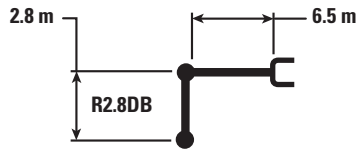
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories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

340F Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.0 mt – with Bucket – Heavy Lift On



| Reach (mm) | Unit | 3000 mm | | 4500 mm | | 6000 mm | | 7500 mm | | 9000 mm | | mm | | |
|------------|------|---------|---------|---------|---------|---------|---------|---------|-------|---------|------|-------|-------|------|
| | | | | | | | | | | | | | | |
| 9000 mm | kg | | | | | | | | | | | *3050 | *3050 | 7430 |
| 7500 mm | kg | | | | | | | *5300 | *5300 | | | *3800 | *3800 | 8480 |
| 6000 mm | kg | | | | | | | *7800 | *7800 | | | *4900 | *4900 | 9130 |
| 4500 mm | kg | | | *13 400 | *13 400 | *10 050 | *10 050 | *8500 | 8300 | *7700 | 6050 | *6450 | 5500 | 9480 |
| 3000 mm | kg | | | | | *11 900 | 11 350 | *9400 | 7950 | *8100 | 5850 | *7000 | 5250 | 9580 |
| 1500 mm | kg | | | | | *13 300 | 10 800 | *10 250 | 7650 | 8150 | 5700 | 7450 | 5200 | 9490 |
| 0 mm | kg | | | | | *13 900 | 10 500 | *10 700 | 7450 | 8050 | 5600 | 7650 | 5350 | 9290 |
| -1500 mm | kg | | | *18 050 | 16 650 | *13 700 | 10 400 | *10 550 | 7400 | | | 8300 | 5800 | 8810 |
| -3000 mm | kg | *20 000 | *20 000 | *16 150 | *16 150 | *12 550 | 10 500 | *9550 | 7450 | | | *8450 | 6800 | 8010 |
| -4500 mm | kg | | | *12 900 | *12 900 | *9900 | *9900 | | | | | *8050 | *8050 | 6760 |



ISO 10567



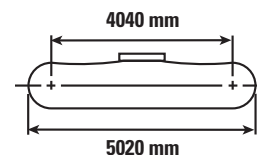
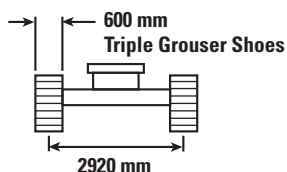
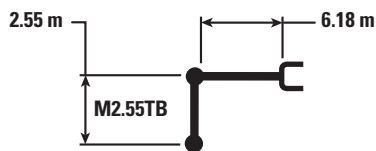
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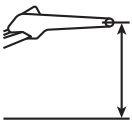











Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

340F Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7.0 mt – with Bucket – Heavy Lift On



|  | 3000 mm | | 4500 mm | | 6000 mm | | 7500 mm | |  | | | |
|---|---|---|---|---|---|---|---|---|---|---|-------|------|
| |  |  |  |  |  |  |  |  |  |  | mm | |
| 7500 mm | kg | | | | | | | | | *5350 | *5350 | 7520 |
| 6000 mm | kg | | | | *8100 | *8100 | *7350 | *7350 | *5450 | *5450 | | 8260 |
| 4500 mm | kg | | *13 200 | *13 200 | *9600 | *9600 | *7950 | 7500 | *5500 | 5350 | | 8830 |
| 3000 mm | kg | | | | *11 350 | 10 500 | *8800 | 7150 | *5750 | 4900 | | 9110 |
| 1500 mm | kg | | | | *12 650 | 9950 | *9500 | 6850 | *6250 | 4800 | | 9110 |
| 0 mm | kg | | *15 600 | *15 600 | *12 950 | 9700 | *9750 | 6650 | *7000 | 4950 | | 8860 |
| -1500 mm | kg | | *16 250 | 16 000 | *12 350 | 9650 | *9350 | 6600 | *7800 | 5550 | | 8320 |
| -3000 mm | kg | *16 650 | *16 650 | *13 750 | *13 750 | *10 650 | 9850 | | *7600 | 6950 | | 7410 |
| -4500 mm | kg | | | | | | | | *6750 | *6750 | | 5820 |



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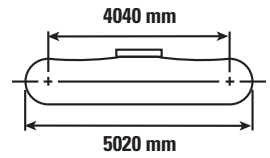
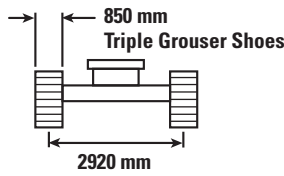
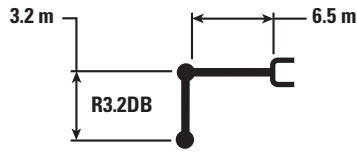
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Lift capacity stays with ±5% for all available track shoes.

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

340F Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On



| Reach (mm) | Unit | 3000 mm | | 4500 mm | | 6000 mm | | 7500 mm | | 9000 mm | | mm | | |
|------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| | | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | |
| 9000 mm | kg | | | | | | | | | | | *7900 | *7900 | 6610 |
| 7500 mm | kg | | | | | | | *8700 | *8700 | | | *7350 | *7350 | 7860 |
| 6000 mm | kg | | | | | | | *8900 | *8900 | | | *7200 | *7200 | 8690 |
| 4500 mm | kg | | | *14 000 | *14 000 | *11 050 | *11 050 | *9600 | 9450 | *8850 | 7150 | *7300 | 6900 | 9190 |
| 3000 mm | kg | | | *17 500 | *17 500 | *12 750 | 12 600 | *10 500 | 9150 | *9250 | 7000 | *7600 | 6500 | 9430 |
| 1500 mm | kg | | | *19 750 | 18 250 | *14 150 | 12 050 | *11 300 | 8850 | 9350 | 6850 | *8200 | 6400 | 9420 |
| 0 mm | kg | | | *20 350 | 17 850 | *14 900 | 11 700 | *11 750 | 8600 | 9250 | 6750 | 9000 | 6550 | 9170 |
| -1500 mm | kg | *15 250 | *15 250 | *19 800 | 17 800 | *14 850 | 11 600 | *11 700 | 8550 | | | 9750 | 7100 | 8650 |
| -3000 mm | kg | *23 650 | *23 650 | *18 150 | 17 950 | *13 850 | 11 650 | *10 650 | 8600 | | | *10 000 | 8200 | 7810 |
| -4500 mm | kg | *19 850 | *19 850 | *15 050 | *15 050 | *11 300 | *11 300 | | | | | *10 000 | *10 000 | 6520 |



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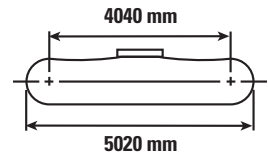
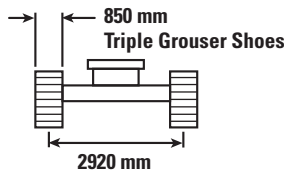
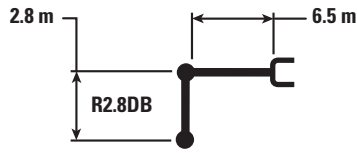
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Lift capacity stays with ±5% for all available track shoes.

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

340F Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On



| | | 3000 mm | | 4500 mm | | 6000 mm | | 7500 mm | | 9000 mm | | mm | | |
|----------|----|---------|---------|---------|---------|---------|---------|---------|-------|---------|------|---------|-------|------|
| | | | | | | | | | | | | | | |
| 9000 mm | kg | | | | | | | | | | | *9850 | *9850 | 6170 |
| 7500 mm | kg | | | | | | | | | | | *9300 | *9300 | 7500 |
| 6000 mm | kg | | | | | *10 200 | *10 200 | *9400 | *9400 | | | *9000 | 8050 | 8360 |
| 4500 mm | kg | | | *15 000 | *15 000 | *11 650 | *11 650 | *10 000 | 9400 | | | *9050 | 7250 | 8880 |
| 3000 mm | kg | | | *18 400 | *18 400 | *13 250 | 12 450 | *10 800 | 9100 | 9500 | 6950 | 9300 | 6800 | 9130 |
| 1500 mm | kg | | | *16 850 | *16 850 | *14 500 | 12 000 | *11 500 | 8800 | 9350 | 6850 | 9200 | 6700 | 9120 |
| 0 mm | kg | | | *20 300 | 17 850 | *15 000 | 11 700 | *11 850 | 8650 | | | 9500 | 6900 | 8860 |
| -1500 mm | kg | *14 700 | *14 700 | *19 400 | 17 900 | *14 750 | 11 650 | *11 600 | 8600 | | | *10 100 | 7500 | 8320 |
| -3000 mm | kg | *22 850 | *22 850 | *17 450 | *17 450 | *13 450 | 11 750 | | | | | *10 200 | 8800 | 7440 |
| -4500 mm | kg | | | *13 800 | *13 800 | *10 000 | *10 000 | | | | | *9800 | *9800 | 6070 |



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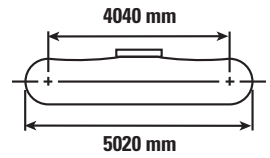
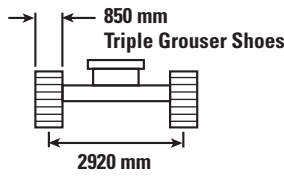
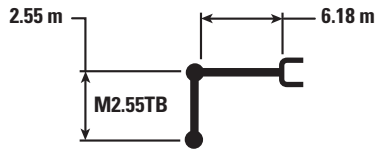
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

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

340F Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7.0 mt – without Bucket – Heavy Lift On



| Boom Length | Unit | 3000 mm | | 4500 mm | | 6000 mm | | 7500 mm | | mm | | |
|-------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| | | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | Diagram 1 | Diagram 2 | |
| 7500 mm | kg | | | | | *10 150 | *10 150 | | | *9000 | *9000 | 6770 |
| 6000 mm | kg | | | | | *10 650 | *10 650 | *9900 | 9350 | *8650 | *8650 | 7710 |
| 4500 mm | kg | | | *15 150 | *15 150 | *11 850 | *11 850 | *10 300 | 9150 | *8700 | 7850 | 8280 |
| 3000 mm | kg | | | *18 300 | *18 300 | *13 300 | 12 250 | *10 950 | 8900 | *9050 | 7350 | 8540 |
| 1500 mm | kg | | | *20 000 | 17 900 | *14 450 | 11 800 | *11 500 | 8650 | *9800 | 7200 | 8530 |
| 0 mm | kg | | | *19 950 | 17 650 | *14 800 | 11 550 | *11 650 | 8450 | 10 350 | 7450 | 8250 |
| -1500 mm | kg | *19 650 | *19 650 | *18 800 | 17 700 | *14 250 | 11 500 | *10 950 | 8500 | *10 600 | 8250 | 7670 |
| -3000 mm | kg | *21 050 | *21 050 | *16 300 | *16 300 | *12 400 | 11 650 | | | *10 500 | 10 100 | 6700 |



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*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.

ENGINE

- Cat C9.3 ACERT diesel engine
- Biodiesel capable, up to B20
- Meets EU Stage IV emission standards
- 2300 m altitude capability
- Electric priming pump with switch
- Automatic engine speed control
- Standard, economy and high power modes
- Water separator in fuel line including water level sensor and indicator
- Air cleaner
- Radial seal air filter
- Side-by-side cooling system
- Primary filter with water separator and water separator indicator switch
- Fuel differential indicator switch in fuel line

HYDRAULIC SYSTEM

- Reverse swing dampening valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Regeneration circuit for boom and stick
- Capability of installing additional auxiliary circuits
- Up to B20 bio oil capable

COUNTERWEIGHT

- 7.0 mt

CAB

- Parallel wiper and washer
- Mirrors
- Pressurized operator station with positive filtration
- Laminated glass front upper window and tempered other windows
- Sliding upper door window (left-hand cab door)
- Removable lower windshield within cab storage bracket
- Openable skylight
- Interior
 - Glass-breaking safety hammer
 - 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)
 - Thumbwheel modulation joystick for use with combined auxiliary control
 - Sunscreen
 - Air conditioner, heater and defroster with climate control
- Seat
 - Seatbelt, 51 mm
 - 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 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

UNDERCARRIAGE

- Long and heavy-duty high wide undercarriage
- Grease Lubricated Track with PPR2
- Heavy-duty track rollers and idlers
- Towing eye on base frame
- Swivel guard
- Heavy-duty travel motor guard
- Heavy-duty bottom guard

ELECTRICAL

- 80 amp alternator
- Circuit breaker
- Standard battery

LIGHTS

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

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
- Bolt on FOGS capability
- Safety hammer for breaking cab glass

INTEGRATED TECHNOLOGIES

- Product Link
- Rear vision camera

340F Optional Equipment

Optional Equipment

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

FRONT LINKAGE

- HD Reach boom 6.5 m (with BLCV/SLCV/SmartBoom)
 - R3.2DB stick
 - R2.8DB stick
- Mass boom 6.18 m (with BLCV/SLCV/SmartBoom)
 - M2.55TB stick
- Bucket linkage
 - DB family (with lifting eye)
 - TB family (with lifting eye)
- CW dedicated quick coupler

TRACK

- 850 mm triple grouser
- 700 mm triple grouser
- 600 mm triple grouser HD
- 600 mm double grouser

GUARDS

- Track guiding guards
 - Full length
 - Center section

LIGHTS

- Cab working lights, halogen

CAB

- Cab front rain protector
- Windshield
 - 70-30 split, sliding, removable lower windshield with in cab storage bracket
 - One-piece, fixed

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
- Up to B20 bio hydraulic oil

ELECTRICAL

- Cold weather starting package, 240V, –32° C
- Electric refueling pump with auto shut off, and storage box

ENGINE

- Quick drains, engine and hydraulic oil (QuickEvac™)
- Fast fill port for fuel

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

AEHQ7518 (08-2015)
(EU)

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