

PRODUCT SPECIFICATIONS FOR 308 CR

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| Net Power | 51.8 kW |
| Engine Model | Cat C3.3B |
| Stroke | 120 mm |
| Bore | 94 mm |
| Gross Power - SAE J1995 | 55.4 kW |
| Displacement | 3.33 l |
| Rated Net Power - 2,200 rpm - U.S. EPA Tier 4 Final/EU Stage V - ISO 9249/EEC 80/1269 | 51.8 kW |
| Operating Weight | 9105 kg |
| Note (1) | *Minimum Weight is based on rubber tracks, no counterweight, operator, full fuel tank, standard stick, blade and no bucket. |
| Note (2) | **Maximum Weight is based on steel tracks with rubber pads, counterweight, operator, full fuel tank, long stick, blade and no bucket. |
| Maximum Operating Weight with Cab** | 9105 kg |
| Minimum Operating Weight with Cab* | 8440 kg |
| Steel Tracks with Pads | 341 kg |
| Counterweight | 250 kg |

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| Long Stick | 66 kg |
| Maximum Traction Force - High Speed | 27.8 kN |
| Ground Pressure - Maximum Weight | 39.8 kPa |
| Ground Pressure - Minimum Weight | 36.9 kPa |
| Travel Speed - High | 5.1 km/h |
| Travel Speed - Low | 3.1 km/h |
| Maximum Traction Force - Low Speed | 67.5 kN |
| Gradeability - Maximum | 30 degrees |
| Fuel Tank | 147 l |
| Hydraulic System | 110 l |
| Hydraulic Tank | 53 l |
| Cooling System | 10 l |
| Engine Oil | 11.2 l |
| Digging Force - Bucket | 62 kN |
| Operating Pressure - Travel | 285 bar |
| Operating Pressure - Swing | 250 bar |
| Operating Pressure - Equipment | 285 bar |

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| Digging Force - Stick - Long | 35.7 kN |
| Type | Load Sensing Hydraulics with Variable Displacement Piston Pump |
| Note | Flow and pressure are not combinable. Under load, as flow rises pressure goes down. |
| Pump Flow at 2,400 rpm | 167 l/min |
| Digging Force - Stick - Standard | 42.3 kN |
| Maximum Auxiliary Circuit - Primary - Pressure at Pump | 285 bar |
| Maximum Auxiliary Circuit - Secondary - Pressure at Pump | 285 bar |
| Maximum Auxiliary Circuit - Primary - Flow at Pump | 131 l/min |
| Maximum Auxiliary Circuit - Secondary - Flow at Pump | 33 l/min |
| Machine Swing Speed | 10.6 r/min |
| Boom Swing - Right | 50 degrees |
| Boom Swing - Left | 60 degrees |
| Height | 431 mm |
| Width - Standard | 2300 mm |
| Width - Wide | 2450 mm |

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| Top Guard | ISO 10262:1998 (Level I) |
| Roll Over Protective Structure (ROPS) | ISO 12117-2:2008 |
| Tip Over Protective Structure (TOPS) | ISO 12117:1997 |
| Operator Sound Pressure (ISO 6396:2008) | 72 dB(A) |
| Note | European Union Directive "2000/14/EC" |
| Average Exterior Sound Pressure (ISO 6395:2008) | 99 dB(A) |

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| Cab Height | 2541 mm |
| Vertical Wall | 2991 mm |
| Boom In Reach | 3059 mm |
| Tail Swing with Counterweight | 1585 mm |
| Boom Swing - Right | 935 mm |
| Track Belt/Shoe Width | 450 mm |
| Maximum Reach | 7141 mm |
| Stick Length | 1820 mm |
| Maximum Blade Height | 370 mm |
| Boom Swing - Left | 604 mm |
| Maximum Blade Depth | 407 mm |

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| O/A Track Width | 2300 mm |
| Maximum Dig Height | 6736 mm |
| Maximum Dump Clearance | 4760 mm |
| Maximum Reach - Ground Level | 6949 mm |
| Tail Swing without Counterweight | 1450 mm |
| O/A Undercarriage Length | 2880 mm |
| Swing Bearing - Height | 756 mm |
| Ground Clearance | 350 mm |
| Dig Depth | 4108 mm |
| Note | *Boom Height when stick is pinned in transport position with no attachments. |
| Overall Shipping Length - with Counterweight | 6706 mm |
| Note (1) | **Boom Height when stick is pinned in working position with attachments. Standard Stick offers only one pin position. |
| Overall Shipping Length - without Counterweight | 6574 mm |
| Note (2) | ***With blade positioned at the rear of the machine. |
| Height - Boom Working - With Tools** | 2660 mm |
| Height - Boom Transport - No Tools* | 2430 mm |

TECH**Dig Depth** 4643 mm**Boom Swing - Left** 604 mm**Maximum Dig Height** 7039 mm**Maximum Blade Height** 370 mm**Track Belt/Shoe Width** 450 mm**Cab Height** 2541 mm**Tail Swing with Counterweight** 1585 mm**O/A Undercarriage Length** 2880 mm**Maximum Dump Clearance** 5072 mm**Boom Swing - Right** 935 mm**Maximum Blade Depth** 407 mm**Ground Clearance** 350 mm**Stick Length** 2358 mm**Maximum Reach** 7637 mm**Maximum Reach - Ground Level** 7460 mm**Boom In Reach** 3215 mm**Swing Bearing - Height** 756 mm

O/A Track Width 2300 mm

Tail Swing without Counterweight 1450 mm

Vertical Wall 3404 mm

Note *Boom Height when stick is pinned in transport position with no attachments.

Note (2) ***With blade positioned at the rear of the machine.

Note (1) **Boom Height when stick is pinned in working position with attachments. Standard Stick offers only one pin position.

Height - Boom Transport - No Tools* 2260 mm

Height - Boom Working - With Tools** 3050 mm

Overall Shipping Length - without Counterweight 6872 mm (270.6 in)***

Overall Shipping Length - with Counterweight 6872 mm (270.6 in)***

Air Conditioning The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1 kg of refrigerant which has a CO2 equivalent of 1.430 metric tonnes.

308 CR STANDARD EQUIPMENT

ENGINE

Cat C3.3B Diesel Engine (U.S. EPA Tier 4 Final/EU Stage V) – Electronic Engine, Turbo, Diesel Particulate Filter (DPF)

Automatic Engine Idle

Automatic Engine Shutdown

Automatic Swing Brake

Automatic Two Speed Travel

Fuel Water Separator with Indicator

Radial Seal – Double Element Air Filter

Extended Life Coolant, -37° C (-35° F)

HYDRAULICS

Electronic Variable Displacement Piston Pump

Load Sensing/Flow Sharing Hydraulics

Power On Demand

Hydraulic Temperature Monitoring
Certified Accumulator
HYDO Advanced Hydraulic Oil

OPERATOR ENVIRONMENT

Top Guard ISO 10262 1998 Level I
ROPS ISO 12117-2:2008
Stick Steer Mode
Travel Cruise Control
Control Pattern Changer
Adjustable Wrist Rests
Molded Footrests
Removable, Washable Floor Mat
Travel Pedals and Hand Levers
Cat Key with Passcode Option
HVAC with Automatic Temperature Control
Hydraulic Lockout Controls
Integrated Lower Front Window
Assisted Front Window Overhead Storage
Rear Window Emergency Exit
Fabric, High Back, Suspension Seat
Retractable Seat Belt (75 mm/3 in)
Coat Hook
Cup Holder
LED Interior Light
Literature Holder
Mounting Bosses for Top and Front Guards
12V Power Socket
Radio – Bluetooth, Auxiliary, Microphone, USB (charging only)
Skylight
Signaling/Warning Horn
Cab and (left side) Boom Work Lights
Utility Space for Mobile Phone

Next Generation Color LCD Monitor (IP66)

- Jog Dial Interface
- Fuel Level and Coolant Temperature Gauges
- Maintenance and Machine Monitoring
- Performance and Machine Adjustments
- Numeric Security Code
- Multiple Languages
- Camera Ready (IP68 & IP69K)
- Hour Meter with Wake Up Switch

INDEPENDENCE

UNDERCARRIAGE

Greased and Lubricated Track
Tie Down Eyes on Track Frame
Dozer Blade
Dozer Float
Bolt-on, Reversible Wear Edge

BOOM, STICK AND LINKAGES

One Piece Boom (3400 mm/133.9 in)
Standard Stick (1820 mm/71.7 in)
Front Shovel Capable – Pin-on/Manual Coupler/Hydraulic Coupler (not available in all regions)
Thumb Ready (not available in all regions)

ELECTRICAL

12 Volt Electrical System
60 Ampere Alternator
Circuit Breaker
900 CCA Maintenance Free Battery
Battery Disconnect
Ignition Key Stop Switch

OTHER

Locks on External Enclosure Doors
Lockable Fuel Cap
Beacon Socket
Rear Reflectors

308 CR OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Push to Start with Bluetooth® Key

Air Suspension Heated Seat

Rain Visor

Next Generation Advanced Monitor (below are all included with Next Generation Advanced Monitor option)

- Touch Screen

- Site Reference System

- High Definition Camera Capable (IP68 & IP69K)

- Numeric Security Code

UNDERCARRIAGE

Wide Dozer Blade

Steel Tracks (450 mm/17.7 in wide)

Wide Steel Tracks (600 mm/23.6 in)

Steel Track with Rubber Pads

Track Guides

BOOM, STICK AND LINKAGES

Long Stick (2360 mm/92.9 in)

Attachments including Buckets, Augers and Hammers
2nd Auxiliary Hydraulic Lines
Boom Lowering Check Valve
Stick Lowering Check Valve
Certified Lifting Eye

ELECTRICAL

Product Link™ Elite (regulations apply)
Travel Alarm
Rearview Camera
Rotating Beacon

GUARDING

Mesh Front Guard ISO 10262 1998 Level I
Heavy Duty Front Guard ISO 10262 1998 Level II
Overhead Cab Guard ISO 10262 1998 Level II
Polycarbonate Front Window EN356 P5A
Track Guards

OTHER

Additional Counterweight
Water Jacket Heater
Refueling Pump
Variable Angle Boom (refer to 308 CR VAB brochure for VAB specs and additional information)

