

PRODUCT SPECIFICATIONS FOR 308 CR

ENGINE

Net Power	69.5 HP 51.8 kW
Engine Model	Cat C3.3B Cat C3.3B
Stroke	4.7 in 120 mm
Bore	3.7 in 94 mm
Gross Power - SAE J1995	74.3 HP 55.4 kW
Displacement	203 in ³ 3.33 l
Rated Net Power - 2,200 rpm - U.S. EPA Tier 4 Final/EU Stage V - ISO 9249/EEC 80/1269	69.5 HP 51.8 kW

WEIGHTS

Operating Weight	20077 lb 9105 kg
Note (1)	*Minimum Weight is based on rubber tracks, no counterweight, operator, full fuel tank, standard stick, blade and no bucket. *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 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**	20077 lb 9105 kg

Minimum Operating Weight with Cab* 18610 lb 8440 kg

WEIGHT INCREASE FROM MINIMUM CONFIGURATION

Steel Tracks with Pads 752 lb 341 kg

Counterweight 552 lb 250 kg

Long Stick 146 lb 66 kg

TRAVEL SYSTEM

Maximum Traction Force - High Speed 6250 lb 27.8 kN

Ground Pressure - Maximum Weight 5.8 psi 39.8 kPa

Ground Pressure - Minimum Weight 5.4 psi 36.9 kPa

Travel Speed - High 3.2 mile/h 5.1 km/h

Travel Speed - Low 1.9 mile/h 3.1 km/h

Maximum Traction Force - Low Speed 15175 lb 67.5 kN

Gradeability - Maximum 30 degrees 30 degrees

SERVICE REFILL CAPACITIES

Fuel Tank 39 gal (US) 147 l

Hydraulic System 29 gal (US) 110 l

Hydraulic Tank 14 gal (US) 53 l

Cooling System	2.6 gal (US) 10 l
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Engine Oil	3 gal (US) 11.2 l
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HYDRAULIC SYSTEM

Digging Force - Bucket	13946 lb 62 kN
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Operating Pressure - Travel	4134 psi 285 bar
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Operating Pressure - Swing	3626 psi 250 bar
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Operating Pressure - Equipment	4134 psi 285 bar
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Digging Force - Stick - Long	8032 lb 35.7 kN
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Type	Load Sensing Hydraulics with Variable Displacement Piston Pump Load Sensing Hydraulics with Variable Displacement Piston Pump
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Note	Flow and pressure are not combinable. Under load, as flow rises pressure goes down. Flow and pressure are not combinable. Under load, as flow rises pressure goes down.
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Pump Flow at 2,400 rpm	44 gal/min 167 l/min
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Digging Force - Stick - Standard	9509 lb 42.3 kN
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Maximum Auxiliary Circuit - Primary - Pressure at Pump	4134 psi 285 bar
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Maximum Auxiliary Circuit - Secondary - Pressure at Pump	4134 psi 285 bar
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Maximum Auxiliary Circuit - Primary - Flow at Pump	35 gal/min 131 l/min
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Maximum Auxiliary Circuit - Secondary - Flow at Pump	9 gal/min 33 l/min
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SWING SYSTEM

Machine Swing Speed	10.6 r/min 10.6 r/min
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Boom Swing - Right	50 degrees 50 degrees
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Boom Swing - Left	60 degrees 60 degrees
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BLADE

Height	17 in 431 mm
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Width - Standard	90.6 in 2300 mm
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Width - Wide	96.5 in 2450 mm
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CERTIFICATION - CAB

Top Guard	ISO 10262:1998 (Level I) ISO 10262:1998 (Level I)
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Roll Over Protective Structure (ROPS)	ISO 12117-2:2008 ISO 12117-2:2008
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Tip Over Protective Structure (TOPS)	ISO 12117:1997 ISO 12117:1997
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SOUND

Operator Sound Pressure (ISO 6396:2008)	72 dB(A) 72 dB(A)
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Note

European Union Directive "2000/14/EC" European Union Directive "2000/14/EC"

**Average Exterior Sound Pressure
(ISO 6395:2008)**

99 dB(A) 99 dB(A)

DIMENSIONS - STANDARD STICK**Cab Height**

100 in 2541 mm

Vertical Wall

117.8 in 2991 mm

Boom In Reach

120.4 in 3059 mm

**Tail Swing with
Counterweight**

62.4 in 1585 mm

**Boom Swing -
Right**

36.8 in 935 mm

**Track Belt/Shoe
Width**

17.7 in 450 mm

**Maximum
Reach**

281.1 in 7141 mm

Stick Length

71.7 in 1820 mm

**Maximum Blade
Height**

14.6 in 370 mm

**Boom Swing -
Left**

23.8 in 604 mm

**Maximum Blade
Depth**

16 in 407 mm

O/A Track Width

90.6 in 2300 mm

Maximum Dig Height 265.2 in 6736 mm

Maximum Dump Clearance 187.4 in 4760 mm

Maximum Reach - Ground Level 273.6 in 6949 mm

Tail Swing without Counterweight 57.1 in 1450 mm

O/A Undercarriage Length 113.4 in 2880 mm

Swing Bearing - Height 29.7 in 756 mm

Ground Clearance 13.8 in 350 mm

Dig Depth 161.7 in 4108 mm

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

Overall Shipping Length - with Counterweight 264 in 6706 mm

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

Overall Shipping Length - without Counterweight 258.8 in 6574 mm

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

Height - Boom Working - With Tools** 104.7 in 2660 mm

Height - Boom Transport - No Tools* 95.7 in 2430 mm

DIMENSIONS - LONG STICK

Dig Depth 182.8 in 4643 mm

Boom Swing - Left 23.8 in 604 mm

Maximum Dig Height 277.1 in 7039 mm

Maximum Blade Height 14.6 in 370 mm

Track Belt/Shoe Width 17.7 in 450 mm

Cab Height 100 in 2541 mm

Tail Swing with Counterweight 62.4 in 1585 mm

O/A Undercarriage Length 113.4 in 2880 mm

Maximum Dump Clearance 199.7 in 5072 mm

Boom Swing - Right 36.8 in 935 mm

Maximum Blade Depth 16 in 407 mm

Ground Clearance 13.8 in 350 mm

Stick Length 92.8 in 2358 mm

Maximum Reach 300.7 in 7637 mm

Maximum Reach - Ground Level 293.7 in 7460 mm

Boom In Reach 126.6 in 3215 mm

Swing Bearing - Height 29.7 in 756 mm

O/A Track Width 90.6 in 2300 mm

Tail Swing without Counterweight 57.1 in 1450 mm

Vertical Wall 134 in 3404 mm

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

Note (2) ***With blade positioned at the rear of the machine. ***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. **Boom Height when stick is pinned in working position with attachments. Standard Stick offers only one pin position.

**Height - Boom
Transport - No
Tools***

89 in 2260 mm

**Height - Boom
Working - With
Tools****

120.1 in 3050 mm

**Overall
Shipping
Length - without
Counterweight**

6872 mm (270.6 in)*** 6872 mm (270.6 in)***

**Overall
Shipping
Length - with
Counterweight**

6872 mm (270.6 in)*** 6872 mm (270.6 in)***

AIR CONDITIONING SYSTEM

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. 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)

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)

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)