

PRODUCT SPECIFICATIONS FOR 306 CR

ENGINE

| | |
|--|-------------------------------|
| Net Power | 55.9 HP 41.7 kW |
| Gross Power - ISO 14396 | 57.9 HP 43.2 kW |
| Displacement | 148 in ³ 2.43 l |
| Bore | 3.4 in 87 mm |
| Stroke | 4 in 102.4 mm |
| Engine Model | Cat C2.4 Turbo Cat C2.4 Turbo |
| Net Power @ 2,200 rpm - U.S. EPA Tier 4 Final/EU Stage V - ISO 9249/EEC 80/1269 | 55.9 HP 41.7 kW |

WEIGHTS

| | |
|---|------------------|
| Operating Weight | 15766 lb 7150 kg |
| Minimum Operating Weight with Canopy* | 14134 lb 6410 kg |
| Maximum Operating Weight with Canopy** | 15633 lb 7090 kg |

Note (2) **Maximum Weight is based on steel tracks with pads. extra counterweight. operator.

full fuel tank, long stick, fixed blade and no bucket. **Maximum Weight is based on steel tracks with pads, extra counterweight, operator, full fuel tank, long stick, fixed blade and no bucket.

Maximum Operating Weight with Cab** 15766 lb 7150 kg

Minimum Operating Weight with Cab* 14266 lb 6470 kg

Note (1) *Minimum Weight is based on rubber tracks, operator, full fuel tank, standard stick, fixed blade and no bucket. *Minimum Weight is based on rubber tracks, operator, full fuel tank, standard stick, fixed blade and no bucket.

WEIGHT INCREASE FROM MINIMUM CONFIGURATION

Counterweight 551 lb 250 kg

Long Stick 97 lb 44 kg

Steel Tracks with Pads 827 lb 375 kg

Angle Blade 225 lb 102 kg

XTC Carriage (no tool) 141 lb 64 kg

TRAVEL SYSTEM

Ground Pressure - Minimum Weight 5.1 psi 35.4 kPa

Ground Pressure - Maximum Weight 5.7 psi 39.1 kPa

Gradeability - Maximum 30 degrees 30 degrees

Maximum Traction Force - High Speed 6969 lbf 31 kN

Maximum Traction Force - Low Speed

12589 lbf 56 kN

Travel Speed - High

3.1 mile/h 5 km/h

Travel Speed - Low

1.7 mile/h 2.8 km/h

SERVICE REFILL CAPACITIES

Cooling System

2.6 gal (US) 10 l

Hydraulic System

27.5 gal (US) 104 l

Hydraulic Tank

14 gal (US) 53 l

Engine Oil

2.1 gal (US) 8 l

Fuel Tank

34.3 gal (US) 130 l

HYDRAULIC SYSTEM

**Operating Pressure -
Travel**

3553 psi 24500 kPa

**Auxiliary Circuit -
Primary - Flow**

24 gal/min 90 l/min

**Digging Force -
Bucket**

11578 lbf 51.5 kN

**Auxiliary Circuit -
Primary - Pressure**

3553 psi 24500 kPa

Type

Load Sensing Hydraulics with Variable Displacement Piston Pump Load Sensing Hydraulics with Variable Displacement Piston Pump

Auxiliary Circuit -

9 gal/min 33 l/min

Secondary - Flow

Operating Pressure - Equipment 3553 psi 24500 kPa

Auxiliary Circuit - Secondary - Pressure 3553 psi 24500 kPa

Digging Force - Stick - Standard 6632 lbf 29.5 kN

Operating Pressure - Swing 3263 psi 22500 kPa

Digging Force - Stick - Long 5957 lbf 26.5 kN

Pump Flow at 2,400 rpm 40 gal/min 151 l/min

SWING SYSTEM

Boom Swing - Right 65 degrees 65 degrees

Boom Swing - Left 60 degrees 60 degrees

Machine Swing Speed 11 r/min 11 r/min

BLADE

Straight Blade Width 78 in 1980 mm

Angle Blade Width 78 in 1980 mm

Straight Blade Height 15.4 in 390 mm

Angle Blade Height 15.7 in 400 mm

CERTIFICATION - CAB

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

SOUND

| | |
|--|---|
| Operator Sound Pressure (ISO 6396:2008) | 72 dB(A) 72 dB(A) |
| Average Exterior Sound Pressure (ISO 6395:2008) | 99 dB(A) 99 dB(A) |
| Note | European Union Directive "2000/14/EC" European Union Directive "2000/14/EC" |

DIMENSIONS - STANDARD STICK

| | |
|-------------------------------------|----------------|
| Track Belt/Shoe Width | 16 in 400 mm |
| Maximum Reach | 248 in 6295 mm |
| Stick Length | 62 in 1580 mm |
| Vertical Wall | 107 in 2710 mm |
| Swing Bearing - Height | 27 in 672 mm |
| Maximum Reach - Ground Level | 241 in 6130 mm |
| Maximum Blade Height | 16 in 415 mm |
| Ground Clearance | 12 in 306 mm |
| Boom In Reach | 98 in 2485 mm |

| | |
|---|----------------|
| Boom Swing - Right | 36 in 910 mm |
| Transport Height | 69 in 1755 mm |
| Tail Swing with Counterweight | 58 in 1475 mm |
| Cab Height | 100 in 2545 mm |
| Width over Upper House | 77 in 1950 mm |
| Maximum Dump Clearance | 170 in 4325 mm |
| Tail Swing without Counterweight | 53 in 1350 mm |
| Boom Swing - Left | 29 in 735 mm |
| O/A Undercarriage Length | 102 in 2580 mm |
| Maximum Dig Height | 230 in 5835 mm |
| Maximum Blade Depth | 24 in 600 mm |
| O/A Track Width | 78 in 1980 mm |
| Dig Depth | 146 in 3710 mm |
| O/A Shipping Length | 235 in 5975 mm |
| DIMENSIONS - LONG STICK | |
| Dig Depth | 162 in 4110 mm |
| Maximum Blade Height | 16 in 415 mm |
| O/A Track Width | 78 in 1980 mm |

| | |
|---|----------------|
| Track Belt/Shoe Width | 16 in 400 mm |
| Tail Swing with Counterweight | 58 in 1475 mm |
| Vertical Wall | 125 in 3165 mm |
| Boom In Reach | 117 in 2960 mm |
| Maximum Blade Depth | 24 in 600 mm |
| Maximum Dig Height | 241 in 6130 mm |
| Transport Height | 95 in 2410 mm |
| Stick Length | 78 in 1980 mm |
| Ground Clearance | 12 in 306 mm |
| Swing Bearing - Height | 27 in 672 mm |
| Width over Upper House | 77 in 1950 mm |
| O/A Undercarriage Length | 102 in 2580 mm |
| O/A Shipping Length | 234 in 5950 mm |
| Cab Height | 100 in 2545 mm |
| Maximum Reach | 263 in 6685 mm |
| Boom Swing - Left | 29 in 735 mm |
| Tail Swing without Counterweight | 53 in 1350 mm |
| Boom Swing - Right | 36 in 910 mm |

Maximum Dump Clearance

182 in 4610 mm

Maximum Reach - Ground Level

257 in 6535 mm

AIR CONDITIONING SYSTEM

Air Conditioning

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1287). The system contains 0.9 kg of refrigerant which has a CO2 equivalent of 1.287 metric tonnes. The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1287). The system contains 0.9 kg of refrigerant which has a CO2 equivalent of 1.287 metric tonnes.

306 CR STANDARD EQUIPMENT

OPERATOR ENVIRONMENT – CAB AND CANOPY

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

Hydraulic Lockout Controls

High Back, Suspension Seat
Retractable Seat Belt (75 mm/3 in)
Coat Hook
Cup Holder
Literature Holder
Mounting Bosses for Top and Front Guards
Signaling/Warning Horn
Cab and (left side) Boom Work Lights
Utility Space for Mobile Phone

Next Generation Color LCD Monitor (IP66)
Gauges

OPERATOR ENVIRONMENT – CAB ONLY

Operator Sound Pressure 72 dB(A) ISO 6396:2008
HVAC with Automatic Temperature Control
Integrated Lower Front Window
Assisted Front Window Overhead Storage
Rear Window Emergency Exit
LED Interior Light
12V Power Socket
Radio – Bluetooth®, Auxiliary, Microphone, USB (charging only)
Skylight
Jog dial interface

UNDERCARRIAGE

Greased and Lubricated Track
Hydraulic Track Adjusters
Tie Down Eyes on Track Frame
Dozer Straight Blade
Dozer Float
Bolt-on, Reversible Wear Edge
Rubber Tracks

BOOM, STICK AND LINKAGES

One Piece Boom (3055 mm/120.3 in)
Standard Stick (1580 mm/62.2 in)
Front Shovel Capable – Pin-on/Manual Coupler/Hydraulic Coupler for Cat Tools
Through Boom

1 numo ready

ELECTRICAL

12 Volt Electrical System

90 Ampere Alternator

650 CCA Maintenance Free Battery

Battery Disconnect

Circuit Breaker

Ignition Key Stop Switch

Signaling/Warning Horn

Product Link™ Basic (regulations apply)

Travel Alarm

OTHER

Locks on External Enclosure Doors

Lockable Fuel Cap

Beacon Socket

Rear Reflectors

306 CR OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT – CAB AND CANOPY

Rain Visor

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

OPERATOR ENVIRONMENT – CAB ONLY

Cab Heat Only

Air Suspension Heated Seat

UNDERCARRIAGE

Angle Blade

Extra Tool Carrier (XTC)

Steel Tracks (450 mm/17.7 in wide)

Steel Track with Rubber Pads

BOOM, STICK AND LINKAGES

Long Stick (190 mm/78 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)

Camera

Rotating Beacon

GUARDING

Heavy Duty Front Guard ISO 10262 1998 Level II

Mesh Front Guard ISO 10262 1998 Level I

Overhead Cab Guard ISO 10262 1998 Level II

Polycarbonate Front Window EN356 P5A (Cab Only)

Track Guards

OTHER

Additional Counterweight

Water Jacket Heater

Refueling Pump

