

Product Specifications For 395



Engine

Net Power - ISO 9249	404 kW
Net Power - ISO 9249 (DIN)	550 hp (metric)
Engine Model	Cat C18
Engine Power - ISO 14396	405 kW
Engine Power - ISO 14396 (DIN)	551 hp (metric)
Bore	145 mm
Stroke	183 mm
Displacement	18.1 l
Biodiesel Capability	B20 ¹
Emissions	Meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, and Japan 2014 emission standards.
Note (1)	Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator with engine speed at 1,900 rpm. Advertised power is tested per the specified standard in effect at time of manufacture.

Note (2) ¹Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to: 20% biodiesel FAME (fatty acid methyl ester)*** 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details. *While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use. ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels. *** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Weights

Operating Weight 94000 kg

Note (1) Long Variable Gauge undercarriage, GP boom, R4.4HB2 (14'5") stick, SD 5.2 m³ (6.8 yd³) bucket, 900 mm (35") double grouser shoes and counterweight with removal device.

Working Ranges And Forces

Maximum Digging Depth	9670 mm
Boom	GP 8.4m (25'7")
Stick	Reach 4.4 m (14'5")
Bucket	SD 5.2m³ (6.8 yd³)
Maximum Reach at Ground Level	14710 mm
Maximum Cutting Height	13540 mm
Maximum Loading Height	9250 mm
Minimum Loading Height	3030 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	9560 mm
Maximum Vertical Wall Digging Depth	6770 mm

Bucket Digging Force - ISO

383 kN

Stick Digging Force - ISO

305 kN

Hydraulic System

Main System - Maximum Flow - Implement

1064 L/min

Maximum Pressure - Equipment

37000 kPa

Maximum Pressure - Travel

35000 kPa

Maximum Pressure - Swing

31000 kPa

Swing Mechanism

Maximum Swing Torque

362 kN·m

Note (1)

*For CE-marked machine default value may be set lower

Service Refill Capacities

Fuel Tank Capacity

1220 l

Cooling System

71 l

Engine Oil

67 l

Swing Drive

24 l

Final Drive - Each

20 l

Hydraulic System - Including Tank

740 l

Hydraulic Tank

372 l

DEF Tank

80 l

Dimensions

Boom	GP 8.4m (25'7")
Stick	Reach 4.4 m (14'5")
Bucket	SD 5.2m ³ (6.8 yd ³)
Shipping Height - Top of Cab	3670 mm
Handrail Height	3750 mm
Shipping Length	15090 mm
Tail Swing Radius	4840 mm
Counterweight Clearance	1640 mm
Ground Clearance	830 mm
Track Length	6350 mm
Track Length to Center of Rollers	5120 mm
Track Gauge	3510 mm
Transport Width	3880 mm
Note	Track gauge undercarriage extended with 900 mm (35") shoes; transport width undercarriage retracted with 900 mm (35") shoes and no steps

Sustainability

Recyclability	98%
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Air Conditioning System

Air Conditioning

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas. If equipped with R134a (Global Warming Potential = 1859), the system contains 1.3 kg (2.9 lb) of refrigerant, which has a CO2 equivalent of 1.859 metric tonnes (2.049 tons). If equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.1 kg (2.4 lb) of refrigerant which has a CO2 equivalent of 0.001 metric tonnes (0.001 tons).

395 Standard Equipment

NOTE

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

CAB

High-resolution 254 mm (10") LCD touch screen monitor
Heated seat with air-adjustable suspension (Deluxe only)
Heated and cooled seat with auto adjustable suspension (Premium only)
Sound suppressed cab with viscous mounts
Automatic bi-level air conditioner
Jog dial and shortcut keys for monitor control
Keyless push-to-start engine control
Height-adjustable console, infinite with no tool
Tilt-up left-side console
51 mm (2") orange seat belt
Bluetooth integrated radio (including USB, aux port and microphone)
2 x 12V DC outlets
Cup and storage compartments
Openable two-piece front window (Premium optional)
Upper radial wiper with washer (Deluxe only)
Parallel wiper with washer (Premium only)
Openable polycarbonate skylight hatch (Premium optional)
LED dome light
Floor welcome light
Roller front sunscreen
Roller rear sunscreen (Deluxe optional)
Rear window emergency exit
Washable floor mat
Beacon Ready

CAT TECHNOLOGY

VisionLink™
Remote Flash
Remote Troubleshoot
Work tool recognition and tracking (PL161)
Cat Grade with 2D

Cat Assist
Cat Payload

ELECTRICAL SYSTEM

Maintenance-free 1,400 CCA batteries (x2)
Centralized electrical disconnect switch
Chassis light

ENGINE

Three selectable modes: Power, Smart, and Eco
Auto engine speed control
Up to 4500m (14,760 ft) altitude capability
52°C (126°F) high-ambient cooling capacity
-18°C (-0.4°F) cold start capability
Hydraulic reverse fan
Double element air filter with integrated pre-cleaner
3 vertical side-by-side cooling system
Remote disable
95 Amp alternator

HYDRAULIC SYSTEM

Boom and stick regeneration circuit
Electronic main control valve
Dedicated closed loop swing circuit
Anti-reaction valve
Auto hydraulic oil warmup
Auto swing parking brake
High performance hydraulic return filter
Two speed travel
Bio hydraulic oil capability

SAFETY AND SECURITY

Caterpillar One Key security system
2D E-Fence
Lockable fuel drain compartment
Lockable external tool / storage box
Lockable door, fuel, and hydraulic tank locks
Lockable disconnect switch
Service platform with anti-skid plate & recessed bolts
Full handrail mount on platform
Mirror package
Signaling/warning horn
Travel alarm
Ground-level secondary engine shutoff switch
Rearview and right-hand-sideview cameras
Walkway

SERVICE AND MAINTENANCE

Integrated vehicle health management system

Auto lube ready

Reversing cooling fan

Grouped location of engine oil & fuel filters

Scheduled Oil Sampling (S·O·S) ports

QuickEvac maintenance ready

UNDERCARRIAGE AND STRUCTURES

Long variable gauge undercarriage

Grease lubricated track

Swivel guard

HD bottom guard

HD travel motor guard

Standard counterweight

Towing eye on base frame

395 Optional Equipment

NOTE

Standard and optional equipment may vary. Consult your Cat® dealer for details.

BOOMS AND STICKS

7.25 m (23'9") Mass boom

8.4 m (27'7") GP boom

10 m (32'10") Reach boom

2.92 m (9'7") GP stick

2.92 m (9'7") Mass stick

3.4 m (11'2") Mass stick

3.4 m (11'2") GP stick

3.7 m (12'2") GP stick

4.4 m (14'5") HD Reach stick

5.5 m (18'1") HD Reach stick

Bucket linkage, HB2 type without lifting eye, Autolube ready

Bucket linkage, HB2 type without lifting eye, Autolube ready

Bucket linkage, JC type with lifting eye, Autolube ready

Bucket linkage, JC type without lifting eye, Autolube ready

CAB

Operator Protective Guards (OPG)

Additional high-resolution LCD touch screen monitor for Cat® Grade Advanced 2D and 3D

Cat® Stick Steer

Auxiliary relay

CAT TECHNOLOGY

Operator Coaching
Cat Grade with 2D with Attachment Ready Option (ARO)
Cat Grade with 3D (single or dual GNSS)
Cat Grade 3D Ready
Cat Grade Connectivity
Cat Advanced Payload
Cat Tiltrotator (TRS) integration

ELECTRICAL SYSTEM

LED boom and cab lights
1,800 lumen LED premium surround lights

ENGINE

Cold start block heaters
-32°C (-25°F) cold start capability

HYDRAULIC SYSTEM

SmartBoom™
Advanced tool control
Medium-pressure auxiliary circuit
Quick coupler circuit
Hydraulic efficiency monitoring

SAFETY AND SECURITY

Swing alarm
360° visibility
Boom lowering check valve
Stick lowering check valve
Tilt-up walkway
Inspection lighting
Cat Command (remote control)

SERVICE AND MAINTENANCE

Fast-fill fuel system
QuickEvac maintenance ready
Electric refueling pump with auto shutoff

UNDERCARRIAGE AND STRUCTURES

650mm (26") HD double grouser track shoes
750mm (30") HD double grouser track shoes
900mm (35") HD double grouser track shoes
Three-piece segmented track guiding guards
Two-piece segmented track guiding guards

Counterweight with removal device

OTHER OPTIONAL CONFIGURATION

Long Reach (LRE)