

CATERPILLAR INTRODUCES FOUR NEW C-SERIES SKID STEER LOADERS WITH BIG MACHINE PERFORMANCE AND ADVANCED MACHINE CONTROL



Four new Caterpillar® C-Series skid steer loaders—246C, 256C, 262C, 272C—deliver industry-leading performance in their size classes. The new skid steers also set new standards in machine control with features such as electro-hydraulic joystick control of the hydrostatic drive system and electronic torque management for smooth operation and high productivity. Operator comfort, too, reaches new levels with features such as an optional sealed and pressurized cab and an optional air suspension seat. Additional options, such as High Flow XPS hydraulics on each of the models, expand versatility and enable customers to equip C-Series machines specifically for the types of work they do.

The C-Series machines extend the Caterpillar line. With a rated operating capacity of 3,250 pounds (1474 kg), the 272C is the largest capacity skid steer loader Caterpillar has produced. The vertical lift 272C is joined by the smaller 262C, which has an operating capacity of 2,700 pounds (1225 kg) and also features vertical lift for enhanced truck loading capabilities. The 246C and 256C are radial lift machines with rated operating capacities of 2,150 pounds (975 kg) and 2,350 pounds (1066 kg), respectively.

Power for Performance

C-Series machines deliver greater lift and tilt forces when compared to equivalent B-Series models. Hydraulic cylinders are strategically placed to maximize lifting capability. The result is aggressive digging performance and solid lifting performance for superior productivity in all types of tasks.

The Cat® 3044C DIT engine powers high performance in all four models. The 3.3-liter engine is turbocharged for a wide power range. At 90 net horsepower (67 kW), the 272C is the most powerful skid steer Caterpillar has ever offered. Both the 262C and 256C deliver 82 net horsepower (61 kW), and the 246C generates 73 net horsepower (54 kW).

The Caterpillar high-flow, high-pressure hydraulic system, High Flow XPS, is available on all C-Series skid steers. The option enables customers to equip any size C-Series machine for use with work tools requiring high flow and pressure, such as landscape rakes and cold planers. The High Flow XPS system uses a load sensing variable displacement pump to deliver a maximum of 33 gallons per minute (125 L/min) flow and a maximum of 4,061 psi (28 000 kPa) pressure.

Controlling the Power

The electronic torque management system maximizes power to the ground and prevents the engine from stalling in tough digging and dozing applications for maximum productivity. The system allows for part throttle operation, which provides smooth machine operation and reduces fuel consumption. The system enables the operator to focus on the work rather than on managing the machine.

C-Series machines also feature increased drawbar pull compared to the B-Series. The hydrostatic drive system is engineered to provide the proper balance between power and speed for optimum machine performance when digging or dozing.

An optional performance package includes a speed sensitive ride control system and a two-speed travel system. Ride control cushions the load being carried for a smoother ride on uneven surfaces. The system allows higher speed operation and ensures better load retention for increased productivity and improved operator comfort. The two-speed travel system provides a top speed of 11.9 mph (19.3 kph) in the three smaller loaders and a top speed of 10.0 mph (16.1 kph) in the 272C. Faster travel is especially useful when moving around large job sites.

The optional Advanced Machine Information and Control System (AMICS) provides the operator the ability to select the level of implement responsiveness for more precise control in demanding and delicate tasks. AMICS also enables the operator to select from 10 work speed settings. This feature is useful in operations such as trenching and cold planing, which require precise control at relatively slow and constant speeds.

Productivity Enhancing Operator Station

The C-Series cab is an industry-first sealed and pressurized unit that provides a cleaner and quieter working environment. Ventilation air is filtered to keep dust out and clean air in. The cab is wide and spacious, and the uncluttered floor provides more leg room. Optional high-efficiency air conditioning and heating provide greater comfort when operating in extreme temperatures.

The C-Series machines are designed for easy entry and exit. The large doorway and low threshold create a large opening, and the tilt cylinders, now located under the lift arms, do not interfere with access.

The C-Series offers an optional air ride seat, similar to seats used in large Cat machines. The air suspension seat is an industry first in skid steer loaders, and it offers an unparalleled level of comfort in these machines.

Seat-mounted, independently adjustable joystick controls allow a wide range of positions to suit the operator and maximize comfort and productivity. The C-Series hydrostatic drive control system is electro-hydraulic, which provides a feedback system for enhanced machine control and performance. The system adjusts to deliver straight line tracking through the entire speed range.

The C-Series design features outstanding lines of sight from the operator's position. The wide, curved-glass cab opening and large frameless door provide excellent visibility forward. The new lift arm configuration provides good lines of sight to the tires, and the large canopy window increases upward visibility to aid truck loading and material handling tasks. The angled radiator design, large rear window and standard convex rear view mirror give the operator a panoramic view to the rear.

For more information about the Caterpillar C-Series skid steer loaders, customers should contact their local Caterpillar dealer.

Basic Specifications for C-Series Skid Steer Loaders

	<u>246C</u>	<u>256C</u>	<u>262C</u>	<u>272C</u>
Rated op. capacity	2,150 lb (975 kg)	2,350 lb (1066 kg)	2,700 lb (1225 kg)	3250 lb (1474 kg)
Operating weight	7,381 lb (3348 kg)	7,566 lb (3432 kg)	7,968 lb (3614 kg)	8,292 lb (3761 kg)
Engine model	3044C DIT	3044C DIT	3044C DIT	3044C DIT
Net engine power	73 hp (54 kW)	82 hp (61 kW)	82 hp (61 kW)	90 hp (67 kW)
Hydraulic power: Standard	22 gpm (84 L/min) 3,335 psi (23 000 kPa)	22 gpm (84 L/min) 3,335 psi (23 000 kPa)	22 gpm (84 L/min) 3,335 psi (23 000 kPa)	22 gpm (84 L/min) 3,335 psi (23 000 kPa)
High Flow XPS	33 gpm (125 L/min) 4,061 psi (28 000 kPa)	33 gpm (125 L/min) 4,061 psi (28 000 kPa)	33 gpm (125 L/min) 4,061 psi (28 000 kPa)	33 gpm (125 L/min) 4,061 psi (28 000 kPa)
Linkage type	Radial	Radial	Vertical	Vertical
Pin height at max. lift	122.9 in. (3122 mm)	122.9 in. (3122 mm)	127 in. (3233 mm)	129 in. (3279 mm)
Travel speed: One speed	7.7 mph (12.5 kph)	7.7 mph (12.5 kph)	7.7 mph (12.5 kph)	7.2 mph (11.6 kph)
Two-speed option	11.9 mph (19.3 kph)	11.9 mph (19.3 kph)	11.9 mph (19.3 kph)	10.0 mph (16.1 kph)
Machine width	66 in. (1676 mm)	66 in. (1676 mm)	66 in. (1676 mm)	66 in. (1676 mm)

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