

CASE Announces New C Series Motor Graders

New motor graders provide feature-driven solutions for municipalities and small-to-mid-size site prep contractors.

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CASE Construction Equipment introduces the all-new C Series motor graders. Two new models deliver a wide offering of new weights, horsepower ratings and feature-driven grading solutions for municipalities, as well as small-to-mid-size site prep, road-maintenance and general construction businesses. These new motor grader models feature a variety of standard features designed to maximize productivity and performance. Available in both standard and All Wheel Drive (AWD) configurations, the 836C and 856C achieve Tier 4 Final compliance with Selective Catalytic Reduction (SCR) engine technology that increases fuel efficiency, keeps exhaust temperatures down and eliminates the need for regeneration.

The new models include:

- **836C:** (138-156 Horsepower; Operating weight: 24,466-pounds)
- **836C AWD:** (138-156 Horsepower; Operating weight: 27,128-pounds)
- **856C:** (173-190 Horsepower; Operating weight: 33,966-pounds)
- **856C AWD:** (173-190 Horsepower; Operating weight: 34,848-pounds)

Precision Performance

The 836C and 856C motor graders include several innovative features that help simplify operation and allow operators to focus on precision and jobsite safety. An Ergopower transmission and torque converter provide smooth automatic shifting, and a 100 percent automatic differential lock combined with automatic no-spin power splitting instantly transfers torque from a slipping tire to one with more traction without any operator intervention.

The AWD models feature a “Creep Mode” that engages just the front wheels at the push of a button, allowing the machine to move at extremely slow speeds for finish grading and applications with exceptionally tight tolerances.

Advanced Hydraulics

The 836C and 856C motor graders feature one of the most intelligent high-precision load-sensing hydraulic circuits available on the market. A direct-activated axial piston pump delivers only the required amount of hydraulic pressure where it is needed. The control valves provide pressure compensation, allowing the moldboard to be lifted or lowered in parallel, when both at full stroke, preventing unintended slope loss due to hydraulic flow/pressure differences from side to side. A high-flow floor switch allows the operator to obtain maximum output from the hydraulic circuit at any time during operation.

Direct-mounted hydraulic controls increase lever rigidity and reduce play in the system, giving the operator positive feedback and better control from the hydraulic system during precision applications.

Innovative Design

An exclusive A-frame drawbar provides superior stability due to its heavy-duty boxed frame design. The roller-mounted encapsulated circle is activated by internal gearing, which minimizes wear and increases



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the lifetime of its components.

CASE C Series motor graders feature a high-carbon steel moldboard, and new moldboard mount and slide system, with minimized opportunity for play and fewer grease points. The moldboard is designed to pitch, tilt and move laterally, and can be expanded with available horizontal and bilateral extensions which further expand material retention capability for super fine grading applications with optional precision machine control. A hydraulically controlled five-position saddle allows operation at over 90 degrees.

Machine Control and Other Options

The C Series motor graders are available machine control-ready from the factory for all major suppliers of machine control technology, including CASE precision partner Leica Geosystems, as well as Topcon and Trimble. This allows the 836C and 856C to be deployed, straight from the dealer, into any fleet-wide precision or machine control solution an owner/operator/contractor may deploy on their worksites.

Additional options include heavy-duty tires, a dozer front blade and rear ripper, and an automatic lubrication system for simplified maintenance. A heavy-duty circle drive motor and moldboard float actuation are also available from the factory.

Operator Comfort

A low-profile rear-mounted cab with wide tinted floor-to-ceiling windows and external mirrors offers superior visibility of the moldboard and surrounding area. The cab also features a standard heated air-ride seat and smooth, ergonomic controls. An available rear-view camera with 7-inch LCD monitor, as well as an advanced lighting package further improves safety and jobsite visibility.

Easy Maintenance

CASE C Series motor graders are designed for groundline and tandem catwalk serviceability. All maintenance checkpoints are located at ground or fender level—making service and daily maintenance as straightforward as possible.

All C Series motor graders also come standard with CASE ProCare, which allows C Series owners to fully plan for and understand total operating costs of the machine for the first three years of ownership. ProCare is a suite of product assurances that includes a three-year Advanced CASE SiteWatch™ telematics subscription, a three-year/3,000-hour full-machine factory warranty, and a three-year/3,000-hour planned maintenance contract.

For more information on the all-new C Series motor graders, please [visit CaseCE.com](http://www.CaseCE.com).

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CASE Construction Equipment sells and supports a full line of construction equipment around the world, including the No. 1 backhoe loaders, excavators, motor graders, wheel loaders, vibratory compaction rollers, crawler dozers, skid steers, compact track loaders and rough-terrain forklifts. Through CASE dealers, customers have access to a true professional partner with world-class equipment and aftermarket support, industry-leading warranties and flexible financing. More information is available at www.CaseCE.com.



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