

CASE
CONSTRUCTION

SINCE 1842

C SERIES
MOTOR GRADERS



836C | 836C AWD | 856C | 856C AWD

A GRADE ABOVE

CASE C Series motor graders are built for the unique demands and high precision of heavy grading work.

The proof is in the design:

- + Greater visibility and easier operation made possible by front articulation and rear-mounted cab
- + Intelligent high-precision, load-sensing hydraulics
- + Large and spacious operator cab
- + Machine control ready for all major solutions providers
- + Premium sealed and lubricated circle
- + All-wheel-drive models available with Creep Mode
- + Protected by CASE ProCare



836C



836C AWD



856C



856C AWD





POWERING THE GRADE



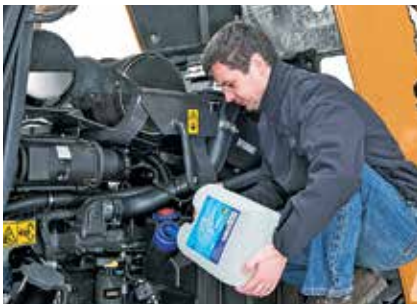
INTUITIVE EMISSIONS

Emissions requirements are met through an innovative combination of FPT catalyst and filter solutions, and an all-new Automatic Catalyst Management (ACM) system that requires no operator input and will not affect vehicle performance — all emissions management actions take place in the background.



ALL-SPEEDS EXCELLENCE

The engine is designed specifically for motor graders, including fast torque response for greater productivity and variable horsepower that maximizes operation at higher speeds thanks to power curve flattening from 4th gear.



EASY SERVICE

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 easy.



CREEP MODE PRECISION

All-wheel-drive 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. It also reduces tire scuffing in tight turns and finish grading operations.





EXCLUSIVELY SMOOTH. UNIVERSALLY TRUSTED.



THE EASY SHIFT

Automatic shifting matched with a powerful torque converter eases operation and optimizes machine performance, letting the engine work on the most productive area of the power curve while never reaching power unit stall. And the automatic no-spin differential lock instantly transfers the torque from the slipping tire to the wheel with better grip. This system doesn't require any intervention and allows the operator to focus on blade movement and control.



ALL THE STRENGTH WITHOUT THE FRICTION

The CASE moldboard and circle design maximizes control with very low friction developed during operation, and delivers jolt-free high-rotation torque for smooth and accurate blade rotation and steadiness. Innovative slewing ring mounting avoids backlash and wear while supporting high mechanical strain. And the tooth and gear circle (no shims) improves performance and minimizes maintenance.



HIGH PERFORMANCE. LOW STRESS.

An exclusive A-frame drawbar provides superior stability due to its heavy-duty boxed frame design — reducing lateral stress and extending operating life. The saddle can be hydraulically set to five different positions, and the exclusive gooseneck geometry enables the operator to rotate the moldboard over 90 degrees for each working side without any mechanical interference.

STRENGTH AND INTELLIGENCE





THE FINEST GRADE

CASE motor graders with machine control allow operators to get to grade faster, achieve greater quality, improve productivity, reduce rework, and ultimately get the job done faster with less wear and tear on the equipment. CASE graders are machine control ready for work with all major suppliers of machine control technology, including CASE SiteControl solutions powered by Leica Geosystems.

This includes:

- 2D Grader Systems
- 3D Grader Systems with Optional Side Shift Technology
- 3D Grader System with Dual GNSS Motor Grader Solution



REAL DATA. REAL ACTION.

CASE SiteWatch telematics empowers equipment owners/operators to make important decisions about their equipment and business based on current data. CASE SiteWatch has been enhanced with an all-new dashboard, more intuitive navigation and new overview sections that spotlight critical information without requiring the user to search extensively for the data.



INTELLIGENT POWER AND EFFICIENCY

CASE motor graders feature intelligent high-precision load-sensing hydraulics with a direct-activated axial piston pump that delivers only as much hydraulic pressure as needed. This drives efficiency, long-term reliability, and makes operation easy and smooth.

The machine's hydraulic control valves provide pressure compensation that allows the moldboard to be lifted or lowered in parallel, when both at full stroke, which prevents 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.



EASIER TO OPERATE

Direct-mounted hydraulic controls increase lever rigidity and reduce play in the system, giving the operator positive feedback and better control. And the optional float function flows oil unobstructed in the cylinders to let the moldboard naturally follow the ground contour.



COMFORT IS KING

CASE C Series motor graders are built to deliver extreme advantages in comfort and convenience.

- + The rear-mounted cab with front articulation improves visibility to the moldboard
- + Operators are aware of the articulation angle at all times, simplifying operation and reducing fatigue
- + Heated air-ride seats come standard, providing a smooth and comfortable ride
- + Wide, tinted-glass windows provide unobstructed all-around visibility
- + Optional rearview camera provides greater rear visibility for jobsite awareness and reduced operator fatigue
- + Advanced lighting packages improve jobsite awareness and nighttime operation



TOOLS FOR EVERY TASK

CASE C Series graders are available with a variety of options and accessories that further expand capabilities and performance.

- + **Three customizable moldboard widths for each model to easily adapt the pushing power to different material density and working conditions**
- + **A two-foot moldboard extension (shown) and bi-lateral moldboard extension are available for better material retention and fine grading**
- + **Moldboard overload clutch to preserve frame and moldboard from any unexpected collision, recommended in forestry applications**
- + **Moldboard scarifier for easier light soil preparation in a single pass**
- + **Five-tooth ripper to better scarify sturdier soil roots**
- + **Front blade for faster dozing operations and for improved productivity in combination with the central blade**
- + **Front counterweight provides better machine balance and higher tractive effort**
- + **Fuel tank refill pump allows for easier refilling in any working environment**
- + **Additional application-specific lighting packages**



MOLDBOARD EXTENSIONS



RIPPER



**STANDARD FENDERS
FRONT AND REAR**



FRONT DOZER BLADE

Protected by
ProCare

FACTORY WARRANTY
PLANNED MAINTENANCE
TELEMATICS



3-yr/3000-hr
Full-Machine Factory
Limited Warranty*
STANDARD



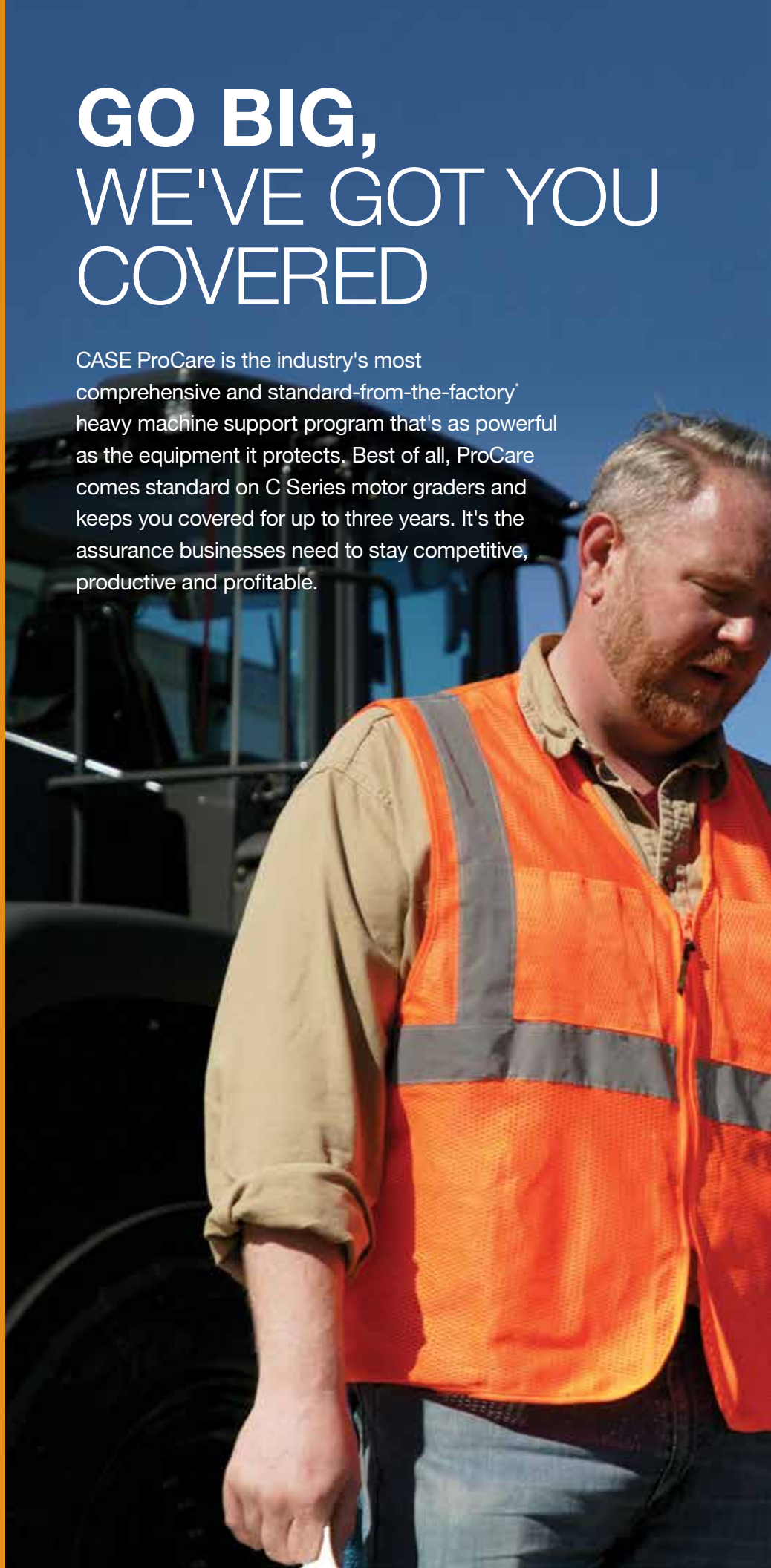
3-yr/2000-hr
Planned Maintenance
STANDARD



3-yr
SiteWatch™ Subscription
STANDARD

GO BIG, WE'VE GOT YOU COVERED

CASE ProCare is the industry's most comprehensive and standard-from-the-factory heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard on C Series motor graders and keeps you covered for up to three years. It's the assurance businesses need to stay competitive, productive and profitable.





SUPPORT COMES STANDARD



STRONGER PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows how you can best maximize your equipment investment and uptime — with genuine CASE parts, expert service and a complete range of product support solutions including CASE remanufactured and all-makes parts. CASE supports better parts availability and faster deliveries through nine parts distribution centers in North America and a forecasting system to ensure that the right parts will be there when you need them. And only CASE dealers have exclusive access to the Electronic Service Tool (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



FLEXIBLE FINANCIAL OPTIONS

Specialized finance programs and flexible leasing packages are available for industry-leading CASE equipment while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE, we offer strong products and services designed around your unique service needs.

*See your dealer for the complete terms of CNH Industrial's Warranty and Limitations of Liability, which contains certain limits and exclusions. ProCare is a factory-fit program available on new heavy machine orders.



DIMENSIONS

AND SPECIFICATIONS

SPECIFICATIONS	836C	836C AWD	856C	856C AWD
Engine	F4HFE6133*B003 NEF 6 cyl. CR TAA 4V	F4HFE6133*B003 NEF 6 cyl. CR TAA 4V	F4HFE613Y*B005 NEF 6 cyl. CR TAA 4V	F4HFE613Y*B005 NEF 6 cyl. CR TAA 4V
Net Horsepower @ 2200 RPM – hp (kW)	137/154 (102/115)	137/154 (102/115)	173/192 (129/142)	173/192 (129/142)
Emissions Certification Solutions	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Engine Displacement – in³ (L)	409 (6.7)	409 (6.7)	409 (6.7)	409 (6.7)
Operating Weight – lb (kg)	26,466 (12 005)	27,128 (12 305)	33,966 (15 407)	34,848 (15 807)
Blade Pressure – lb (kg)	10,736 (4 870)	11,003 (4 991)	16,720 (7 519)	17,006 (7 714)
Maximum Forward Travel Speed – mph (kph)	24.8 (39.9)	24.8 (39.9)	23.6 (38)	23.6 (38)
Maximum Torque @ 1400 RPM – ft-lb (N·m)	535 (725)	535 (725)	627 (850)	627 (850)
FWD/REV Gears	6/3	6/3	6/3	6/3
Total Flow – gpm (L/min)	25 (94.5)	25 (94.5)	33.2 (126)	33.2 (126)
DIMENSIONS	836C	836C AWD	856C	856C AWD
Moldboard Length	11 ft 0 in (3 355 mm)	11 ft 0 in (3 355 mm)	12 ft 0 in (3 658 mm)	12 ft 0 in (3 658 mm)
Moldboard Height	20.7 in (526 mm)	20.7 in (526 mm)	23.7 in (603 mm)	23.7 in (603 mm)
Moldboard Thickness	0.59 in (15 mm)	0.59 in (15 mm)	0.787 in (20 mm)	0.787 in (20 mm)
Distance Between Outside Edges of Tires	7 ft 8 in (2 326 mm)	7 ft 7 in (2 303 mm)	8 ft 4 in (2 549 mm)	8 ft 4 in (2 549 mm)
Wheel Tread	6 ft 4 in (1 923 mm)	6 ft 3 in (1 900 mm)	6 ft 11 in (2 094 mm)	6 ft 11 in (2 094 mm)
Height to Top of Low-Profile Cab	10 ft 1 in (3 060 mm)	10 ft 1 in (3 060 mm)	10 ft 4 in (3 150 mm)	10 ft 4 in (3 150 mm)
Tire Radius – When Static	1 ft 7 in (487 mm)	1 ft 7 in (487 mm)	1 ft 11 in (584 mm)	1 ft 11 in (584 mm)
Blade Base	6 ft 6 in (1 981 mm)	6 ft 6 in (1 981 mm)	8 ft 3 in (2 504 mm)	8 ft 3 in (2 504 mm)
Distance Between Tandem Axles	4 ft 1 in (1 241 mm)	4 ft 1 in (1 241 mm)	5 ft 2 in (1 573 mm)	5 ft 2 in (1 573 mm)
Distance Between Tandem Center and Wheel	2 ft 0 in (621 mm)	2 ft 0 in (621 mm)	2 ft 7 in (787 mm)	2 ft 7 in (787 mm)
Wheelbase	17 ft 7 in (5 351 mm)	17 ft 7 in (5 351 mm)	20 ft 3 in (6 023 mm)	20 ft 3 in (6 023 mm)
Overall Length – Without Ripper or Front Attachment	27 ft 4 in (8 372 mm)	27 ft 4 in (8 372 mm)	30 ft 3 in (9 371 mm)	30 ft 3 in (9 371 mm)
Turning Radius	21 ft 8 in (6 600 mm)	22 ft 4 in (6 800 mm)	23 ft 11 in (7 300 mm)	23 ft 11 in (7 300 mm)



BUILDING A STRONG CASE.

Since 1842, we at CASE Construction Equipment have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development. This focus has led to numerous innovations like Ride Control™, electro-hydraulic controls, Blade Shake, PowerLift™, over-center boom design and the peace of mind that only CASE ProCare provides.

Every CASE machine is backed by more than 300 North American dealer locations, thousands of OEM, remanufactured and all-makes parts, and flexible financing and insurance options that provide the kind of reliable, steadfast support you expect from a professional partner.

We are passionate about improving the lives of others, whether investing in our veterans or raising awareness about local infrastructure initiatives through Dire States. Our goal is to build both stronger machines — and stronger communities.

At the end of the day, we do what's right by our customers and our communities so that they can count on CASE.

CaseCE.com/MG

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IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment is biodiesel-friendly.

NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.