



B SERIES

MOTOR GRADERS

845B | 865B | 865B AWD | 885B | 885B AWD



A MARVEL OF POWER AND PRECISION.

From a unique moldboard design that rolls a superior mix to a fuel-efficient, turbocharged Tier 3 engine that achieves operating speeds of up to 27 mph to a spacious, rear-mounted cab that gives operators exceptional visibility of the working part of the machine, CASE B Series graders are engineered to deliver a level of productivity others can't match and comfort operators can't deny.



★ Unique Multi-Radius Involute Moldboard

★ Exclusive Front Articulation

★ Externally Driven Circle Teeth

★ All-Wheel Drive with Creep Mode



★ Spacious Cab

★ Protected
by ProCare

Models Available



A GREATER GRADER.



ONE-OF-A-KIND MOLDBOARD DESIGN

A consistent aggregate mix is critical to surface quality and pothole prevention. Made from high-carbon steel, the CASE reinforced, multi-radius, involuted moldboard design cuts, mixes and rolls material in an effortless wave that results in a finer mix. Its efficiency requires less horsepower too, saving you fuel. Our moldboard can also pitch, tilt and move laterally to match site demands, and can expand up to 16 feet with optional extensions.



THE ALL-WHEEL DRIVE ADVANTAGE

All-wheel drive (AWD) models deliver incredible responsiveness, improved steering and greater draft control in tricky underfoot conditions such as mud, sand, snow and banks – crucial for faster snow removal and greater performance in ditching or heavy blading applications.

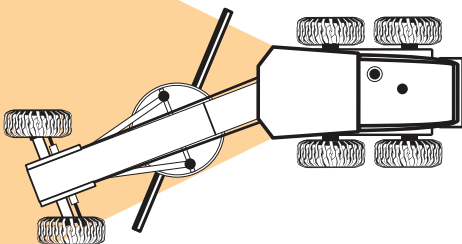
STABILITY STARTS WITH AN A-FRAME

A stout A-frame drawbar offers outstanding stability, thanks to the heavy-duty boxed frame design. Its wide stance supports the industry's largest circle, which is engineered for greater efficiency, requiring less power when turning the circle. Together, their high-strength design provides maximum durability and component life.



SMART, EXTERNALLY DRIVEN CIRCLE TEETH

Unlike others, CASE motor graders are designed with external circle teeth. This self-cleaning, large tooth design provides more contact area to deliver greater leverage when turning the blade under load. And should you hit an obstacle with the blade, the CASE circle pulls away from the drive gear instead of towards it, which can bind it. So there's no need for slip clutches or shear pins.



ARTICULATION SETS CASE APART

Cul-de-sacs just got a lot easier. With our industry-exclusive front articulation design, CASE motor graders offer a tight 23' 9" turning radius for quick and accurate machine positioning. With front articulation, the operator maintains the center position while the gooseneck is articulated, allowing for greater visibility to the moldboard, circle, saddle and tires.





INNER STRENGTHS.

SEE THE CIRCLE, SADDLE, MOLDBOARD AND MORE

The rear-mounted cab of B Series motor graders, combined with floor-to-ceiling windows and heavy-duty breakaway side mirrors, gives operators superior vision of the moldboard, circle, saddle and tires. Even rearward, the sleek, sloping hood and rear defroster provide excellent visibility when reversing.



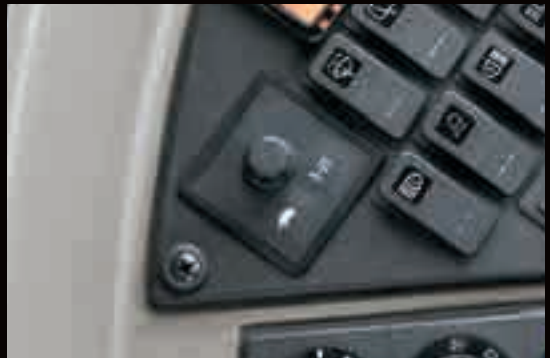
MASSIVE CAB. MASSIVE COMFORT.

At more than 76 inches tall, the B Series motor graders boast a spacious cab, giving operators plenty of room to stand, move, see and work. The ROPS/FOPS-certified Iso-mount cab also helps minimize noise and vibration for a quiet, comfortable ride. Coupled with the optional deluxe suspension seat with lumbar control, you'll feel less fatigued and more productive throughout the day.



CREEP MODE: PUSH-BUTTON PRECISION

Activated with the push of a button, "Creep Mode" makes it so that only the front wheels are engaged, allowing the machine to move at extremely slow speeds – around 1 mph – for finish grading and where tolerances are critical.



SHOCK-ABSORBING CIRCLE SAVERS

Optional anti-shock accumulators protect circle components by allowing the moldboard to move over obstructions and then return to its original position – no adjustment or operator intervention necessary.



MAINTENANCE MADE EASY.

SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. CASE B Series motor graders are no exception. From a one-piece, flip-up hood and a reversible fan option that blows out cooler debris to ground-level site gauges and service points, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.



EASY ACCESS TO EVERYTHING

- | | | |
|--------------------------|-------------------------|--------------------|
| 1. Engine air filter | 4. Hydraulic test ports | 7. Site gauges |
| 2. Fuel fill | 5. Grease zerks | 8. Flip-up hood |
| 3. External circle teeth | 6. Swing-out batteries | 9. Oil drain hoses |

SEE A 360° VIEW



CaseCE.com/360



NO TOOLS NEEDED

The B Series motor grader continues the CASE hallmark of simple serviceability with features like tool-free access to routine maintenance points.





ProCare

GO BIG. WE'VE GOT YOU COVERED.

CASE ProCare is the first all-in-one heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard on B Series motor graders and keeps you covered for up to three full years. It's the assurance growing businesses need to stay competitive, productive and profitable.

Breakdown Assistance

Standard on all CASE equipment.

3K



**3-year/3000-hr.
Full-Machine
Factory Limited
Warranty***

We've got your back —
for up to three full years!

**3-year/3000-hr.
Planned
Maintenance**

Don't spend a dime for
CASE-certified scheduled
care – fluids, filters and
labor included.

**3-year Advanced
SiteWatch™
Subscription**

Telematics isn't a
luxury; it's a necessity
— and we've made it
accessible to all.



**PARTS
& SERVICE**

STRONGER PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows best how you can 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 that quickly pinpoints machine issues to help maximize uptime.

*See CNH Warranty and Limitation of Liability for complete terms and limits of warranty.
ProCare is a factory-fit program available on select 2013 and later machines.



ATTACHED TO STRENGTH.

CASE offers a variety of grader attachments, including:

- Front counterweight
- Ripper
- Scarifier
- Front push plate
light 1,084 lbs. - heavy 1,764 lbs.
- Front dozer blade
- Rear pull hook
- Additional lighting packages
- Lift cylinder accumulators
- Float control
- Moldboard extensions



FRONT COUNTERWEIGHT



RIPPER



SCARIFIER



FRONT PUSH PLATE



FRONT DOZER BLADE

THE B SERIES MOTOR GRADERS



| SPECIFICATIONS | 845B | 865B | 865B AWD | 885B | 885B AWD |
|--|----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| Engine | FPT F4HE9687W | FPT F4HE9687C | FPT F4HE9687C | FPT F4HE9687K | FPT F4HE9687K |
| Gross hp (kW) @2200 RPM | 150/173 (112/129) | 193/205/220 (144/153/164) | 193/205/220 (144/153/164) | 220/234 (164/175) | 220/234 (164/175) |
| Emissions rating | Tier 3 Certified | Tier 3 Certified | Tier 3 Certified | Tier 3 Certified | Tier 3 Certified |
| Engine displacement – in. ³ (L) | 409 (6.7) | 409 (6.7) | 409 (6.7) | 409 (6.7) | 409 (6.7) |
| Operating weight – lb. (kg) | 31,812 (14 430) | 33,797 (15 330) | 35,274 (16 000) | 39,771 (18 040) | 42,198 (18 124) |
| Blade pressure – lb. (kg) | 16,535 (7 500) | 18,519 (8 400) | 19,048 (8 640) | 21,473 (9 740) | 22,267 (10 100) |
| Maximum forward speed – mph (km/h) | 27.3 (43.9) | 27.8 (44.8) | 27.8 (44.8) | 27.8 (44.8) | 27.8 (44.8) |
| Peak torque – lbs.-ft (N-m) | 486/560 (659/758) | 612/649/686 (830/880/930) | 612/649/686 (830/880/930) | 682/726 (924/984) | 682/726 (924/984) |
| FWD/REV gears | 8/4 | 8/4 | 8/4 | 8/4 | 8/4 |
| Total flow – gpm (L/min) | 49 (186) | 49 (186) | 49 (186) | 49 (186) | 49 (186) |
| DIMENSIONS | | | | | |
| Moldboard length | 12 ft. 0 in. (3 658 mm) | 14 ft. 0 in. (4 267 mm) | 14 ft. 0 in. (4 267 mm) | 14 ft. 0 in. (4 267 mm) | 14 ft. 0 in. (4 267 mm) |
| Moldboard height | 22.0 in. (559 mm) | 23.6 in. (600 mm) | 23.6 in. (600 mm) | 23.6 in. (600 mm) | 23.6 in. (600 mm) |
| Moldboard thickness | 0.875 in. (22 mm) | 0.875 in. (22 mm) | 0.875 in. (22 mm) | 0.875 in. (22 mm) | 0.875 in. (22 mm) |
| Distance between outside edges of tires | 8 ft. 2 in. (2 499 mm) | 8 ft. 1 in. (2 452 mm) | 8 ft. 1 in. (2 452 mm) | 8 ft. 8 in. (2 650 mm) | 8 ft. 8 in. (2 650 mm) |
| Wheel tread | 6 ft. 11 in. (2 106 mm) | 6 ft. 11 in. (2 106 mm) | 6 ft. 11 in. (2 106 mm) | 7 ft. 2 in. (2 174 mm) | 7 ft. 2 in. (2 174 mm) |
| Height to top of low-profile cab | 10 ft. 4 in. (3 150 mm) | 10 ft. 4 in. (3 150 mm) | 10 ft. 4 in. (3 150 mm) | 10 ft. 4 in. (3 150 mm) | 10 ft. 4 in. (3 150 mm) |
| Tire radius – when static | 2 ft. 0 in. (610 mm) | 2 ft. 0 in. (610 mm) | 2 ft. 0 in. (610 mm) | 2 ft. 0 in. (610 mm) | 2 ft. 0 in. (610 mm) |
| Blade base | 8 ft. 5 in. (2 562 mm) | 8 ft. 5 in. (2 562 mm) | 8 ft. 5 in. (2 562 mm) | 8 ft. 5 in. (2 562 mm) | 8 ft. 5 in. (2 562 mm) |
| Distance between tandem axles | 5 ft. 2 in. (1 572 mm) | 5 ft. 3 in. (1 594 mm) | 5 ft. 3 in. (1 594 mm) | 5 ft. 4 in. (1 624 mm) | 5 ft. 4 in. (1 624 mm) |
| Distance between tandem center and wheel | 2 ft. 7 in. (786 mm) | 2 ft. 7 in. (797 mm) | 2 ft. 7 in. (797 mm) | 2 ft. 8 in. (812 mm) | 2 ft. 8 in. (812 mm) |
| Wheelbase | 20 ft. 5 in. (6 219 mm) | 20 ft. 5 in. (6 219 mm) | 20 ft. 5 in. (6 219 mm) | 20 ft. 5 in. (6 219 mm) | 20 ft. 5 in. (6 219 mm) |
| Overall length – without ripper or front attachment | 28 ft. 0 in. (8 534 mm) | 28 ft. 0 in. (8 534 mm) | 28 ft. 0 in. (8 534 mm) | 28 ft. 0 in. (8 534 mm) | 28 ft. 0 in. (8 534 mm) |
| Turning radius | 23 ft. 9 in. (7 250 mm) | 23 ft. 9 in. (7 250 mm) | 23 ft. 9 in. (7 250 mm) | 23 ft. 11 in. (7 289 mm) | 23 ft. 11 in. (7 289 mm) |



BUILDING A STRONG CASE

Already in high gear with the arrival of founder J.I. Case's portable steam engine in 1869, we found ourselves at the heart of the road construction boom of the early 1900s. The path was set. Today, CASE is a game changer in construction equipment, financing, parts and service.

Revolutionary is nothing new to CASE, as innovations like the integrated backhoe loader (1957), Ride Control™, over-center boom design and ProCare have shown. It's this ingenuity and spirit that fuels our ongoing pursuit of building industry-leading performance and productivity into every machine throughout our full line of light to heavy equipment.

All of this is backed by a portfolio of more than 10,000 OEM, REMAN and Gold Value parts, more than 350 North American dealer locations, and unmatched financial and insurance services that ensure the best support is always within reach. When all is said and done, our strength is only as solid as the machines we engineer, the support and service we give, and most importantly, the vote of confidence CASE customers have with every bit of it.



Specialized finance programs and flexible leasing packages put you in the driver's seat of 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 needs and are the only ones supported by the helpful service professionals at your CASE dealer.

To learn more about CASE or for attentive customer service, visit your nearest dealer, call 1-866-54-CASE6 or visit us online at CaseCE.com.





CaseCE.com



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Replaces Form No. CCE201401MG



**SAFETY™
NEVER HURTS**

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

NOTE: All engines meet current EPA emissions regulations.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Contains 10%
post-consumer fiber

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.