



COMPACT
MOTOR GRADERS



FOR IMMEDIATE RELEASE
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CLARK ANNOUNCES THE RELEASE OF THE NEW CHAMPION C86C MOTOR GRADER

**THE NEW C86C MOTOR GRADER BUILDS UPON THE EXISTING
CHAMPION
MOTOR-GRADER LOADER LINE, WHICH ALSO INCLUDES MODELS
C60 THROUGH TO C86C.**



The C86C is the largest compact motor grader in the Champion product line. An Articulated Frame, true All-Wheel-Drive configuration sets this model above the rest, along with its superior Cummins turbocharged diesel engine.

What makes this champion motor grader so effective is its small size, suiting small work areas as opposed to its larger competitors, while still being able to get the same job done; only being more cost effective and more comfortable to operate. This means that it will appeal to areas such as smaller roads and tight earthmoving worksites such as rural terrain or mine shafts.

The selectable 6 wheel AWD drive system offers extreme traction on any terrain from concrete to ice, giving the C86C a wider scope of applications to meet any jobs requirements in any conditions. This system then helps this grader to offer more ability per size than any other grader on the market.

It also adds an additional 29% more blade pull to the overall amount. This system helps deliver all of the available 82kw more effectively over any surface, increasing the performance of operation and grading.

The C86C AWD operates in low range, forward and reverse speeds from 0-16 km/h. It automatically disengages when the operator presses the brake pedal or shifts the transmission to neutral. The system maintains equalized traction to both front wheels in turns and in all traction situations. The grader retains full front axle mobilities of oscillation and wheel lean.

The AWD system helps the C86C to maintain required traction in wet, boggy, icy or loose surfaces and on steep gradients or any conditions on all surfaces. Along with the Cummins Diesel engine, the Champion C86C covers ground quickly for day to day assignments.

Quick Look:

Stats:

- Engine: Cummins QSB4.5 Tier 3
- Power: (110hp) 82kw @ 2500rpm
- Torque: 489N.m. @ 1500rpm
- Displacement: 4500cc
- Configuration: Articulated Frame All Wheel Drive
- Operating Weight: 7030kg
- Turning Radius: 5791mm

Features:

- Infinitely variable ground speeds 0-32km/h
- ROPS/FOPS canopy or fully enclosed cab ROPS/FOPS
- Tight turning radius 5791mm
- Tandem Drive or All Wheel Drive
- Dual Braking system with reserve power assist



Champion also offers attachments compatible with any machine in the product line which will suit all the demands of any grader application, they are easy to fit on the grader and are just as easy to control from inside the cabin.

Such attachments are;

- "V" Scarifier
- Counter weight
- Dozer blade/Scarifier
- Windrow Eliminator
- Rippifier
- Automatic blade control
- Side dozer
- Vibratory compaction roller

Not only does the C86C offer great performance and ability against its competitors it also offers outstanding cabin comfort. With an industry leading fully air conditioned cabin the C86C offers an ideal comfortable workplace for any operator in any conditions, helping to make the job more enjoyable.

All controls are located on the fully adjustable steering pedestal. Ten low effort, direct acting hydraulic control levers are arranged in accordance with the industry standard for optimum operator convenience, visibility and comfort. Full hydraulic controls provide operation of circle turn, left and right blade lift and float control, articulation, moldboard side, moldboard tilt, leaning wheel front blade/scarifier and optional circle side shift and front/rear attachments.

