

Specifications

Motor Grader

Description	Unit	AG165
Engine Model		6BTA5.9-C170
Engine Power at Rated Speed	hp	170hp @ 2300 rpm
Weight: Total	kg	15000
On Front Wheel	kg	4500
On Rear Wheel	kg	10500
Blade Length X Arc Height	mm	3657 X 610
Maximum Inclination Angle	degree	90°
Cutting Angle	degree	36°-66°
Maximum Digging Depth	mm	500
Maximum Lifting Height	mm	480
Minimum Turning Radius	mm	7800
Gradeability	%	20
Tyre Size	-	17.5-25-16PR
Speed (Forward / Reverse)	km/h	5, 8, 11, 19, 23, 38/5, 11, 23
Front Axle		
Inclined angle	degree	± 17°
Steering angle	degree	± 45°
Swing angle	degree	± 15°
Maximum Traction Force	KN	≥ 90

1. **Engine** : CUMMINS 6 cylinders diesel engine, in-line, water cooled, direct injection, turbo charged and air-to-air after cooled. Four-stroke-cycle is designed for long, effective power strokes and more efficient fuel combustion. These high-torque engines provide excellent fuel economy and durability, adding pushing power and improving operating efficiency.

2. **Transmission** : ZF Technology Hangzhou Advance transmission provides six forward and three reverse speeds. Electro-hydraulically controlled power shift transmission makes operation easy and convenient .

3. **Operating System** : Forward/backward adjustable operation panel with HUSCO multi-way valve, provides easy operation.

4. **Axle** : MERITOR axle from well known technology of MERITOR, U.S.A. Equipped with auto-lock, NO-SPIN anti-slide differential, heavy-duty balance box, heavy-duty roller chain transmission. Large, heavy-duty axles protect internal components in harsh environment and offer excellent serviceability and maintenance.

5. **ROPS Cabin** : Well designed diamond-shape front-tilting cab, with wide-view vision, good sealing, low noise, adjustable operation panel, radio, over-head air conditioner, ash-tray and cup-seat etc. The Rollover Protective Structure (ROPS) is designed to meet ISO3471 - 1994, ISO3164 - 1995 (E) standards. The cab is designed for security and comfort.

6. **Optional Equipment** :

  - ROPS Cabin with air-conditioning
  - Front dozer blade
  - Rear ripper
  - Rear scarifier
  - Automatic leveling system



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Action Construction Equipment Ltd.

Contact:



ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.

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- CUMMINS engine for reliable performance and steady output in tough working conditions.
- ZF technology Hangzhou Advance electro-hydraulic controlled power shift gearbox guarantees flexible and convenient operation.
- No-Spin, self locking differential drive axle provides reliable and stable drive.
- Double circuit Hydraulic braking system improves safety & reliability.
- Husco Multi-direction valves ensure hydraulic system reliability.
- Heavy duty tyres with higher Ply Rating for increased life/wear resistance.

Nothing beats an

ACE



Motor Graders

High Performance and rugged

Motor Graders

