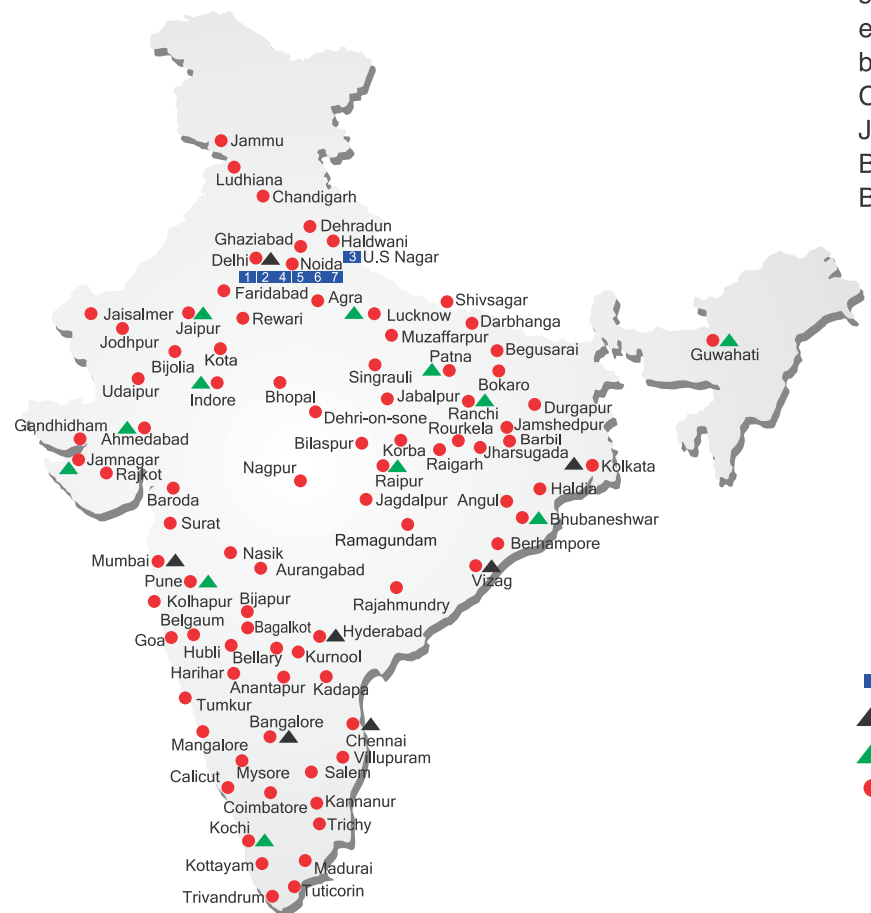


ACE

ACE

ALL INDIA NETWORK



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ACE has all India Sales and Service network operating out of all the major cities. These outlets are fully equipped to provide genuine spare parts and services by company trained engineers. These outlets are further supported by company officials based at Delhi, Mumbai, Chennai, Kolkatta, Ahmedabad, Surat, Pune, Jaipur, Chandigarh, Ranchi, Raipur, Indore, Bhubneshwar, Lucknow, Jamnagar, Hyderabad, Bangalore, Guwahati, Patna, Vizag & Cochin.

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- ▲ AREA OFFICES
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MARKETING H.Q.

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E-mail: marketing@ace-cranes.com

REGISTERED OFFICE

Dudhola Link Road, Dudhola, Palwal-121102, Haryana
Ph.: +91-1275-280111, Fax: +91-1275-280133
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E-mail: acechennai@ace-cranes.com

ACE

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.



Motor Graders

High Performance and rugged
Motor Graders

ACE INDIA'S NO. 1
MOBILE & TOWER CRANE CO.



CUMMINS engine for reliable performance and steady output in tough working conditions.

ZF technology 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

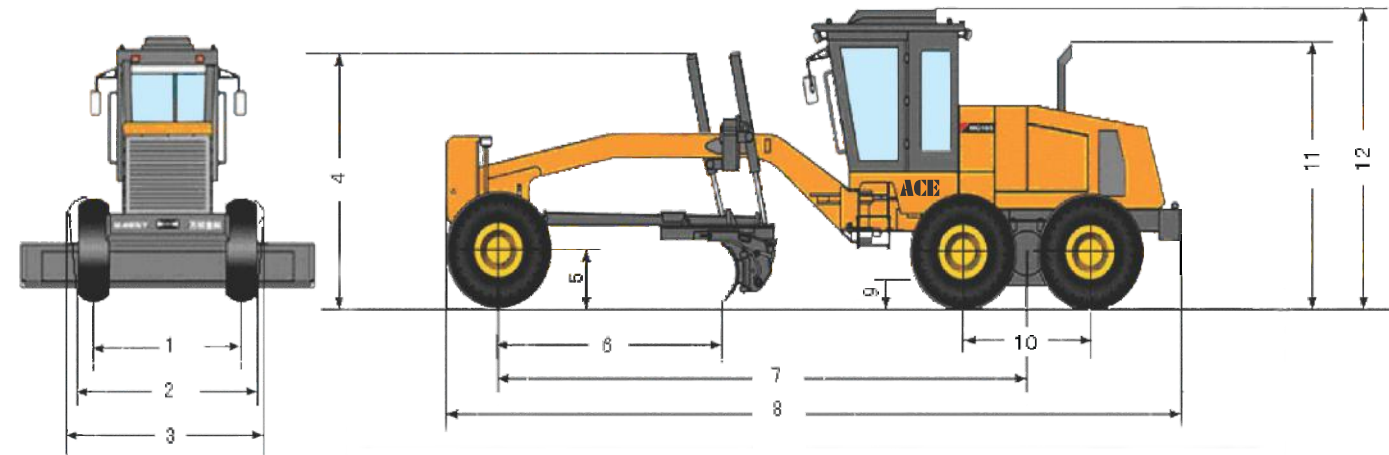
Husco Multi-direction valves ensure hydraulic system reliability.

Nothing beats an **ACE**

Specifications

Motor Grader

| Description | Unit | AG151 | AG176 |
|-----------------------------|--------|-------------------------|------------------|
| Engine Model | | 6BTAA5.9C | B5.9 173C31 |
| Engine Power at Rated Speed | hp | 150hp @ 2200 rpm | 173hp @ 2500 rpm |
| Weight: Total | kg | 14100 | 15000 |
| On Front Wheel | kg | 4225 | 4500 |
| On Rear Wheel | kg | 9875 | 10500 |
| Blade Length X Arc Height | mm | 3657X610 | 3657X610 |
| Maximum Inclination Angle | degree | 90° | 90° |
| Cutting Angle | degree | 36°-66° | 36°-66° |
| Maximum Digging Depth | mm | 500 | 500 |
| Maximum Lifting Height | mm | 480 | 480 |
| Minimum Turning Radius | mm | 7800 | 7800 |
| Gradeability | % | 20 | 20 |
| Tyre Size* | - | 13.0-24-12PR | 14.0-24-16PR |
| Speed (Forward / Reverse) | km/h | 5,8,11,19,23,38/5,11,23 | |
| Front Axle | | | |
| Inclined angle | degree | ± 17° | ± 17° |
| Steering angle | degree | ± 45° | ± 45° |
| Swing angle | degree | ± 15° | ± 15° |
| Maximum Traction Force | KN | ≥ 90 | ≥ 90 |



| Description | AG151 | AG176 | Description | AG151 | AG176 |
|-----------------------------------|-------|-------|--|-------|-------|
| 1 Width-tyre center lines | 2156 | 2156 | 8 Length-front tyre to end of rear frame | 9132 | 9132 |
| 2 Width-outside rear tyres | 2501 | 2525 | 9 Ground clearance at trans. case | 387 | 412 |
| 3 Width-outside front tyres | 2521 | 2546 | 10 Length between tandem axles | 1639 | 1639 |
| 4 Height to top of cylinders | 2963 | 2988 | 11 Height to exhaust stack | 3120 | 3145 |
| 5 Height to axle | 635 | 660 | 12 Height - with air-conditioner | 3376 | 3401 |
| 6 Length-front axle to mouldboard | 2770 | 2770 | - w/o air-conditioner | 3260 | 3285 |
| 7 Length-front axle to mid tandem | 6575 | 6575 | | | |

(All dimensions are in mm)



Corporate Office

The policy of responding with speed and expertise has been rewarded over the years in the form of repeat business, resulting in constant growth of the company and making us one of the leading company in the Mobile Cranes, Tower Cranes and Construction Equipment sector in the country.



Motorgrader Plant



ACE Training Centre



Plant

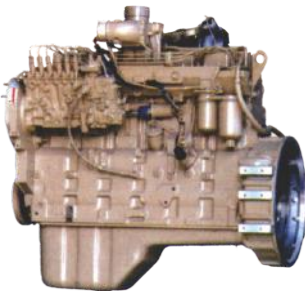
ACE - Action Construction Equipment Limited is India's leading construction equipment manufacturing company. ACE offers Mobile Cranes, Motor Graders, Vibratory Compactors, Truck Mounted Cranes, Crawler Cranes, Forklifts, Tractors and other Construction Equipment. ACE has a consolidated presence in all major Infrastructure, Construction, Heavy Engineering and Industrial Projects across the country.



Another factor driving our growth has been the versatility of our equipment to satisfy a vast range of applications. Our equipment has been successfully used in many sectors like Infrastructure Construction, Power, Ports & Shipyards, Dams, Metro Rail, Roads, Mining, Steel, Engineering, Automobile, Railways, Cement, Petroleum, Defence, Chemicals & Fertilizer, Warehousing, Logistics, Building Construction etc., to name a few.



1. Engine



CUMMINS 6 cylinders diesel engine, in-line, water cooled, direct injection, turbo charged 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 transmission provides six forward and three reverse speeds. Electro-hydraulically controlled power shift transmission makes operation easy and convenient .

4. Axle



MERITOR axle with 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 ease of maintenance.

3. Operating System



Forward/backward adjustable operation panel with HUSCO multi-way valve, provides easy operation.

5. Air Conditioner

Roof mounted AC to give complete cooling effect thus improving the comfort and efficiency of operator.



6. ROPS Cabin

Well designed diamond shaped cab with wide-view vision, good water, dust and noise sealing, adjustable operating consol, FM radio, air conditioner and adjustable/comfortable operator seat. The Rollover Protective Structure (ROPS) is designed as per ISO3471-1994, ISO3164-1995(E) standards provides operator's safety and comfort.



8. Engine Accessibility

Easy to reach and maintenance. Open vents ensure adequate ventilation.



9. Ground Clearance

Best in class ground clearance of 412 mm for trouble free operation (Model AG 176)



10. Draw Bar Pull

Best in class Blade down force of 7140 kg and Draw Bar Pull of 9450 kg (Model AG 176)

