



Motor Grader

Main Features of **Motor Grader**

1. Meritor axle (specially used for **motor graders**).
2. Hangzhou Advance gearbox (adopting German ZF technology).
3. Comfortable cab, equipped with air conditioner, which provide you broad view.
4. America-imported HUSCO Multi-way Valve ensure a advanced and safe hydraulic system.
5. Multi optional component available. Such as front dozer, rear ripper etc.
6. All hydraulic controllable blade.
7. Optional Rear Ripper has five blades.
8. M135 similar to CAT 12H/12K.
9. M165 similar to CAT 14H/140K.

Motor Grader is an earthwork machinery used for leveling the ground with slickers. The slicker is fixed between the front and back wheels of the machine. It can do up and down, tilt, rotate and protract. **Motor Grader** has a nimble and precise movement, and it is easy to operate. It has a high degree of precision in leveling the ground. It can be used for constructing roadbeds, road surfaces, side slopes, digging side ditches, stirring road surface mixtures, cleaning up snow, bulldozing particulate materials and maintaining soil roads and gravel roads. **Motor Grader** is the main machinery used for reshaping and leveling in the earthwork construction. It is widely used in the ground leveling of large area grounds such as roads and airports. It can be used separately or combined with other devices. **Motor Grader** can provide enough strength and stability for the roadbeds in the construction. Its major methods are leveling the ground, brushing the slopes and filing and constructing the embankments.

Main Specification of **Motor Grader**

Mode		M135	M165	M185
Engine	Brand:	Cummins	Cummins	Cummins
	Mode	6BT5.9-C135	6BT5.9-C170	6BT5.9-C180

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	Rated Power (KW)	100kw/135 hp	125kw/170 hp	132kw/180 hp
	Rated Rotating Speed (rpm)	2200	2200	2200
	Displacement (L)	5.9	5.9	5.9
Working performance	Max. Ground Clearance (mm)	430	430	430
	Min. Turning radius	7.8	7.8	7.8
	Frame articulation (L/R)	25° (L/R)	25° (L/R)	25° (L/R)
	Steering Arc of Front Axle	45° (L/R)	45° (L/R)	45° (L/R)
	Maximum Traction	61.3 KN	82 KN	90 KN
Forward Speed	1st Speed (km/h)	5	5	5
	2nd Speed (km/h)	8	8	8
	3rd Speed (km/h)	11	11	11
	4th Speed (km/h)	19	19	19
	5th Speed (km/h)	23	23	23
	6th Speed (km/h)	38	38	38
Max. Reverse Speed (km/h)		23	23	23
Blade	Blade Cutting Angle	26°-70°	26°-70°	26°-70°
	L×H (mm)	3760×610	3965×610	3965×610
	Max. Lifting Height (mm)	450	450	450
	Max. Cutting Depth (mm)	500	500	500
	Rotation Angle	360°	360°	360°
Capacity	Fuel Tank (L)	290	290	290
	Hydraulic Oil Tank (L)	110	110	110
Dimension (L×W×H) (mm)		8015×2308×3050	9132×2610×3440	9132×2610×3440
Operating Weight (kg)		11,000	15,000	15,500
Production Standard:		ISO9001:2000		
Packing type (shipping by sea)		Container transport		

World Equipment is a leading Chinese manufacturer and supplier of **motor grader** with our 10 years' export experience. We keep trying to improve it, so that its reliability, durability, safety and comfort ability have been greatly increased. Meanwhile, we have got the acknowledgements from our clients. Our products have already been exported to Europe, South America, Middle East, Southeast Asia and Africa. We have clients in Congo, Tanzania, Russia, Algeria, Philippines,

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Kazakhstan, Iran, Saudi Arabia, Nigeria, Singapore, Indonesia, Malaysia, The United Arab Emirates, South Africa, Australia, Sudan. We believe the **motor grader** World Equipment provides will satisfy you because its competitive price and high quality have made us a leading company in China.

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