



MOTOR GRADER

Model Name: EG180

PRECISION. POWER. PERFORMANCE

The Engirise **EG180 Motor Grader** is powered by a Cummins or Shangchai turbocharged diesel engine, delivering strong, fuel-efficient, and reliable performance. It features a German torque converter and power-shift gearbox with six forward and three reverse gears, ensuring smooth operation in all working and transport conditions. Its anti-slip differential drive axle and roller chain tandem case provide excellent traction, stability, and durability on all terrains.

Built for accuracy and efficiency, the **EG180** uses a pendulum-arm blade structure with a maintenance-free circle device for precise grading. The dual-cylinder blade tip control allows quick adjustment of the cutting angle as per soil conditions. A flexible hydraulic system with HUSCO control valves ensures smooth, responsive operation, while the boxed steering front axle and leaned wheel design enhances maneuverability and handling on site.

Advantages:

- 01 Powerful and fuel-efficient Cummins/Shangchai engine.
- 02 Smooth gear shifting with German transmission system.
- 03 Strong traction and stability on uneven terrain.
- 04 Precise blade control for superior grading results.
- 05 Low maintenance with durable and efficient design.
- 06 Flexible and responsive hydraulic operation for easy handling.

Technical Parameters:

The Engirise **EG180 Motor Grader** is engineered with optimized technical parameters, ensuring high power output, precise blade control, stable performance, and superior efficiency for all grading and road construction applications.



Parameters Of Product:

Parameter	Values
Model	EG180
Operating Mass	16,000 kg
Front Axle Load	5,150 kg
Rear Axle Load	10,850 kg
Maximum Forward Speed	38.2 km/h
Minimum Reverse Speed	24.5 km/h
Speed Gear Configuration	6 Forward / 3 Reverse (F6/R3)
Turning Radius	7,800 mm
Hydraulic System Pressure	18 MPa
Blade Dimensions (L × H)	3,965 mm × 610 mm
Front Wheel Track	2,150 mm
Wheelbase	6,362 mm
Engine Model	Cummins 6BTA5.9
Engine Power Output	132 kW
Overall Dimensions (L × W × H)	8,585 X 2,790 X 3,340 mm

About Us

Founded in 2014, Engirise is a global manufacturer delivering industrial machinery that powers industries worldwide. Our mission is to redefine industrial solutions through innovation, quality, and customer success.

Driven by engineering excellence, we empower industries to build smarter, safer, and more sustainable futures.

Connect With Us

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