



BUILT IN BHARAT

Engine	Ashok Leyland
Gross Power	180 hp 2200 rpm
Operating Weight	15,000 kg
Standard Blade	3,660 mm
Cabin	Air Conditioned

4180D MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4180D SPECIFICATIONS >>>



OPERATING WEIGHT 15000 KG

ENGINE

Manufacturer	Ashok Leyland
Model	H6 Engine
Gross Power	180 hp @ 2200 rpm
Peak Torque	700 N-m @ 1600 rpm
Torque Rise	17.5%
Displacement	6.7 L
Bore x Stroke	107x124 mm
Number of Cylinders	6

TRANSMISSION

Transmission Make	ZF
Transmission Type	Powershift Transmission
Torque Converter	Three Member Single Turbine
Transmission Configuration	6 Fwd/3 Rev
Max. Forward Speed	43 Km/hr
Max. Backward Speed	32 Km/hr

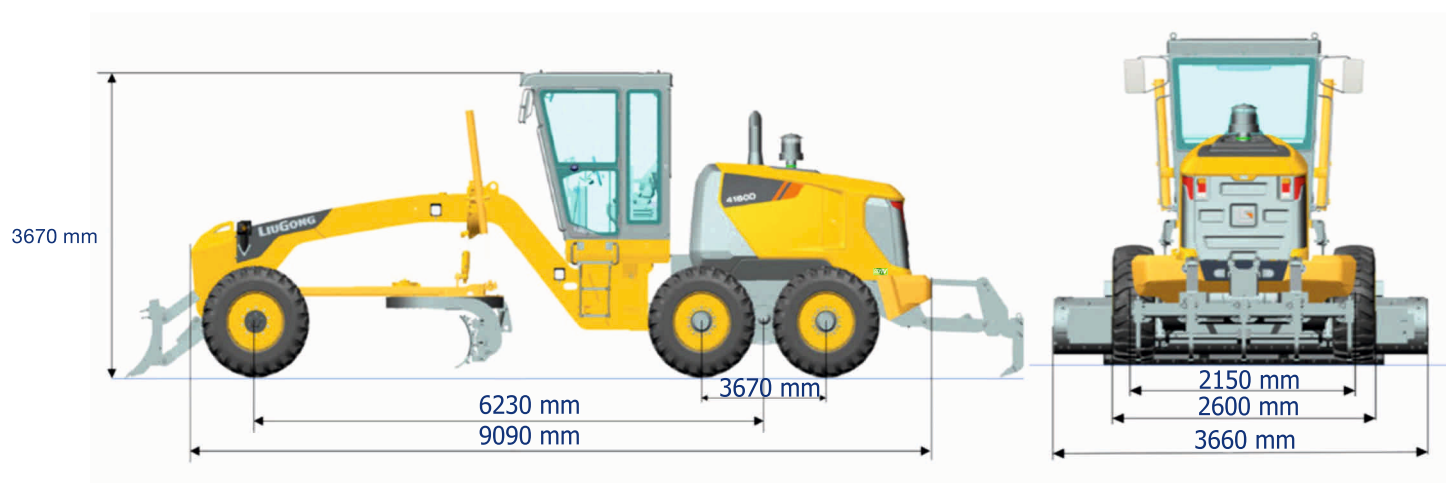
AXLES

Rear Axle Make	Meritor
Rear Axle Type	Four Wheel Drive
Differential Type	Limited Slip Standard
Final Drive Type	Chain Drive
Front Axle Type	All Welded Steel Frame
Front Axle Wheel Lean Angle	Left / Right 18°
Rear Axle Oscillation	±15°

AIS160 COMPLIANT

Enhanced safety and performance as per AIS160 compliant

STATIC DIMENSION



All parameters within (±) 2.5% of the specified values. Specification are subject to change without notice. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

BRAKE SYSTEM

Service Brake	Fully Hydraulic, Shoe
Service brake Actuation	Hydraulic
Parking Brake	Manual, Mechanical Shoe Brake
Parking brake Actuation	Manual

HYDRAULIC SYSTEM

Main Pump Types	Gear Pump
Main Relief Pressure	20 ± 0.5 Mpa

STEERING SYSTEM

Steering Type	Front Wheel Steering
Pump Type	Gear Pump
Steering Relief Pressure	16.7±0.5 Mpa
Min. Turning Radius	7.8 m
Frame Articulation Angle	± 27°
Steering Angle	± 50°

CABIN

Air Conditioned	
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SERVICE CAPACITIES

Fuel Tank	275 L
Cooling System	40 L
Adblue	24 L
Crank Case	24 L
Transmission & Torque Converter	33 L
Axle Oil	95 L
Hydraulic Reservoir	115 L

MOLDBOARD PERFORMANCE

Moldboard Lift Above Ground	600 mm
Blade Width	610 mm
Blade Length	3660 mm
Blade Tilt Angle	90°
Blade Ground Pressure	≥ 7,600 kg
Cutting Angle	28°-74°
Circle Rotation	360°
Blade Max. Depth In Ground	680 mm

SOUND AND ENVIRONMENT

Sound Level in Cab, According to ISO 6396-2008	81dB (A)
External Sound Level, According to ISO 6396-2008	111dB (A)
Heating Capacity	5 kW
Air Conditioning	4.6 kW

TIRES

Tire Size	17.5-25 PR16
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OPTIONAL EQUIPMENTS

Rear Ripper
Front Dozzer
Scarifier
Centralized Auto Lubrication System
Automatic Fire Suppression System
Rotary Beacon
GPS
Rear Camera

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.