LiuGong
INDIA



CEV

Engine	Ashok Leyland
Operating Weight	16,200 Kg
Rated Power	180 hp @ 2200 rpm
Standard Blade	3,660 mm
Cabin	Air Conditioned

4180D
MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4180D SPECIFICATIONS

OPERATING WEIGHT	
Standard Operating Weight	16,200 Kg

ENGINE	
Manufacturer	Ashok Leyland
Model	H6C518022
Gross Power	180 hp @ 2200 rpm
Peak Torque	700 Nm @ 1400-1700 rpm
Displacement	5.7 L
Number of Cylinders	6
Emission	CEV-V

TRANSMISSION	
Transmission Make	ZF6WG200
Transmission Type	Powershift Transmission
Torque Convertor	Three Member Single Turbine
Transmission Configuration	6 Fwd/3 Rev
Max. Forward Speed	40 Km/hr
Max. Backward Speed	26 Km/hr

AXLES	
Rear Axle Make	LiuGong
Differential Type	No-Spin & Anti-Skid
Final Drive Type	Chain Drive
Front Axle Type	All Welded Steel Frame
Front Axle Wheel Lean Angle	Left/Right 18°
Rear Axle Oscillation	±16°

BRAKE SYSTEM	
Service Brake	Hydraulic
Service Brake Actuation	Hydraulic
Parking Brake	Manual, Mechanical Drum Brake
Parking Brake Actuation	Manual

HYDRAULIC SYSTEM	
Main Pump Type	Gear Pump
Main Relief Pressure	20 Mpa

ELECTRICAL SYSTEM	
System Voltage	24V
Battery	150Ah,12V X 2

STEERING SYSTEM	
Steering Type	Front Wheel / Articulated Steering
Pump Type	Gear Pump
Steering Relief Pressure	16.7 Mpa
Min. Turning Radius	7.2 m
Frame Articulation Angle	± 27°
Steering Angle	± 50°

CABIN STANDARD FEATURES
Air Conditioned
I-Link
Ergonomically Designed ROPS & FOPS
Rear View Camera
Mechanical Suspension Seat

SERVICE CAPACITIES	
Fuel Tank	280 L
Cooling System	40 L
Adblue	24 L
Engine Oil	18 L
Transmission & Torque Convertor	33 L
Axle Oil	213 L
Hydraulic Reservoir	115 L

MOLDBOARD PERFORMANCE	
Moldboard Lift Above Ground	600 mm
Blade Height	610 mm
Blade Length	3660 mm
Blade Tilt Angle	90°
Cutting Angle	28°-74°
Slewing Angle	360°
Blade Max. Depth In Ground	≥680 mm

AIS160 (Part 1 & Part 2) COMPLIANT

iLINK LiuGong Advanced Telematic System

Mapping & Tracking | Geofencing | Utilization Report | Service Management

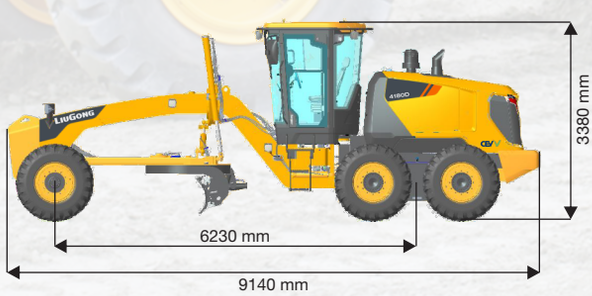
WORKING CAPACITIES	
Blade Ground Pressure	≥7,600 kg
Max. Drawbar Pull	83 kN

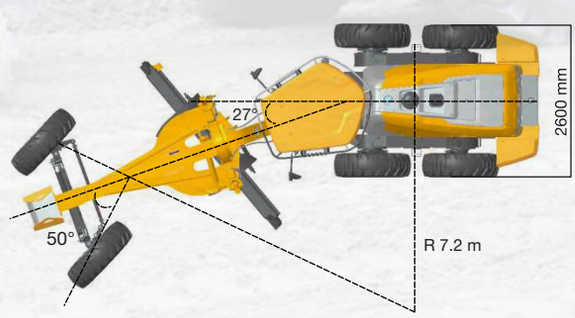
TIRES	
Standard	17.5-25 PR16
Optional	14.00-24 PR12

DIMENSION	
Overall Length	9140 mm
Overall Width	2650 mm
Overall Height	3380 mm
Wheel Base	6230 mm
Min. Road Clearance	448 mm
Note: Standard Equipment Transport Condition	

OPTIONAL EQUIPMENTS	
Ripper	
Dozer	
Scarifier	
Blade	10ft/13ft
Cold Start Kit	
Air Suspension Seat	
Auto Levelling System	

DGMS KIT (OPTIONAL)
Centralized Automatic Lubrication System
Automatic Fire Suppression System
Rotary Beacon
Proximity Warning Device
Operator Fatigue Warning System
3 Point Contact Seat Belt
Seat Belt Reminder System
Audio Visual Alarm
Neutral Braking/Door Interlock
Emergency Stop / Ground Level Engine Shutoff- Button





Note: Standard operating conditions, altitude: ≤2500 m (without deration), temperature: 0°C to 50°C (without grid heater)

Parameters of actual equipment shall be within ±2.5% of the values illustrated. Specifications are subject to change without prior notice. Optional equipments are available upon request. Please contact your local Liugong dealer for detailed information

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

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