LiuGong
INDIA



CEV

Engine	Kirloskar
Rated Power	74.5 hp @ 2200 rpm
Operating Weight	8,000 Kg
Standard Blade	3,050 mm
Canopy	ROPS Canopy

4100D
MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4100D SPECIFICATIONS

OPERATING WEIGHT	
Standard Operating Weight	8,000 Kg

ENGINE	
Manufacturer	Kirloskar
Model	4R1190T-H.T
Gross Power	74.5 hp @ 2200 rpm
Peak Torque	400 Nm @ 1200±100 rpm
Displacement	4.76 L
Bore x Stroke	110 x 125 mm
Number of Cylinders	4
Emission	CEV-V

TRANSMISSION	
Transmission Make	Carraro
Transmission Type	Synchro Shuttle with Power Reverse
Torque Convertor	Three Member Single Turbine
Transmission Configuration	4 Fwd/4 Rev
Max. Forward Speed	35.3 Km/hr
Max. Backward Speed	35.3 Km/hr

AXLES	
Rear Axle Make	LiuGong
Differential Type	Open
Final Drive Type	Planetary Transmission
Front Axle Type	All Welded Steel Frame
Front Axle Oscillation	15°±2°

BRAKE SYSTEM	
Service Brake	Caliper Disc Brake
Service Brake Actuation	Air over hydraulic, Dual Circuit
Parking Brake	Caliper Disc Brake
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM	
Main Pump Type	Gear Pump
Main Relief Pressure	16 Mpa

STEERING SYSTEM	
Steering Configuration	Load Sensing Steering
Steering Type	Front Wheel/ Articulated Steering
Pump Type	Gear Pump
Steering Relief Pressure	14.8 Mpa
Min. Turning Radius	6.5 m
Frame Articulation Angle	± 27°
Steering Angle	± 45°

CABIN STANDARD FEATURES
Fan
I-Link
ROPS
Mechanical Suspension Seat

ELECTRICAL SYSTEM	
System Voltage	12 V
Battery	12V X (150Ah, 800 CCA)

SERVICE CAPACITIES	
Fuel Tank	88 L
Cooling System	15 L
Engine Oil	11 L
Transmission & Torque Convertor	28 L
Axle Oil	8 L
Hydraulic Reservoir	76 L

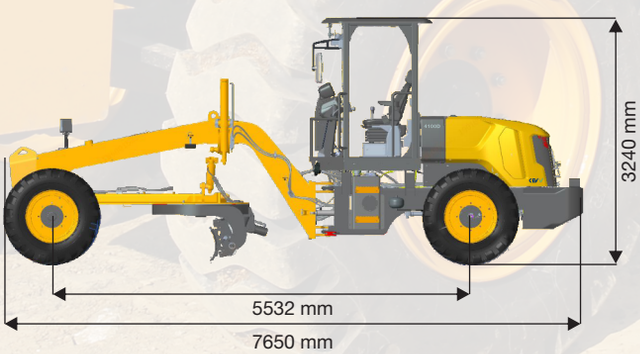
TIRES	
Standard	13.00-24 12PR

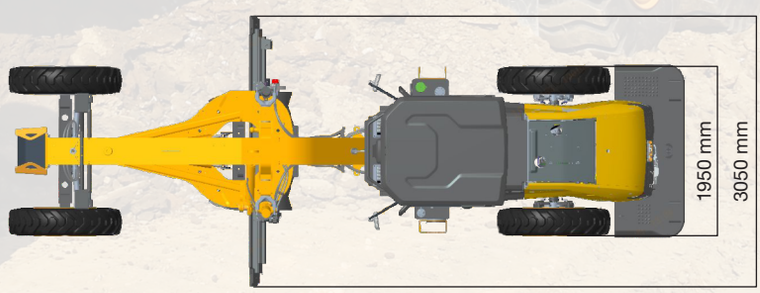
MOLDBOARD PERFORMANCE	
Moldboard Lift Above Ground	450mm
Blade Height	450 mm
Blade Length	3050 mm
Blade Tilt Angle	35°±2°
Cutting Angle	46°±2°
Slewing Angle	120°±2°
Blade Max. Depth In Ground	≥350 mm

WORKING CAPACITIES	
Blade Ground Pressure	≥4170 kg
Max. Drawbar Pull	41 kN

DIMENSIONS	
Overall Length	7650 mm
Overall Width	1950 mm
Overall Height	3240 mm
Wheel Base	5532 mm
Min. Road Clearance	300 mm
Note: Standard Equipment Transport Condition	

OPTIONAL EQUIPMENTS
Ripper
Dozer
Air Suspension Seat





Note: Standard operating conditions, altitude: ≤4500 m (without deration), temperature: 2°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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