



Engine
Rated Power
Operating Weight
Standard Blade
Canopy

Kirloskar
74.5 hp @ 2200 rpm
8,000 Kg
3,050 mm
ROPS Canopy

4100D

MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4100D SPECIFICATIONS



OPERATING WEIGHT

Standard Operating Weight	8,000 Kg
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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/Secondary	Caliper Disc Brake (Air over Hydraulic, Dual Circuit)
Parking Brake	Caliper Disc Brake (Mechanical Actuation)

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	11.5 L
Transmission & Torque Convertor	28 L
Axle Oil	8 L
Hydraulic Reservoir	76 L

TIRES

Standard	13.00-24 12PR
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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

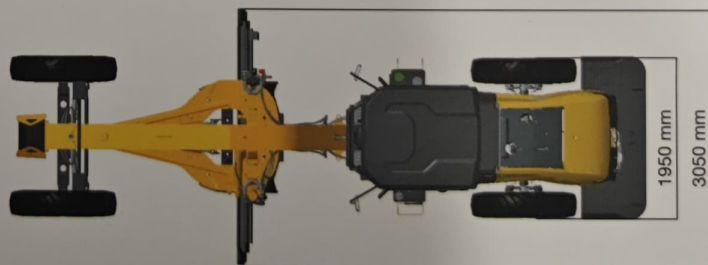
Ripper
Dozer
Air Suspension Seat

AIS160 (Part 1 & Part 2) COMPLIANT



Liugong Advanced Telematic System

Mapping & Tracking | Geofencing | Utilization Report | Service Management



Note: Standard operating conditions, altitude: ≤2000 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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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.



LIUGONG CARE

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