LiuGong



Engine	Cummins QSL9.3
Rated Power	180 kW (241 hp / 245 ps) @ 2,200 rpm
Blade Width	4,270 mm
Maximum Speed	40 km/h
Draw Bar Pull	99 kN
Operating Weight	18,000 kg

4230D MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4230
SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	Common Rail QSL9.3
Rate Power	180 kW (241 hp / 245 ps) @ 2,200 rpm
Net Power	169 kW (225 hp) @ 2,200 rpm
Maximum Torque	1,187 N·m @ 1300 rpm
Number of Cylinders	6
Aspiration	Turbo & air-to-air intercooled

TRANSMISSION	
Transmission Type	Power shift
Torque Converter	Three - member single turbine
Maximum Travel Speed, fwd	40 km/h
Maximum Travel Speed, rev	26.5 km/h
Number of Speeds, fwd	6
Number of Speeds, rev	3

AXLES	
Differential Type	Limited slip standard
Final Drive Type	Chain drive
Axle Oscillation	16°
Front Axle, Wheel Lean Angle	Left / right 18°

STEERING	
Steering Configuration	Load sensor steering gear
Steering Relief Pressure	16.7 MPa
Minimum Turning Radius	7,200 mm
Steering Angle	±50°
Frame Articulation Angle	±27°

BRAKES	
Service Brake Type	Disc brake
Service Brake Location	Rear axle

TIRES	
Tire Size	17.5R25

HYDRAULIC SYSTEM	
Main Pump Type	Variable Displacement
Main Relief Pressure	21 MPa
Main Pump Flow	158 L/min

WORKING CAPACITIES	
Maximum Draw Pull	99 kN
Cutting Pressure	8,750 kg

TANDEM DRIVE PERFORMANCE	
Height	648 mm
Width	226 mm
Center Distance	1,517 mm

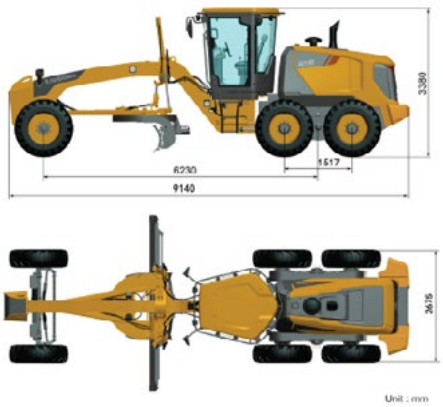
MOLDBOARD PERFORMANCE	
Bank Cut Angle	28~74°
Moldboard Lift Above Ground	600 mm
Moldboard Side Shift, right / left	660 / 740 mm
Maximum Sloping Angle	90°
Cutting Depth	680 mm
Circle Rotation	360°
Circle Diameter	1,455 mm
Circle Thickness	140 mm

DIMENSIONS	
Wheelbase	6,230 mm
Overall Length	9,140 mm
Overall Width	2,675 mm
Overall Height with Cab	3,380 mm
Clearance under Front Axle	602 mm
Moldboard Standard Length	4,270 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	610 mm

OPERATING WEIGHTS	
Operating Weight	18,000 kg

SERVICE CAPACITIES	
Fuel Tank	348 L
Engine Oil	21 L
Cooling System	35 L
Hydraulic Reservoir	115 L
Transmission and Torque Converter	33 L
Tandems, Each	90 L

OPTIONAL EQUIPMENT
Rear Ripper
Front Dozer
Automatic Leveling System
Rotary Beacon
ROPS/FOPS
Rotary Beacon
Frictional Flake Worm Box
Joystick Control with Dan Foss Valving
Reversible Fan



Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.