LiuGong



Engine	YN38GBZ2
Rated Power	75 kW @ 2,400 rpm
Blade Width	3,050 mm
Maximum Speed	38 km/h
Draw Bar Pull	39 kN
Operating Weight	7,500 kg

4120D MOTOR GRADER

TOUGH WORLD. TOUGH EQUIPMENT.

4120D SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2
Manufacturer	YUNNEI POWER
Model	YN38GBZ2
Rated Power	75 kw @ 2,400 rpm
Maximum Torque	332 N.m
Number of Cylinders	4
Aspiration	Turbo & air-to-air intercooled

TRANSMISSION	
Transmission Type	Power shift
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	38 km/h
Number of Speeds, fwd	4
Number of Speeds, rev	4

AXLES	
Differential Type	Limited slip standard
Axle Oscillation	± 15°

STEERING	
Steering Configuration	Load sensor steering gear
Steering Relief Pressure	14.8 MPa
Minimum Turning Radius	6,000 mm
Steering Angle	± 48°
Frame Articulation Angle	± 27°

BRAKES	
Service Brake Type	Disc brake
Service Brake Location	Rear axle

TIRES	
Tire Size	16/70-24

HYDRAULIC SYSTEM	
Main Pump Type	Gear
Main Relief Pressure	16 MPa
Main Pump Flow	80 L/min

WORKING CAPACITIES	
Maximum Draw Pull	39 kN
Cutting Pressure	6,000 kg

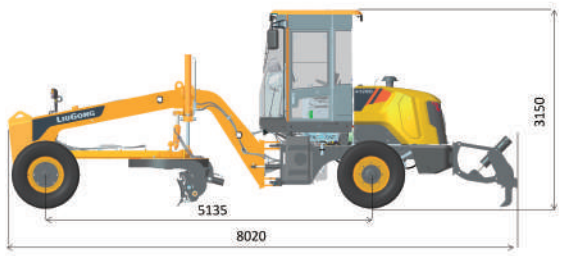
MOLDBOARD PERFORMANCE	
Bank Cut Angle	28~74°
Moldboard Lift Above Ground	450 mm
Moldboard Side Shift, left/right	410 / 480 mm
Maximum Sloping Angle	35°
Cutting Depth	350 mm
Circle Rotation	120°
Circle Diameter	1,265 mm

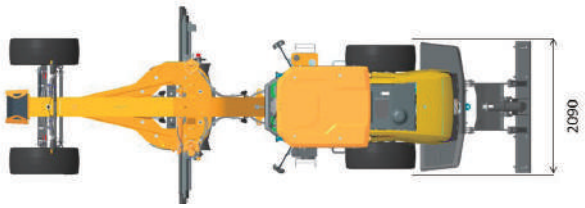
DIMENSIONS	
Wheelbase	5,135 mm
Overall Length	8,020 mm
Overall Width	2,090 mm
Overall Height with Cab	3,150 mm
Clearance under Front Axle	465 mm
Moldboard Standard Length	3,050 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	450 mm

OPERATING WEIGHTS	
Operating Weight	7,500 kg

SERVICE CAPACITIES	
Fuel Tank	88 L
Engine Oil	6.8 L
Cooling System	15 L
Hydraulic Reservoir	75 L
Transmission and Torque Converter	27 L

OPTIONAL EQUIPMENT
Oil-Fired Warm Air Heater
Rearview Camera
Blade Float





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12/2024 Designed by LiuGong
Replace the previous versions of 01/2024

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.