



<b>Engine</b>	YUCHAI
<b>Gross Power</b>	217 hp @ 2,200 rpm
<b>Std.Operating Weight</b>	16,400 kg
<b>Standard Blade</b>	3,960 mm
<b>Cabin</b>	Air Conditioned

# 4215D MOTOR GRADER

**TOUGH WORLD. TOUGH EQUIPMENT.**

# 4215D SPECIFICATIONS >>>



## OPERATING WEIGHT

Std. Operating Weight	16,400 kg
Operating Weight with Ripper & Dozer	17,700 kg

## ENGINE

Manufacturer	Yuchai
Model	YCK09220-B461
Gross Power	217 hp @ 2,200 rpm
Peak Torque	1100N-m @ 1400 rpm
Bore x Stroke	123x132 mm
Displacement	9.41 L
Number of Cylinders	6

## TRANSMISSION

Transmission Make	ZF
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	27 Km/hr

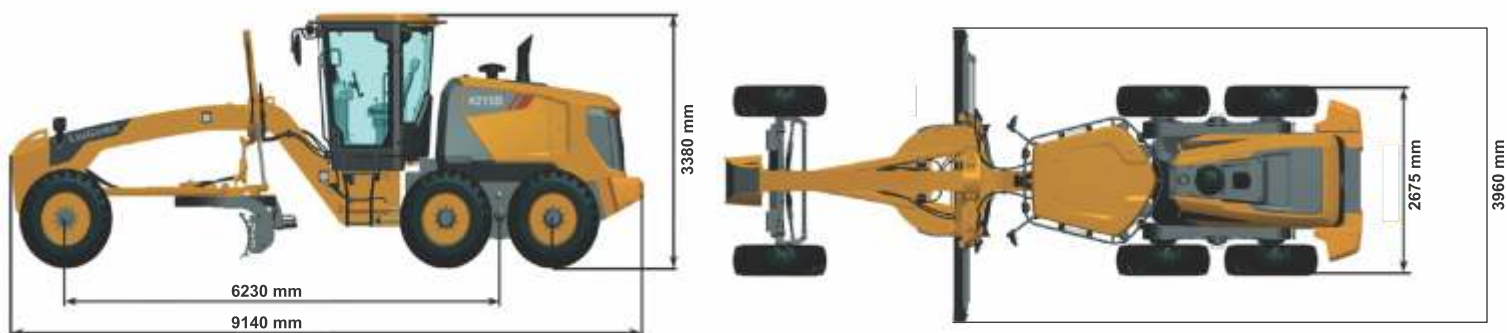
## AXLES

Rear Axle Make	LiuGong
Rear Axle Type	Four Wheel Drive
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	±15°

## AIS160 COMPLIANT

Enhanced safety and performance as per AIS160 compliant

## STATIC DIMENSION



## BRAKE SYSTEM

Service Brake	Fully Hydraulic, Disc
Service brake Actuation	Hydraulic
Parking Brake	Manual, Mechanical Shoe Brake
Parking Brake Actuation	Manual

## HYDRAULIC SYSTEM

Main Pump Type	Piston Pump
Main Relief Pressure	21 ± 0.5 Mpa

## STEERING SYSTEM

Steering Type	Front Wheel Steering
Pump Type	Gear Pump
Steering Relief Pressure	16.7±0.5 Mpa
Min. Turning Radius	7.2 m
Frame Articulation Angle	± 27°
Steering Angle	± 50°

## CABIN

Air Conditioned	
Rotary Beacon	
I-Link (GPS)	
Rear Camera	

## SERVICE CAPACITIES

Fuel Tank	310 L
Cooling System	40 L
Adblue	24 L
Crank Case	26 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	3960 mm
Blade Tilt Angle	90°
Blade Ground Pressure	≥ 7,850 kg
Cutting Angle	46°
Circle Rotation	360°
Blade Max. Depth In Ground	680 mm

## COOLING SYSTEM

Hydraulically Driven Fan

## TIRES

Tire Size	17.5-25 L3
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## OPTIONAL EQUIPMENTS

Rear Ripper	
Front Dozzer	
Scarifier	
Centralized Auto Lubrication System	
Automatic Fire Suppression System	
Fire Extinguisher	

All parameters within (±) 2.5% of the specified values. Specification are subject to change without notice  
LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

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