

| | |
|------------------|-----------------------------|
| Engine | Cummins QSL9.3 |
| Rated Power | 180 kW (240 hp) @ 2,200 rpm |
| Net Power | 169 kW (225 hp) @ 2,200 rpm |
| Blade Width | 4,270 mm |
| Maximum Speed | 42 km/h |
| Draw Bar Pull | 93 kN |
| Operating Weight | 17,000 kg |

PMG
PACIFIC MACHINERY
GROUP

4230D MOTOR GRADER



TOUGH WORLD. TOUGH EQUIPMENT.

| ENGINE | |
|---------------------|--------------------------------|
| Emission Regulation | Tier 3 / Stage III |
| Make | Cummins |
| Model | QSL9.3 |
| Rated Power | 180 kW (240 hp) @ 2,200 rpm |
| Net Power | 169 kW (225 hp) @ 2,200 rpm |
| Maximum Torque | 1186 N-m |
| 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 | 42 km/h |
| Maximum Travel Speed, rev | 26.2 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 | 15° |
| 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 | Shoe |
| Service Brake Location | Rear axle |

| TIRES | |
|-----------|---------|
| Tire Size | 17.5-25 |

| HYDRAULIC SYSTEM | |
|----------------------|-----------|
| Main Pump Type | Gear |
| Main Relief Pressure | 20 MPa |
| Main Pump Flow | 122 L/min |

| WORKING CAPACITIES | |
|--------------------|----------|
| Maximum Draw Pull | 93 kN |
| Cutting Pressure | 8,300 kg |

| TANDEM DRIVE PERFORMANCE | |
|--------------------------|----------|
| Height | 600 mm |
| Width | 210 mm |
| Center Distance | 1,538 mm |

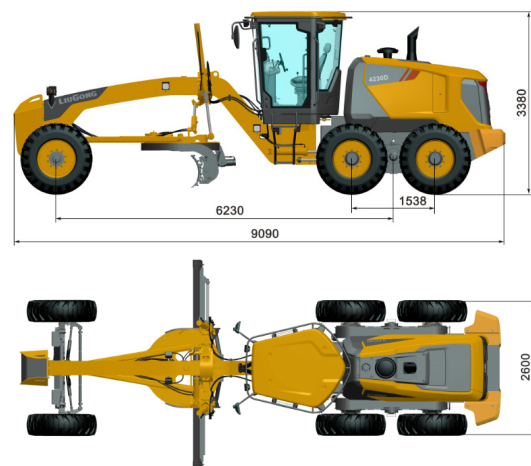
| MOLDBOARD PERFORMANCE | |
|------------------------------------|--------------|
| Bank Cut Angle | 28~74° |
| Moldboard Lift Above Ground | 570 mm |
| Moldboard Side Shift, right / left | 635 / 765 mm |
| Maximum Sloping Angle | 90° |
| Cutting Depth | 736 mm |
| Circle Rotation | 360° |
| Circle Diameter | 1,455 mm |
| Circle Thickness | 140 mm |

| DIMENSIONS | |
|------------------------------|----------|
| Wheelbase | 6,230 mm |
| Overall Length | 9,090 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 | 645 mm |

| OPERATING WEIGHTS | |
|-------------------|-----------|
| Operating Weight | 17,000 kg |

| SERVICE CAPACITIES | |
|-----------------------------------|-------|
| Fuel Tank | 348 L |
| Engine Oil | 21 L |
| Cooling System | 35 L |
| Hydraulic Reservoir | 165 L |
| Transmission and Torque Converter | 33 L |
| Tandems, each | 40 L |

| OPTIONAL EQUIPMENT | |
|---------------------------|--|
| Rear Ripper | |
| Front Dozer | |
| Automatic Leveling System | |
| Rotary Beacon | |
| Frictional Flake Worm Box | |



Unit : mm