



Engine	Cummins 6BTAA5.9-C160
Rated Power	118 kW (158 hp / 160 ps) @ 2,200 rpm
Blade Width	3,660 mm
Maximum Speed	42 km/h
Draw Bar Pull	65 kN
Operating Weight	12,600 kg

4140D MOTOR GRADER

4140D SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Manufacturer	Cummins
Model	6BTAA5.9-C160
Rated Power	118 kW (158 hp / 160 ps) @ 2,200 rpm
Maximum Torque	670 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	26.5 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	6,900 mm
Steering Angle	±50°
Frame Articulation Angle	±27°

BRAKES	
Service Brake Type	Clamp
Service Brake Location	Rear axle

TIRES	
Tire Size	13.00-24

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

WORKING CAPACITIES	
Maximum Draw Pull	65 kN
Cutting Pressure	6,000 kg

TANDEM DRIVE PERFORMANCE	
Height	600 mm
Width	210 mm
Center Distance	1,553 mm

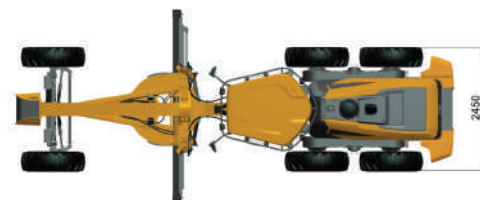
MOLDBOARD PERFORMANCE	
Bank Cut Angle	28~74°
Moldboard Lift Above Ground	520 mm
Moldboard Side Shift, right / left	390 / 780 mm
Maximum Sloping Angle	90°
Cutting Depth	600 mm
Circle Rotation	360°
Circle Diameter	1,265 mm
Circle Thickness	130 mm

DIMENSIONS	
Wheelbase	5,930 mm
Overall Length	8,440 mm
Overall Height with Cab	3,350 mm
Clearance under Front Axle	577 mm
Moldboard Standard Length	3,660 mm
Moldboard Standard Thickness	19 mm
Moldboard Standard Height	550 mm

OPERATING WEIGHTS	
Operating Weight	12,600 kg

SERVICE CAPACITIES	
Fuel Tank	348 L
Engine Oil	18 L
Cooling System	35 L
Hydraulic Reservoir	165 L
Transmission and Torque Converter	33 L
Tandems, each	36 L

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



Unit : mm