

65E / Motor Grader TURBO



Pictured with optional equipment

82 kW
7,615 kg
3,050 or 3,660 mm BLADE

Compact Grader With Big Grader Features

1,339 mm Circle With "A" Frame Drawbar
Full Power Shift Transmission With Torque Converter
Torque Proportioning Rear Differential

Built From A Lineage Of Market Leaders For Over 60 Years



65E / Motor Grader

TURBO



USA Heritage
Since 1949

BIG GRADER FEATURES IN A SMALL PACKAGE

Operating Weight

- Front 2,140 kg
- Rear 5,475 kg
- Total 7,615 kg

Engine

Cummins QSBA.5 Tier 3	Caterpillar C4.4 Tier 3
4 Cycle, turbo diesel	4 Cycle, turbo diesel
4 cylinder	4 cylinder
4.5 liters	4.4 liters
82 kW	85 kW
2,200 rpm	2,200 rpm

Brakes

- Service – 4 wheel, wet disc & self adjusting
- Independent tandem by tandem system
- Mechanical parking brake

Axles

- Front axle clearance – 516 mm
- Rear axle – torque proportioning differential

Transmission

- Full power shift with torque converter
- 6 speeds forward – top speed 38.4 km/h
- Electronic shift control
- LCD operations monitor
- Shift inhibit system

Circle

- 1,339 mm diameter gear driven circle
- Supported by "A" frame
- 4 guides with wear plates
- Shim adjustable
- 360° rotation
- Hydraulic circle side shift

Moldboard

- "Rollaway" blade with involute curve
- Replaceable cutting edges
- Size – 3,050 mm
- Interchangeable end bits



Full power shift transmission with torque converter



1,339 mm gear driven circle with "A" frame allows 360° blade rotation



Illustration includes optional equipment

STANDARD EQUIPMENT

- Accelerator/decelerator and hand throttle
- Alternator – 100 Amp.
- Articulated frame
- Back-up alarm
- Batteries (2) – 12 volt
- Controls, hydraulic
 - Articulation
 - Circle side shift
 - Circle turn
 - Moldboard lift/lower
 - Moldboard side shift
 - Wheel lean
- Control console, adjustable
- Drawbar
- Engine side panels
- Gauges
 - Air cleaner service indicator
 - Engine coolant temperature
 - Engine oil pressure
 - Fuel level
 - Hourmeter
 - Tachometer
 - Transmission LCD message center
 - Transmission oil temperature
 - Voltmeter
- Horn, electric
- Hydraulic valve – 8 section
- Implement control lever lock
- Light package
 - Front headlights (2) – hi/lo beam
 - Front worklights (2)
 - Turn signals, stop and tail lights
- Master electrical switch
- Mechanical parking brake
- Muffler, horizontal under hood
- Moldboard – 3,050 mm wide
- Moldboard pitch, manual
- ROPS Canopy with
 - Dome light
 - Floor mat
 - Glove box
 - Grab handles
 - Headliner
 - Inside mirror
 - Seat belt
- Seat, vinyl – deluxe air suspension
- Steps, right and left
- Tires – 381 x 495 mm (8PR) G2 tubeless
- Transport tie down group
- Vandalism protection

OPTIONAL EQUIPMENT

- Cab, includes
 - Cloth seat – air suspension
 - Defroster fans (2)
 - F & R wipers/washers
 - Heater, 40,000 BTU
 - Inside mirror
 - Sliding rear window
 - Sound suppression
 - Tinted glass
- Cold weather starting aid (ether)
- Dozer – 2,438 x 610 mm, with skid plates
- Factory air conditioner
- Float control valves, (3)
- Floodlights, (2) F & (2) R
- Mirrors, rearview – external, (2)
- Moldboard – 3,660 mm wide
- Moldboard pitch, hydraulic
- Radio group
- Rear ripper – 1,905 mm wide, 3 shanks
- Scarifier – 794 mm wide, 9 teeth
- Strobe light
- 90° bank slope saddle



Deluxe cab



Rear ripper



Dozer blade



90° Bank slope saddle



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