

65E TURBO Motor Grader



BIG GRADER FEATURES IN A SMALL PACKAGE

Operating Weight*

- Front 4,715 lb
- Rear 12,071 lb
- Total 16,786 lb

* Base machine – canopy, fully serviced and no attachments

Engine

- Make/Model Cummins QSB4.5
- Type 4 Cycle, turbo diesel
- No. of cylinders 4
- Displacement 275 cu. in.
- Horsepower 110
- Rated speed 2,200 rpm

Brakes

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

Axles

- Front axle clearance – 20.3"
- Rear axle – torque proportioning differential

Transmission

- Full power shift with electric control
- Single stage torque converter
- 6 speeds forward – top speed 24 mph
- 3 speeds reverse – top speed 16 mph

Circle

- 53" diameter gear driven circle
- Supported on 4 guides with wear plates
- Shim adjustable
- 360° rotation

Moldboard/Blade

- "Rollaway" blade with end bits
- Replaceable cutting edges
- Size – 10' x 16.63" x 0.63"
- Lift above ground – 15.4"
- Maximum penetration – 20"

Electrical

- 2 x 12 volt batteries
- 675 CCA
- 100 amp alternator



Full power shift transmission with torque converter



53" gear driven circle with "A" frame allows 360° blade rotation



STANDARD EQUIPMENT

- Accelerator/decelerator and hand throttle
- Alternator – 100 Amp.
- Articulated frame
- Back-up alarm
- Batteries (2), maintenance free
- 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
 - Transmission oil pressure
 - Transmission oil temperature
 - Voltmeter
- Horn, electric
- Implement control lever lock
- Light package
 - Front headlights (2)
 - Front worklights (2)
 - Turn signals, stop and tail lights
- Master electrical switch
- Mechanical parking brake
- Muffler, horizontal under hood
- Moldboard – 10' wide
- Moldboard pitch, manual
- ROPS Canopy with
 - Dome light
 - Floormat
 - Glove box
 - Grab handles
 - Headliner
 - Inside mirror
 - Seat belt
- Seat, vinyl – deluxe air suspension
- Steps, right and left
- Tires – 15.00 x 19.5 (8PR) G2 tubeless
- Valve eight station
- Vandalism protection

OPTIONAL EQUIPMENT

- Cab, includes
 - Cloth seat
 - 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 – 8' x 2', with skid plates
- Engine block heater
- Float control valves, (3)
- Floodlights, (2) F & (2) R
- Mirrors, rearview – external, (2)
- Moldboard – 12' wide
- Moldboard extensions
- Moldboard pitch, hydraulic
- Rear ripper – 75" wide, 3 shanks
- Scarifier – 41" wide, 9 teeth
- Strobe light
- 90° bank slope saddle



Open ROPS Canopy



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