

65E / Motor Grader TURBO



110 HP
16,800 LBS
10' or 12' BLADE

Pictured with optional equipment

Compact Grader With Big Grader Features

53" 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 50 Years



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BIG GRADER FEATURES IN A SMALL PACKAGE

Operating Weight

- Front 4,700 lb
- Rear 12,100 lb
- Total 16,800 lb

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 torque converter
- 6 speeds forward – top speed 24 mph
- Electronic shift control
- LCD message center
- Shift inhibit system

Circle

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

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"



Full power shift transmission with torque converter



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

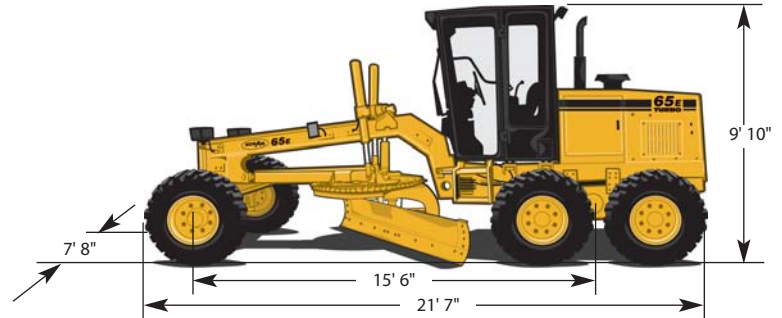


Illustration includes optional equipment

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
 - Transmission LCD message center
 - Transmission oil temperature
 - Voltmeter
- Horn, electric
- 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 – 10' 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 – 15.00 x 19.5 (8PR) G2 tubeless
- Valve eight station
- 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 – 8' x 2', with skid plates
- Factory air conditioner
- 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



Deluxe cab



Scarifier



Dozer blade



90° Bank slope saddle



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