

# 65E / Motor Grader TURBO



110 HP Cummins  
114 HP Caterpillar  
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 60+ Years*





# 65E / Motor Grader

## TURBO



USA Heritage  
Since 1949

### BIG GRADER FEATURES IN A SMALL PACKAGE

#### Operating Weight

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

#### Engine

Cummins QSB3.3	Caterpillar C3.4
4 Cycle, turbo diesel	4 Cycle, turbo diesel
4 cylinder	4 cylinder
Tier 4i	Tier 4i
110 hp	114 hp
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 – 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 operations monitor
- Shift inhibit system

#### Circle

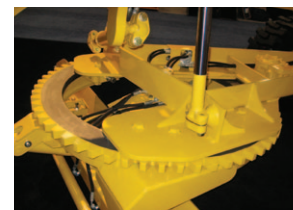
- 53" diameter gear driven circle
- Supported by "A" frame
- 4 guides with wear plates
- Shim adjustable
- 360° rotation
- Hydraulic circle side shift

#### Moldboard

- "Rollaway" blade with involute curve
- Replaceable cutting edges
- Size – 10' wide, 21" high
- Interchangeable end bits



Full power shift transmission with torque converter



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

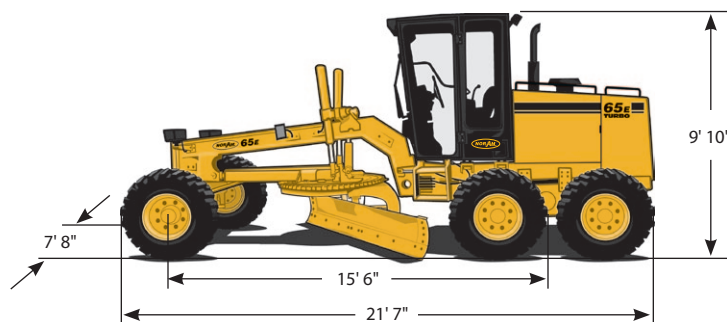


Illustration includes optional equipment

### 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
  - 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 – 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
- Transport tie down group
- Vandalism protection

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### 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 pitch, hydraulic
- Radio group
- 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