

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 60 Years



65E TURBO Motor Grader



BIG GRADER FEATURES IN A SMALL PACKAGE

Operating Weight

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

Engine

Cummins QSB4.5 Tier 3	Caterpillar C4.4 Tier 3
4 Cycle, turbo diesel	4 Cycle, turbo diesel
4 cylinder	4 cylinder
275 cu. in.	269 cu. in.
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
- Interchangeable end bits



Full power shift transmission with torque converter



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

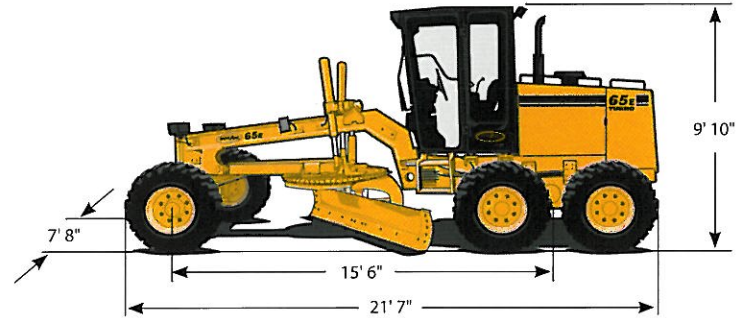


Illustration includes optional equipment

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

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



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