

**FIATALLIS MOTOR GRADER**

**FG55C TURBO**

**ARTICULATED**



© HORSEPOWER

75 kW/100 HP

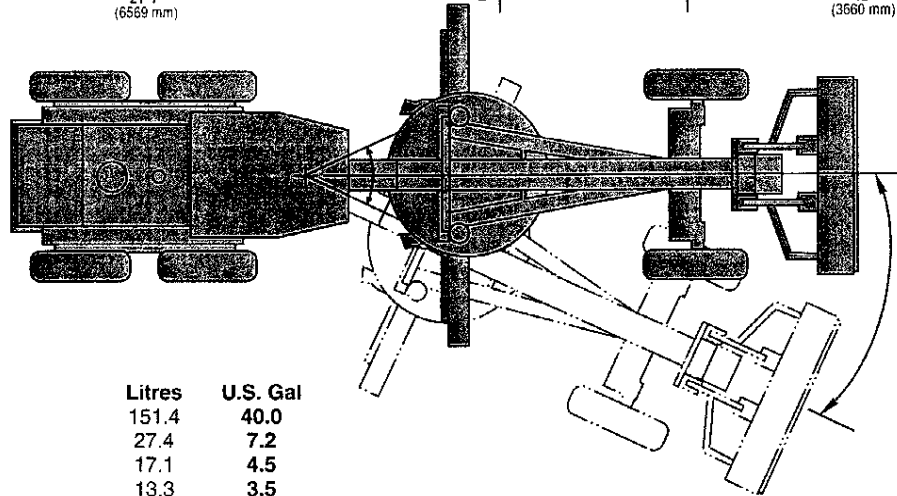
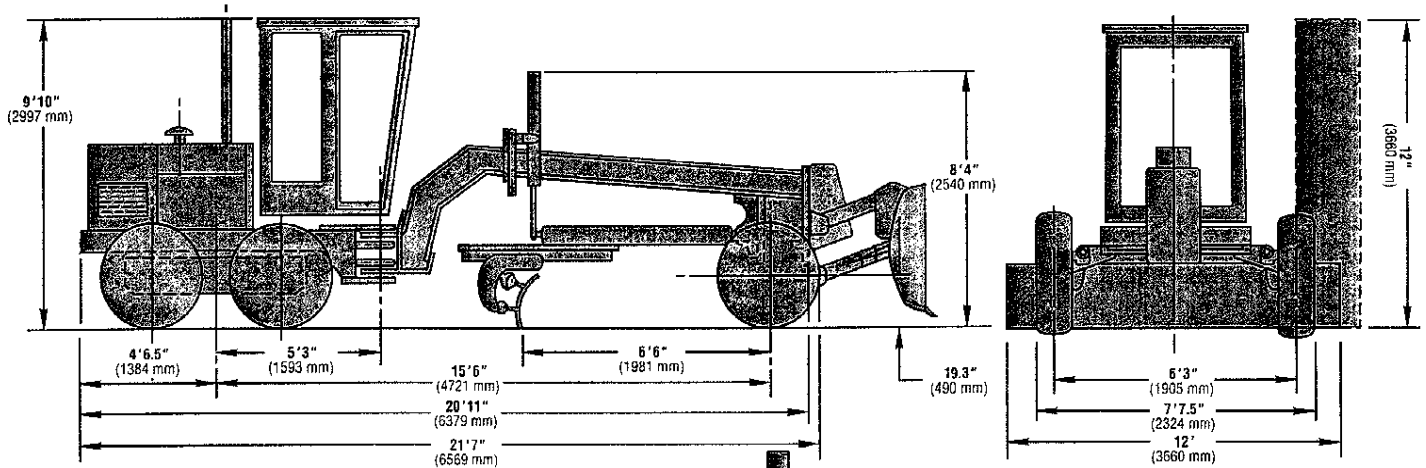
© OPERATING WEIGHT

7,614 kg/16,786 lb.





# FG65C Turbo Dimensions



25°



## CAPACITIES

	Litres	U.S. Gal
Fuel tank	151.4	40.0
Cooling system	27.4	7.2
Crankcase	17.1	4.5
Transmission system	13.3	3.5
Tandem case, each	11.4	3.0
Hydraulic system	60.8	16.0
Rear axle	20.9	5.5



## FILTRATION SYSTEMS

### ENGINE

- Lube oil .....1—Full flow 10 micron
- Fuel .....2—Full flow 10 micron  
Sediment bowl/screen
- Air cleaner .....Dry type with primary and secondary elements and automatic dust ejector

**TRANSMISSION—TORQUE CONVERTER—** .....1—Full flow 10 micron  
Full flow suction screen, magnetic plug

**HYDRAULIC AND STEERING** .....1—Full flow 25 micron  
Full flow suction screen, magnetic plug



## ATTACHMENTS

### SCARIFIER

- Type .....front mounted
- Weight .....330 kg **725 lb.**
- Width of swath .....1,040 mm **41"**
- Number of teeth, max .....9
- Lift above ground .....445 mm **17.5"**
- Penetration .....152 mm **6.0"**
- Down pressure .....1,920 kg **4,225 lb.**
- Machine length with scarifier .....7,026 mm **23'1"**

### DOZER BLADE

- Type .....front mounted
- Weight .....443 kg **975 lb.**
- Width x Height .....2,438 x 610 mm **96" x 24"**
- Lift above ground .....518 mm **20.4"**
- Penetration .....76.2 mm **3.0"**
- Machine length w/dozer blade .....6,873 mm **22'6"**



## HYDRAULIC SYSTEM AND BLADE CONTROLS

Full hydraulic operation of articulation, circle turn, circle lift, circle side shift, wheel lean, moldboard shift, plus provisions for 4 attachments.

Eight station stack type control valve

Pump .....gear type

Pump output .....58.6 liters/min. **15.5 gpm**

Operating pressure .....127.5 bar **1,850 psi**



## LIFTING MECHANISM

Type .....Hydraulic

Cylinders .....two double acting

Bore x stroke .....76 x 851 mm **3.0" x 33.5"**

Connection .....ball and socket, shim adjustable



## STEERING

Type .....hydrostatic, orbitrol

Pump .....gear type

Capacity at 2,100 rpm .....18.9 liters/min. **5.0 gpm**

Cylinders .....one double acting

bore x stroke .....63.5 x 198 mm **2.50" x 7.80"**

Wheel steer angle .....40° L&R

Hydraulically actuated articulation .....25° L&R

Cylinders .....2

bore x stroke .....76 x 276 mm **3.00" x 10.88"**

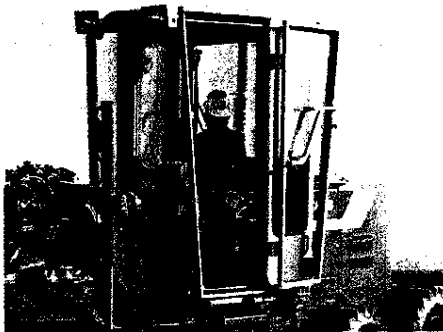
Minimum turning radius .....5715 mm **18'9"**

## FG65C Turbo Standard Equipment

- Accelerator/decelerator and hand throttle
- Air cleaner with primary and secondary elements, integral pre-cleaner and dust ejector
- Alternator—100 Amp.
- Antifreeze
- Back-up alarm
- Batteries, maintenance free
- Controls, hydraulic
  - Articulation
  - Circle shift
  - Circle turn
  - Moldboard lift/lower
  - Moldboard shift
  - Wheel lean
- Control console, adjustable
- Drawbar
- Engine side panels
- Fan, pusher with finger guard
- 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 taillights
- Master electrical switch
- Mechanical parking brake
- Muffler, horizontal under hood
- Moldboard—3660 mm 12' wide
- Moldboard pitch, manual
- ROPS Canopy with
  - Dome light
  - Floor mat
  - Glove box
  - Grab handles
  - Headliner
  - Inside mirror
  - Seat belt
  - Vinyl covered suspension seat
- Steps, front
- Tires—15.00 x 19.5 (8 PR) G2 tubeless
- Valve eight station
- Vandalism protection

## FG65C Turbo Optional Equipment

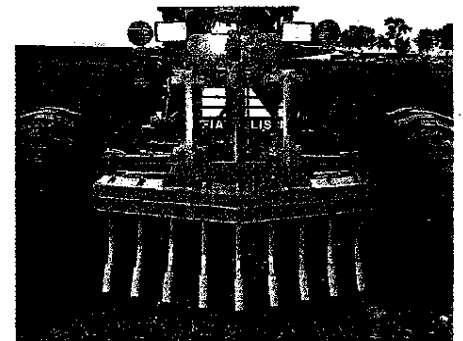
- 90° Bank slope saddle
- Cab
  - Cloth seat
  - Defroster
  - Dome light
  - Floor mat
  - Front/rear wipers and washers
  - Glove box
  - Heater
  - Inside mirror
  - Sound suppression
  - Tinted glass
- Cold weather starting aid (ether)
- Dozer, with skid plates
- Engine block heater
- Float control valve
- Floodlight grp.
  - Front - cab/canopy mounted (2)
  - Rear - cab/canopy mounted (2)
- Mirrors, rearview—external, (2)
- Moldboard, 3,050 mm 10' wide
- Moldboard extensions
- Moldboard pitch, hydraulic
- Scarifier—9 teeth
- Slow moving machine sign grp.
- Spare tire
- Special paint
- Strobe light grp.



Cab includes features listed above.



90° bank slope system increases versatility.



Front mounted 9 tooth scarifier.

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**ANDERSON MACHINERY CO**  
P. O. BOX 140916  
AUSTIN, TEXAS 78714