Model GT110
Aircraft Tow Tractor

With over 20 years of airline service, TUG’s Gator Series tractors are proven performers. The largest Gator tractor available, the GT-110, is the ideal tractor to handle pushback and towing requirements for all wide-body aircraft. Utilizing the newest manufacturing technology, choice of engine packages and a wealth of tractor-building experience, the GT-110 provides our customers with reliability and guarantees satisfaction. The combined efforts of TUG and other major OEMs have established the GT-110 as the tractor of choice for customers that want to lower engine noise levels, lower harmful emissions, improve fuel economy and eliminate heavy diesel smoke. The GT-110’s coordinated, track or crab steering can be selected to provide optimum maneuverability in tight places and ensure aircraft safety. Enhanced viewing to rear hitch is provided by the rear sight tunnel. All of these important needs are met while simultaneously providing up to 78,000 pounds of drawbar pull.

Standard features include:
- 3-Mode steering (coordinated, track, crab)
- Downshift inhibitor
- Out of neutral, parking brake "ON" alarm
- Upper-surface access steps
- Sealed-beam halogen headlights
- Backup lights
- Turn signals/side marker/emergency flashing lights
- Dual-view rearview mirrors
- Electric horn
- Racor-fuel separator
- Automatic lube system
- Engine glow plugs for cold-start aid
- Front and rear communication jacks
- Two removable jacking plate adapters
- Anti-skid matting on top of tractor
Specifications

Model GT110 Aircraft Tow Tractor

General
- Gross Vehicle Weight (gvw) - Maximum Drawbar Pull
  - At gvw 90,000 lb (40,924 kg) .............. 72,000 lb (32,659 kg)
  - At gvw 100,000 lb (45,360 kg) ............ 78,000 lb (35,380 kg)
  - At gvw 110,000 lb (49,895 kg) .......... 78,000 lb (35,380 kg)
  - At gvw 120,000 lb (54,432 kg) .......... 78,000 lb (35,380 kg)
- Hydraulic System
  - Engine-driven, providing hydraulic power for steering & braking
  - Capacity - 40 gpm (152 L/min) @ 2300 rpm
  - Type - Piston
  - Hydraulic Oil Tank - 30 U.S. gallons (113 L)

Brakes
- Service Brakes - Spring-applied, hydraulically released calipers on each axle pinion.
- Emergency Braking - Provided by 12VDC motor-driven hydraulic pump

Hitches
- Front and Rear - Standard
- Type - Cushioned, pin coupler
- Pin diameter - 2.5" (63.5 mm)
- Hitches include automatic pin retainers.

Engine - Certified Tier II
- Manufacturer - Deutz Model BF6M1013FC
- Horsepower@ Flywheel Speed - 299 hp (223 kW) @ 2300 rpm
- Maximum Torque - 1,177 ft lb @ 2000 rpm

Transmission
- Type - Torque Converter/Powershift
- Speeds - Four (4) forward; three (3) reverse

Axles
- Type (Front and Rear) - Planetary-drive and steering
- Tires - 16.00x25

Speed
- Forward 1st .......... 1.5 mph @ 32,000 lb dbp (2.4 km/h @ 14,515 kg)
  - 2nd .......... 3.0 mph @ 17,500 lb dbp (4.8 km/h @ 7,938 kg)
  - 3rd .......... 5.0 mph @ 11,000 lb dbp (8.05 km/h @ 4,990 kg)
  - 4th .......... 13.5 mph (21.7 km/h)
- Reverse - same as above, but without 4th gear.

Specifications are subject to change without notice. Models shown may include optional features.

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