

# TUG TECHNOLOGIES

## Providing Ground Support Solutions Worldwide



Model shown above includes additional options.

## Model MR-8 Cargo and Aircraft Tow Tractor

The low profile of this tow tractor ensures greater visibility in all directions for safe operation. New for 2009, the MR-8 provides drawbar pull of 8,000 pounds (3,328 kg) and is powered by a Tier III/ Tier IV interim diesel engine that operates on diesel or Jet 1-A equivalent fuels. Other features include four-wheel suspension and disc brakes, power steering and uni-body frame construction. An enclosed cabin and hitch options are also available.

**Equipment Sales**  
Tel: (770) 422-7230  
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**Parts Sales**  
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### *Standard features include:*

- Four-wheel suspension—leaf springs on front axle, coil springs and shock absorbers on rear
- Power boosted four-wheel disc brakes, rear wet disc
- Split braking systems
- Power steering
- Automatic transmission
- Color coded and numbered plug & play wire harness
- Emergency shutdown button
- Recessed headlights
- Single piece front wheels with tubeless tires
- Seat belts
- Turn Signals
- LED tail lights
- Hitch Light



*If it doesn't say TUG, it's not TUG TUFF*

## Specifications

## Model MR-8

## Cargo and Aircraft Tow Tractor

### Dimensions

Length excluding coupler ..... 116" (2946 mm)  
Width ..... 70" (1778 mm)  
Height less cab ..... 60" (1524 mm)  
Height with cab ..... 79" (2006 mm)  
Wheelbase ..... 69" (1753 mm)  
Minimum ground clearance ..... 5.75" (146 mm)  
Turning radius ..... 155" (3937 mm)  
Maximum governed speed .. 15 mph (24.14 kph)

### Drawbar Pull

Drawbar Pull 8,000 lb (3628 kg)

### Gross Vehicle Weight

With cab— 10,000 lb (4,535 kg)  
Without cab— 9,400 lb (4,263 kg)

### Engine

#### Kubota V3600-E3B Tier III/ Interim Tier IV

Type ..... Vertical 4-cycle water cooled, 4 Cylinder  
Fuel ..... Diesel  
Displacement ..... 220.9 CID (3.6 L)  
Governed rpm with full load ..... 2600  
Net brake hp at governed rpm ..... 66.8 (49.8 kW)  
Torque at 1700 rpm ..... 162 lb ft (220Nm)

### Transmission

Type ..... Industrial 3-speed automatic transmission with torque converter

### Drive Axle

Type Heavy duty 12,000-lb (5443 kg) capacity axle with drop box

### Drive Shaft

Type ..... Double-universal, sliding spline coupling

### Electrical System

Type ..... 12 V, negative ground  
Alternator ..... 91 A

### Cooling System

Engine ..... 2.25 gal (8.51 L)  
50/50 Ethylene-Glycol mixture  
Transmission ..... Separate cooler  
In front of radiator

### Fuel System

Fuel Cell Capacity ..... 18.4 U.S. gal (69.7 L)  
Construction ..... Stainless steel

### Brakes

Service ..... 4-wheel disc with hydraulic power assist and dual master cylinder  
Front—Dry Disc  
Rear—Wet Disc  
Parking ..... Lever-operated drum type

### Steering System

Type ..... Hydrostatic Power steering

### Suspension

Front ..... Leaf springs  
Rear ..... Coil springs with shock absorbers

### Tires

Front ..... 185R14  
Rear ..... 9.50 X 16.5 (10ply)

### Hitch

Standard E-hitch ..... Other options available

### Instruments

Coolant temperature, oil pressure, voltmeter, hour meter and fuel gauge

### Options Available

Cab  
Backup alarm  
Additional hitches to fit customer specifications  
Additional tie-down points



#### Equipment Sales

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#### TUG Genuine Parts

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