

# ***Aircraft Support Equipment***



## **Standard features include:**

- Recessed headlights
- Combination tail and stop lights
- Dual disc brakes with independent split systems
- Automatic transmission
- Seat belts
- Non slip surface on floor boards
- Non slip surface on brake pedal
- Power steering
- Lighted transmission shift control
- Labeled controls
- Front, rear & side reflectors

## ***Aircraft Tow Tractor Model MC Pushback***

MC series: Diesel powered pushback tractor with 13,000 to 22,000 pounds (5,896 to 9,988 kg) drawbar pull to provide strong handling for narrow-body aircraft. The unit is fitted with four-wheel drive, disc brakes, power steering and automatic transmission which allows

it to go forward or reverse with the same drawbar pull. Middle-of-tractor seating provides excellent visibility for operating in both directions. An enclosed cabin and other options are available.

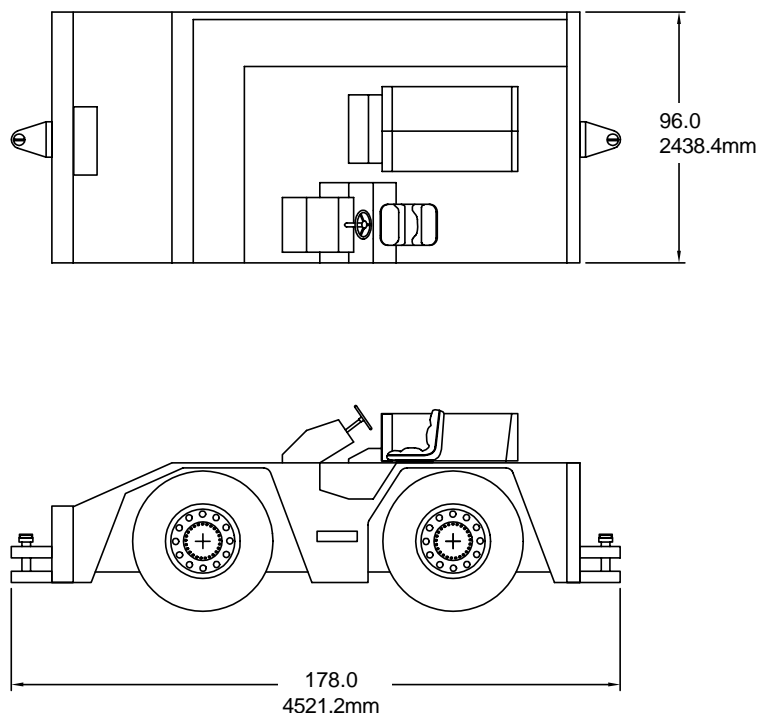
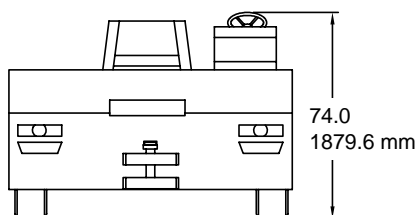
### **Stewart & Stevenson Tug**

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TUG Shop:  
(800) 989-8499 • (770) 422-8021

<http://www.sstug.com>



**TUG**<sup>™</sup>



## Specifications

## Model MC Pushback

### Dimensions

Length excluding coupler	148" (3759.2 mm)
Width	96" (2438.4 mm)
Height less cab	83" (2108.2 mm)
Height with cab	96" (2438.4 mm)
Wheelbase	79" (2006.6 mm)
Turning radius	276" (7010.4 mm)
Minimum ground clearance	10" (254 mm)

### Drawbar Pull by Model

Model	Drawbar Pull	GVW
MC13	13000 lb (5896.8 kg)	16250 lb (7370.9 kg)
MC15	15000 lb (6810.0 kg)	18750 lb (8504.9 kg)
MC18	18000 lb (8172.0 kg)	22500 lb (10205.8 kg)
MC22	22000 lb (9988.0 kg)	27500 lb (12473.8 kg)

### Engine

#### Perkins 1004 Diesel

Type	In-line, 4 cylinder
Fuel	Jet A or equal diesel
Displacement	243 CID – 4 liter
Governed rpm	2500
Net brake hp at governed rpm	86
Torque at 1600 rpm	206 lb ft (279 Nm)
Compression ratio	16.5:1
Idle speed rpm	850

### Transmission

Type	Heavy duty, 3 speeds forward, 3 speeds reverse
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### Drive Axle

Type	Dana 1300 drive steer and drive rear
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### Suspension

Type	Solid mount
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### Electrical System

Type	12 V, negative ground
Alternator	60 A

### Steering System

Type	Orbitrol-operated hydraulic cylinder (hydrostatic steering)
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### Brakes

Service	4-wheel hydraulic-boosted power disc brakes
Parking	Lever-activated disc type

### Tires

Front	11 x 20, 12 ply
Rear	11 x 20, 12 ply

### Hitch

Type	2 1/4" pin-type front and rear
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### Seat

Adjustable bucket seat
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### Instruments

Ammeter
Hour meter
Water temperature gauge
Oil pressure gauge
Fuel gauge

### Options

Driver side cab
Overhead guard
Couplers
Back-up alarm
Other special options available upon request



Standard hitch, front and rear

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