Model MC
Aircraft Tow Tractor

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.

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
Specifications

Model MC Aircraft Tow Tractor

Dimensions
Length excluding coupler .......... 148" (3759.2 mm)
Width ........................................... 96" (2438.4 mm)
Height less cab .............................. 74" (1879.6 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Drawbar Pull</th>
<th>GVW</th>
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<tbody>
<tr>
<td>MC13</td>
<td>13,000lb (5896.8 kg)</td>
<td>16250lb (7370.9 kg)</td>
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<tr>
<td>MC18</td>
<td>18,000lb (8172.0 kg)</td>
<td>22500lb (10205.8 kg)</td>
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<tr>
<td>MC20</td>
<td>20,000 lb (9071.8 kg)</td>
<td>25000 lb (11339.8 kg)</td>
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<tr>
<td>MC22</td>
<td>22,000 lb (9988.0 kg)</td>
<td>27500 lb (12473.8 kg)</td>
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Engine
Perkins 1104C-44 Diesel
Type .................. Water-cooled, direct injected, in-line, 4 cylinder
Fuel .................. Diesel or Jet A (with additive)
Displacement ........ 269 CID (4.4 L)
Governed rpm with full load .......... 2400
Net brake hp at governed rpm .... 86 (64kW)
Torque at 1400 rpm .......... 222 lb ft (302 Nm)

Transmission
Type ............... Heavy duty, 3 speeds forward, 3 speeds reverse

Drive Axle
Type .................. Dana 1300 drive steer and drive rear

Suspension
Type .................. Solid mount

Electrical System
Type .................. 12 V, negative ground
Alternator ................. 100A

Steering System
Type .................. Orbitrol-operated hydraulic cylinder (hydrostatic steering)

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

Tires
Front .................. 11.00x20, 12 ply
Rear .................. 11.00x20, 12 ply

Hitch
Type .................. 21/4" pin-type front and rear

Seat
Adjustable bucket seat

Instruments
Ammeter
Hour meter
Water temperature gauge
Oil pressure gauge
Fuel gauge

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

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