



## Our most powerful pushback.

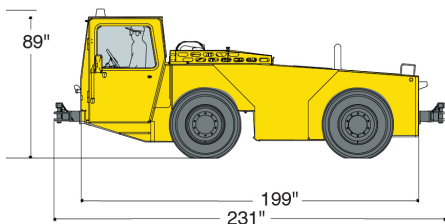
The M400 has a drawbar rating from 25,000 to 48,000 pounds (11,340 – 21,772 kilograms). It is available as dual certified Stage V, Tier 4 Final, as well as Tier 3 export capable. It is a four wheel drive, four wheel steering diesel powered workhorse.

Substantive power and agility for demanding aviation or industrial applications.

The all weather cab features heat and defrost as well as optional air conditioning. The Funk PowerShift transmission drives six forward and three reverse speeds. Dual planetary reduction drive axles insure maximum power and traction to all four wheels.

**Push back capable:** 737, 757, 767, A320, A321, A300

Customized configurations for every application are available.



*Photos and illustrations may show optional equipment.*

### Features:

- ✓ 25,000 to 48,000 pounds (11,340 – 21,772 kilograms) drawbar rating
- ✓ Stage V, Tier 4 Final and Tier 3 diesel engine packages
- ✓ Factory new automatic transmission
- ✓ Four wheel: drive, steering and internal wet disc brakes
- ✓ Heavy duty one piece welded steel frame
- ✓ LED lighting
- ✓ Safety
  - Back up alarm
  - Horn
  - Anti-restart ignition switch
  - Engine safety shutdown (low oil pressure, high temperature)

# M400 Push Back Tow Tractor

|                              | IMPERIAL   | METRIC    |                              | IMPERIAL | METRIC   |
|------------------------------|------------|-----------|------------------------------|----------|----------|
| <b>Drawbar pull capacity</b> |            |           | <b>Dimensions &amp; data</b> |          |          |
| Model 400-25K                | 25,000 lbs | 11,339 kg | Length                       | 231 in   | 5,867 mm |
| Model 400-32K                | 32,000 lbs | 14,514 kg | Width                        | 102 in   | 2,591 mm |
| Model 400-42K                | 42,000 lbs | 19,050 kg | Height (including beacon)    | 89 in    | 2,260 mm |
| Model 400-48K                | 48,000 lbs | 21,772 kg | Ground Clearance (less axle) | 8 in     | 203 mm   |
| <b>Gross vehicle weight</b>  |            |           | Speed (forward)              | 16 mph   | 26 km/h  |
| Model 400-25K                | 31,250 lbs | 14,174 kg | Speed (reverse)              | 5 mph    | 8 km/h   |
| Model 400-32K                | 40,000 lbs | 18,143 kg |                              |          |          |
| Model 400-42K                | 53,000 lbs | 24,040 kg |                              |          |          |
| Model 400-48K                | 60,000 lbs | 27,215 kg |                              |          |          |

## Drive System

### Engine options

- Cummins QSB6.7 (Stage V and Tier 4 Final)
- Cummins QSB6.7L (Tier 3, export only)

### Cooling system

- Full size liquid cooled radiator

### Transmission

- Factory new Funk PowerShift automatic transmission with remote cooler

### Axles

- Front and Rear:** NAF planetary gear steer axles
- Rear axle is trunnion mounted to frame to allow tractor to negotiate obstructions

### Tires

- Front:** 385/65R22.5
- Rear:** 385/65R22.5

## Systems

### Chassis

- Heavy duty one piece welded steel frame

### Steering

- Four wheel power assisted

- Operator selected:** Two wheel, coordinated four and crab four wheel steering

### Braking

- Four wheel, power assisted internal wet disc

- Parking:** Disc

### Instrumentation

- LED digital display with diagnostics (CAN J1939)
- Coolant temperature
- Engine speed
- Oil pressure
- Battery voltage
- Fuel level
- Engine hours
- Engine alarm/fault lamps
- Transmission temperature warning
- Transmission temperature gauge
- Speedometer

### Lighting (LED)

- Headlights with high and low beam
- Taillights
- Brake
- Turn signals
- Worklight

### Electrical

- 12V
- Maintenance free battery
- 95 amp minimum alternator

## Configurations

### Standard

- Cab, All weather with heat and defrost
- Full suspension driver and passenger seats with retractable seat belt
- Front and rear hitches
- Engine safety shutdown (low oil pressure, high temperature)
- 34 gallon (128.7 liter) minimum fuel tank
- Back up alarm
- Anti-restart ignition switch
- Zinc rich primer and white or safety yellow polyurethane top coat

### Optional

- Air conditioning
- Hitch view and/or back up camera with LCD dash monitor
- Mirror kit(s):**
  - Left and right side mirrors
  - Hitch mirror(s)
- Trailer air brakes
- Spot or work lights
- LED amber beacon light
- Third seat
- Master disconnect switch
- Auto-lube system
- Keyed ignition system
- License plate bracket
- Fire extinguisher(s)
- Spare tire assemblies
- Heavy duty winterization package to -40F
- Custom paint color
- Consult factory for additional specialized configurations

**Note:** Dimensions may change slightly with individual engine packages. Specifications subject to change without notice.