



# B400 Aircraft Tow Tractor

The B400 aircraft pushback tractor with 4 wheel drive has the capability of handling all narrow body aircraft from RJs up to the B757 and A310 even under adverse ramp conditions. The compact and low profile B400 can safely tow and push out aircraft in tight operating areas.

The B400 delivers a lower Total Cost of Ownership with a notch back design and sloped fenders providing excellent operator visibility, a tight turning radius resulting in exceptional maneuverability, low maintenance driveline components and a simple, but robust design for extended useful life.





## B400 Standard Features

### Operating Performance

Draw Bar Pull (standard)	89 kN (20,000 lbf)
Draw Bar Pull (optional max)	133 kN (30,000 lbf)
Drive Speed (forward without load)	26 km/hr (16 mph)
Drive Speed (reverse without load)	16 km/hr (10 mph)
Turning Radius (outside – 2WS)	6.09 m (20 ft)
Turning Radius (outside – 4WS)	4.27 m (14 ft)

### Weight and Dimensions

Gross Vehicle Weight (standard)	13,608 kg (30,000 lb)
Gross Vehicle Weight (optional max)	18,144 kg (40,000 lb)
Length (without couplers)	4.59 m (181 in)
Width	2.29 m (90 in)
Height (to fender)	1.30 m (51 in)
Height (to hood)	1.55 m (61 in)
Height (with cab)	1.98 m (78 in)
Wheelbase	2.03 m (80 in)
Ground Clearance (to frame)	229 mm (9 in)

### Engine

Deutz (TCD 2012L04-2V) - 75 kW (100 hp), COM/Tier 3

### Transmission

Funk 2000 Power Shift with Torque Converter/Interaxle Differential  
Funk Shifter - 6 Speeds Forward /3 Speeds Reverse

### Axles

Dana 213 - 4 Wheel Drive  
2 Wheel Steering  
Rigid Mounted, Rear Axle with 4 Degree Roll

### Operator's Cab

Cab with Doors, Front Wipers, Interior Lights  
Wipers and Washers - 2 Front, 1 Rear, 1 OH Window  
Heater/Defroster - Front, Defroster - Rear  
Mirrors - Interior, LHS, RHS, Rear Coupler  
Fan - Swivel Vent  
Visors (2) - Inside Cab  
Seats (2) - Adjustable, Non-suspension with Retracting Belts

### Tires

12R22.5 BFG Radials

### Brakes

Service: 4 Wheel, Wet Disk Hydraulic Powered  
Back Up: Accumulator  
Parking Brake: Spring Applied with Hydraulic Release  
Manual Emergency Park Brake Release Pump

### Electrical

24-Volt DC  
Head Lights, Tail Lights, Reverse Lights, Turn Signals  
Electrical Control Panel Mounted in Cab  
Battery - 2 x 12V 625 CCA

### Towing Couplers

2 Level with 63.5 mm (2.5 in) Pin - Front/Rear  
Standard Height - 406 mm (16 in)

### Paint

Exterior - One Color Polyurethane  
Hitch - Red

## Options

### Ballast

Kit to Increase Gross Vehicle Weight and Draw Bar Pull  
GVW of 15,876 kg (35,000 lb) / DBP - 107 kN (24,000 lbf)  
GVW of 18,144 kg (40,000 lb) / DBP - 133 kN (30,000 lbf)

### Requirement Packages

PONYA Requirement Package  
CE Requirement Package

### 4-Wheel Steer

4 Wheel Coordinated and Crab Steering

### Operator's Cab

Open cab  
Sound Insulation  
Driver and Passenger Suspension Seats

### Instrumentation

Intercom Jacks, Cable, Plugs Front/Rear  
Intercom with Power Box  
Ignition Switch - Keyed  
12 V Power Supply for Radio

### Winterization

Multiple Winterization Package Options

### Fire Extinguishers

Various Fire Extinguisher Options

### Towing Couplers

Multiple Coupler Options – Front and Rear

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