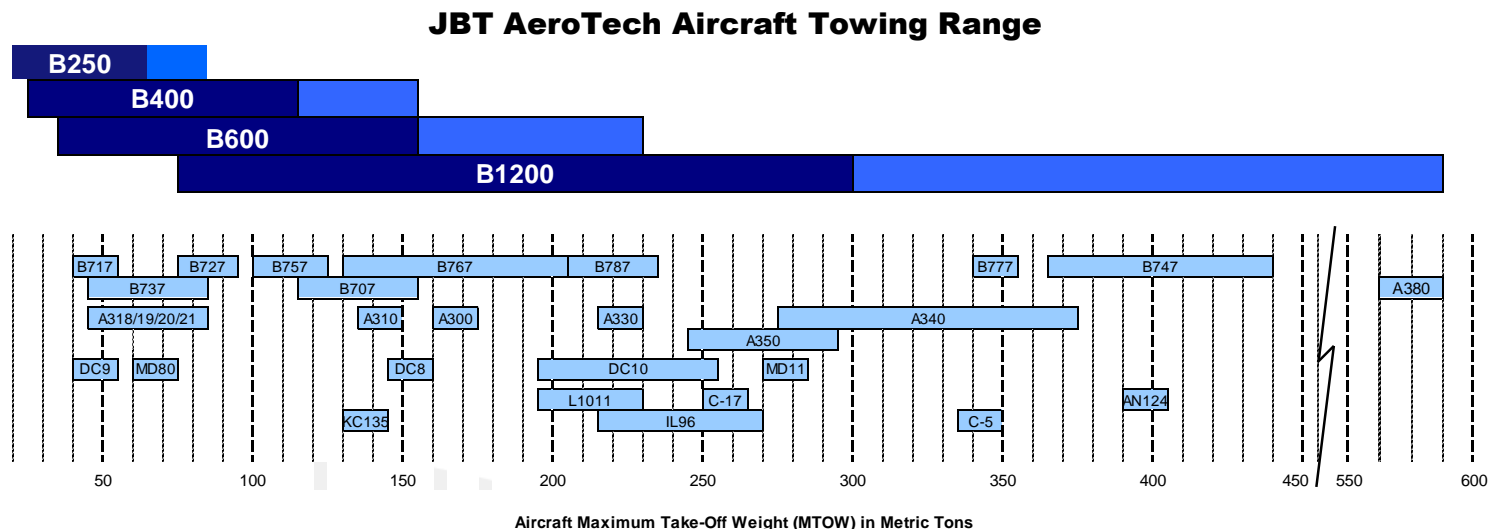


B250 Push Back Tractor



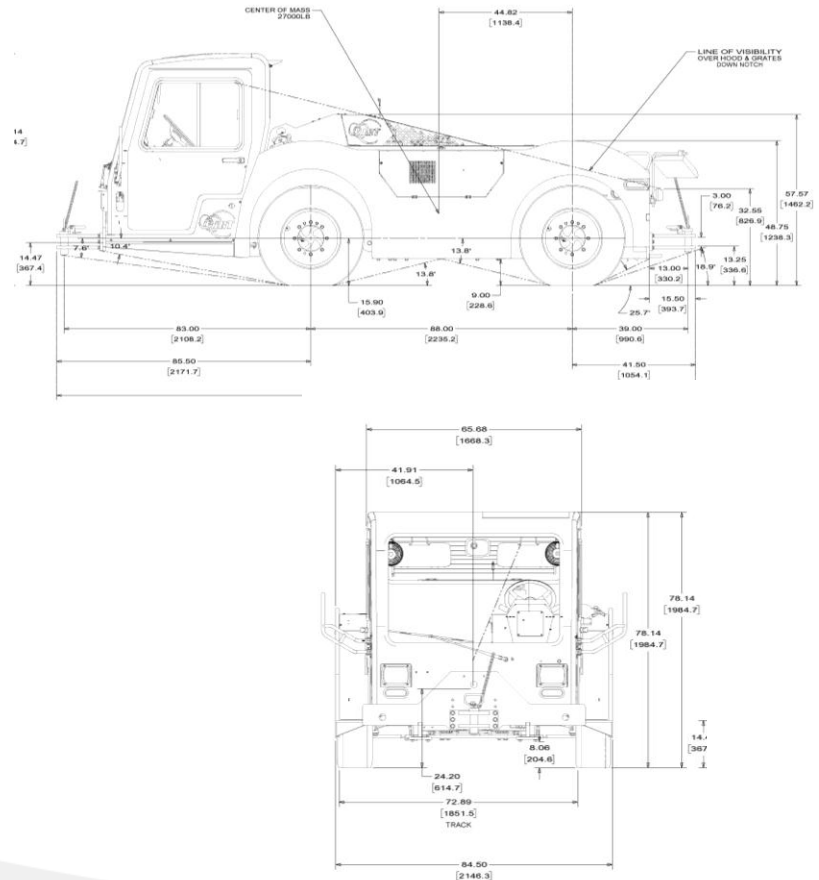
JBT AeroTech is a Major Supplier of Push Back Tractors

- Sold over 1,600 around the Globe Since 1994
- Offer Four Models: B250, B400, B600, B1200
- Handle Aircraft Types Ranging from RJ's up to the A380



Dimensions

- **Length:** 5.46 m (215 in)
- **Width:** 2.15 m (84.5 in)
- **Wheelbase:** 2.24 m (88 in)
- **Height (w/cab):** 1.98 m (78 in)
 (no cab): 1.46 m (57.5 in)
- **Track:** 1.85 m (73 in)
- **Ground Clearance:** 22.9 cm (9 in)

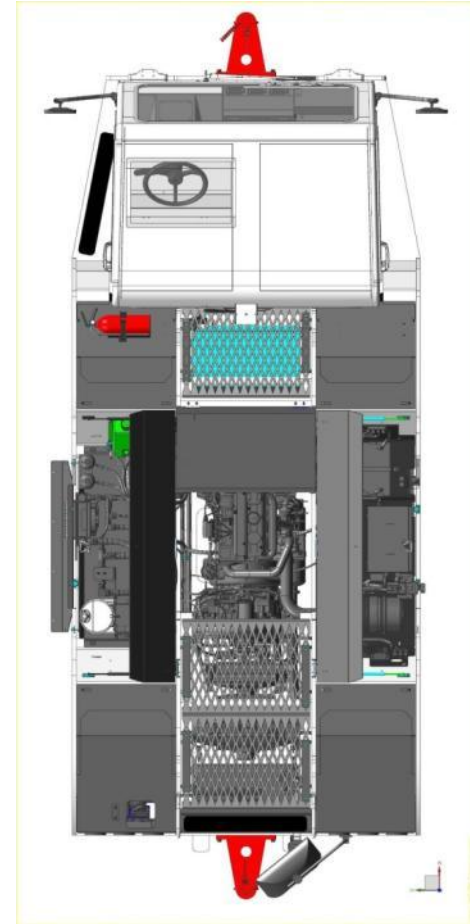


Operating Performance

- **Gross Vehicle Weight (Std): 7,711 kg (17,000 lb)**
 - **Draw Bar Pull: 60 kN (13,000 lbf)**
- **Gross Vehicle Weight (Max/Optional): 13,608 kg (30,000 lb)**
 - **Draw Bar Pull: 98 kN (22,000 lbf)**
- **Drive Speed, Forward (No Load): 27 km/hr (17 mph)**
- **Drive Speed, Reverse (No Load): 16 km/hr (10 mph)**
- **Turning Radius (2 Wheel Steer): 5.59 m (18 ft - 4 in)**
(Optional – 4 Wheel Steer): 4.01 m (13 ft - 2 in)
- **Aircraft Serviced: Regional Jets, A320/B737 Families**

Designed with 3-D Solid Modeling

- Assists Engineers in making sure all Components will Fit Prior to Manufacturing
- Ideal for New Options



Heavy Steel Rigid Weldment Construction

- **Welded in Dedicated Fixtures**
- **Thick Outer Body Construction**
- **Protects Components**
- **Provides Long, Durable Life**



Weight Ranges from 7,711 kg (17,000 lb) to 13,608 kg (30,000 lb)

- **Removable Ballast Weights**
 - **Four ballast packages available:**
 - 7,711 kg (17,000 lb) GVW/60 kN (13,500 lbf) DBP**
 - 9,979 kg (22,000 lb) GVW/78 kN (17,500 lbf) DBP**
 - 12,247 kg (27,000 lb) GVW/98 kN (22,000 lbf) DBP**
 - 13,608 kg (30,000 lb) GVW/98 kN (30,000 lbf) DBP**
- **Capable of Handling all RJ's – A320/B737 Families in all Weather Conditions**
- **Additional Weight can be Added Later if Aircraft Requirements Change**
 - **Ballast box located below RH and LH service compartments**

Designed with Safety in Mind

- **Notched-back Design Offers Optimal Rear Visibility**
- **Sloped Rear Fenders Provide Increased Rear Peripheral Vision**
- **Rear Access Step and Handrails for Engine Access**
- **Anti-Skid Deck Walking Surface < 1.2 m (4 ft) High**



Choice of 3 Engines

Standard:

- **Perkins (Caterpillar) 1104D-44T**
 - 68 kW (91 hp)
 - EU Stage 3A/Tier 3 Compliant



Optional:

- **Deutz TD 3.6 L4**
 - 55 kW (74 hp)
 - EU Stage 3A/Tier 3 Compliant
- **Deutz TD 3.6 L4**
 - 55 kW (74 hp)
 - EU Stage 4/Tier 4 Compliant



Industry Proven Transmission

- **Dana T12000 Power Shift**
 - Torque converter/interaxle disconnect
 - Dual mode automatic/manual
 - Column mounted shifter
 - 4 speeds forward/3 speeds reverse



Industry Proven Axles

- **Front Axle: Dana 212 Steer**
 - Leaf spring suspension
- **Rear Axle: Dana 112**
 - Rigid mounted
- **4 Wheel Drive**
 - Automatically shifts to 2 Wheel Drive when drive speed >16 km/hr (10 mph)
 - Reduces tire wear
- **2 Wheel Steering**
 - 4 Wheel/Crab Steering available as an option



Easy Access to Major Components

- **Hinged Side Panels Provide Ergonomically-friendly Ground Access to Hydraulic and Electrical Service Compartments**
 - Left hand side hydraulic compartment contains fluid tank, filter, cooling fan, accumulators
 - Right hand side electrical compartment contains batteries, control box, ECU



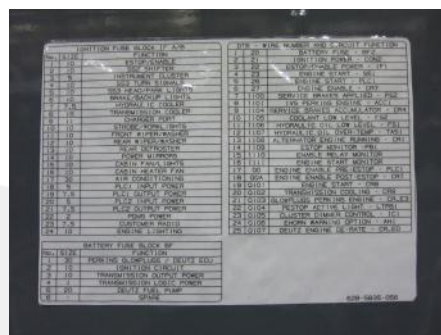
Easy Access to Major Components

- Oversized Engine Hatch Provides Complete Access to Engine



Advanced Diagnostic Systems

- Cab Gauge System with Enhanced Diagnostics
 - Pop-up error messages
- Electrical Box with PLC Controlled Diagnostic Terminal Blocks and Status LED's
 - Easy to trouble shoot problems with blown fuses and illuminated LED's
 - Placard in compartment identifies all fuse and LED functions



Operator Compartment Provides Comfort and Safety

- **Ergonomically Designed Operator's Cab Area**
 - Smooth ride with cab mounted on isolators and front leaf spring suspension
- **Ample Space for Third (Optional) Passenger Seat**
- **Angled Dashboard Prevents Glare**
- **Weather Proof Gauges and Switches**
 - Rocker-type switches
- **Low Profile Dashboard for Optimal Front Visibility from the Driver's Seat**



Simple, Easy to Use Operator Controls

- Column Mounted Shifter and Turn Signals
- Foot Actuated Parking Brake with Pull Handle Release
- Modern Gauge Module
 - Speedometer, fuel level, transmission temperature, fuel level
 - 20 telltale indicators
 - Pop-up error messages
- USB Charging Port for Mobile Devices



Exterior Body Features

- **Single Tier Towing Couplers**
 - 63.5 mm (2.5 in) Pin
 - Adjustable Heights
 - Mounted Front and Rear
 - Pin Lock, Chain and Stowage Slot
- **Dedicated Tie-down Slots Built into Body**
 - Front and Rear
- **Built-in Lifting Eyes**



Standard Safety Features Reduce Accidents/Injuries

- **Park Brake Inhibit**
 - Prevents operator from putting tractor into gear when parking brake is set
- **Accumulator Back-up for Braking System**
 - Gives operator ample braking to safely stop tractor if engine stops
- **Low Brake Pressure Warning Light**
 - Illuminates when brake pressure is low
- **Retractable Seat Belts**
 - Keeps operator/passenger in their seats in the event of a sudden stop/collision
- **Rear Pintle Mirror**
 - Provides safe pintle hook-up/removal



Enclosed Cab (Optional) Offers Optimal Visibility and Comfort

- Expanded Windshield, Side Windows, Rear Window and Overhead Window Minimize “Blind Spots”
- Heater with Front Window Defroster
- Swivel Mount Ventilation Fan
- Two Sun Visors
- Interior and External Mirrors
- Interior Lights
- Adjustable Operator/Passenger Seats



Popular Options

- **4 Wheel/Crab Steer**
- **Electronic Gauge Display**
 - Engine and transmission gauges
- **2nd Passenger Seating**
 - Seating for 3 crew members
- **Intercom Jacks**
- **Amber Beacon**
- **Engine/Side Compartments Lighting**
- **Pintle Lights**
- **Battery Disconnect**
- **Winterization**
- **Fire Extinguisher**
- **Air Conditioning**
- **Rear Window Grid Heater**
- **Cab Insulation**
- **CE Compliance**

The B250 Delivers a Lower Total Cost of Ownership (TCO) by Providing the following Features:

- **Safety – Excellent visibility and emergency braking systems**
- **Efficiency – Modern, fuel efficient engines, reduced tire wear**
- **Maintenance – Easy access to major components and service areas**
- **Reliability – High quality drive train and components**
- **Durability – Components protected by heavy steel frame**



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