

The Fortbrand logo, featuring a stylized red 'F' icon followed by the word 'FORTBRAND' in a bold, red, sans-serif font.

Alamo MPC-750

MODULAR AIRFIELD WINTER OPS PLATFORM

The Alamo MPC-750 Multi-Platform Chassis—an airfield winter operations platform designed for fast changeovers between blower, broom, and plow configurations.

The Fortbrand logo, featuring a stylized red 'F' icon followed by the word 'FORTBRAND' in a bold, red, sans-serif font.

50 Fairchild Court Plainview, NY 11803
t.516-576-3200
www.fortbrand.com



True Multi-Platform Design: One chassis supports multiple use platforms

Designed around a modular architecture for plow, broom, blower, and tow-behind configurations, the MPC-750 minimizes downtime between weather events and changing surface conditions.

With aggressive 4-wheel steering for tight maneuverability, hydrostatic drive for controllability, and a simplified service philosophy, the MPC-750 is positioned as a high-uptime, high-flexibility solution for modern airfield operations.

APPLICATIONS

Runway Snow Removal: High-horsepower platform built to support dedicated blower operations during heavy events.

Rapid Response: Swap from blower to broom quickly as conditions shift from accumulation to cleanup and friction recovery.

Taxiways & Aprons: Tight turning radius supports efficient operation in constrained or complex pavement areas.

Maintenance & Uptime Optimization: Designed for fast servicing and simplified parts replacement to keep units working during peak storms.

“Maximize uptime by running multiple front-end systems from one chassis.”

FEATURES

High-Speed Platform: Travel speed up to 45 mph, with working speeds up to 40 mph for efficient route coverage

Modular Attachment Capability: Front and rear quick-attach hitch with hydraulic + electrical quick disconnects and auto-sensing attachment identification

Four Steering Modes: Front steer, coordinated steer (tight turning), joystick steer, and crab steering for airfield maneuverability.

Hydrostatic Transmission: Independent front and rear axle circuits with dedicated pumps/motors for controlled power delivery.

Operator Interface Built for Winter Ops: 12.1” touchscreen display with chassis data, steering/drivetrain status, and dedicated space for attachment controls and diagnostics.

High-capacity snow blower, front-mount broom, and air-blast

Chassis Performance & Dimensions

Travel Speed: 45 mph
Working Speed: Up to 40 mph
Overall Width: 102" | Height: 153" | Length: 420"
Operating Weight: 37,000 lbs (option dependent); ~50,000 lbs with snow blower head

Engine

Cat C18 | 772 hp @ 1800 rpm | 2,582 ft-lb @ 1400 rpm | 18.1L | Inline 6
Emissions: Tier 4F / Stage V

Steering Modes

Front Steering | Coordinated | Joystick Steer | Cab Steering

Quick Attach Hitch (Front & Rear)

16,000 lb hitch capacity | 20" vertical travel | 30° coupler tilt
Hydraulic lock pins + transport locks + weight transfer system

Fuel

Dual 140-gallon tanks (280 gallons total)

Attachment Options

Snow Blower Attachment

Certified Tonnage: 5,200 TPH
Casting Distance: Variable control 100–150 ft
Max Operating Speed: 35 mph
Clearing Width: 110" | Cutting Height: 66"
Impeller Diameter: 60" | Ribbon Diameter: 52"
Chute Rotation: 240° (folding 3-section design)

Air Blast Attachment

17,000 CFM at 275 mph
Dual fan | fold-down ducts | reversible nozzle (left/right)

Front Mount Broom Attachment

Max Operating Speed: 40 mph
Broom Width Options: 18', 20', or 22'
Max Broom Speed: 500 rpm | Max Torque: 5,000 ft-lbs
Max Sweeping Angle: 45°

