



# Airport Snow Removal Products

## Model 4600-DWP Dual Wing Plow Runway Broom



### PLOWS

- Dual 5020-S poly moldboard plows on each side. 50" high x 20' long, fully retractable with lift and stow
- 48 Feet total clearing width with both plows extended. 24' each side
- All types cutting edges possible

### BROOM

- **Multiple front mount attachments possible**
  - **Dedicated broom: 4600-FMD-HP3**
  - **Dual purpose broom / plow: 4600-DP-HP3**
  - **Multi purpose broom / plow / snow blower: 4600-MP-HP (Shown)**
- 46" diameter @ 18, 20, and 22 foot broom lengths
- Dual impeller forced air blower: 22,800 CFM @ 450 MPH
- Hydrostatic drive, infinitely variable speed pumps and fixed displacement motors for broom head and air blower
- True free floating weight transfer broom head hitch for improved tractive effort, braking, steerability and overall handling of the broom chassis
- Dual swing arms with four pivot points which ensure the weight and location of the broom head remains approximately on the carrier vehicle center line regardless of the position of the broom head
- Power transmitted to the broom core via gearboxes utilizing keyed tapered hubs to prevent any looseness in the connection for vibration concerns. Molded urethane drive cogs for torque transmission. Hardened steel pilot plates and core sprockets to support the radial loads
- Integrated user friendly MDC controls in chassis for plow and broom
  - Microprocessor CAN (Controller Area Network) serial bus system with color screen display
  - Flexible and versatile with ability to Monitor, Diagnose (Diagnostics), and Control
- Entire broom head vibration analyzed as final QA with report on vibration spectra (FFT plot)
- Integrated controls in chassis for plow and broom for operator friendliness.



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In the interest of continuous product improvement, M-B Reserves the right to change specifications without notice.