



# Airport Snow Removal Products

## 4600-HP4

### Airport Broom Package



Shown on MB5 Mid-Mount Broom: Air blowers on broom head and non-adjustable deflector

Vertical raising caster struts



Deflector low

Shown on Front Mount Broom: No air blowers on broom head but with adjustable deflector

Deflector raised

#### Broom portion only. Does not include chassis

- Integrally mounted on multiple chassis configurations of adequate size, axle and horsepower ratings.
  - Retrofittable to existing chassis
- DIN type hitch for positive broom-to-chassis connection. J-hook hitch also available.
- Front Mount Dedicated (FMD) broom only or Dual Purpose (DP) broom and plow configurations available
  - Optional types of quick disconnect hydraulic hose connections for DP configuration available
- 46" diameter @ 16, 18, 20, and 22 foot broom lengths...Up to 18.0 foot swept path
- Caterpillar C13, 475 HP, electronic turbocharged industrial diesel engine, 12.5 liter, EPA emission certified
- 500 rpm broom with 4828 ft-lbs of available torque at the broom shaft at 5075 psi maximum working pressure
- Optional: Caterpillar C11, 385 HP, electronic turbocharged industrial diesel engine
  - 477 rpm broom with 2656 ft-lbs of available torque at the broom shaft at 5075 psi
- Operator friendly, cab portable operator's control box, microprocessor CAN bus controls with MDC (Monitor, Diagnose, Control) color screen display. Optional integrated controls using CAN joystick.
- Free floating, shock absorbing, active weight transfer broom head hitch for superior broom pattern control, improved tractive effort, braking, steerability and overall handling of the broom chassis

#### Snow Control Broom Head, HP4

- Safer since improved operator visibility, next vehicle visibility, and less snow buildup on equipment
- Vertical raising caster struts thus vertical lift broom head for consistent deflector angle as broom wears
- Extended deflector to control the snow coming off the brush
- Hydraulically actuated deflector with operator control for Front Mount Brooms.
  - MB5 Mid Mount Broom: Deflector not adjustable to keep snow down. No need for adjustment
- Dual impeller forced air blower on broom head ends in back of brush: 23,040 CFM @ 410 MPH
  - Front Mount Broom: Dual impeller forced air blower on chassis: 23,040 CFM @ 410 MPH
- Integral broom hood shaker to remove accumulated snow off the broom hood...if there is any
- Covered hydraulic lines on back of broom head
- Optional automatic pattern adjustment and brush RPM ground speed control among others



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