



Airport Snow Removal Products

4600-MP2 or MP3 Multi-Purpose Airport Broom



- Installed and driven by customers existing Oshkosh MP2 or MP3 military snow blower chassis
- 46" diameter @ 14, 16, 18, 20, and 22 foot broom lengths
- 428 rpm broom with 2428 ft-lbs of available torque at 4640 psi maximum working pressure
- Forced air blower option: 17,300 CFM @ 315 MPH. Available for the MP3 version only. Check data plate in cab.
 - MP3 has 6V92 chassis engine, V-6 (MP3 shown in above photo)
 - MP2 has 6L71 chassis engine, in-line 6
- J-Hook hitch to match chassis
- 4 single tire caster assemblies for increased broom head stability
- Single pivot swing for broom angle of either 35 degrees or 45 degrees
- Dual end hydrostatic broom drive using infinitely variable speed pumps and fixed displacement motors
- 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
- Broom oscillation of 8 degrees (+4, -4) permitting broom head tilt independent of truck to compensate for surface variations to minimize brush pattern variation during operation.
- 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
- Oil bath core center bearings...no greasing
- Entire broom head vibration analyzed as final QA with report on vibration spectra (FFT plot)
- Integrated controls in chassis for operator friendliness.
- Major optional Items
 - Snowshed hood
 - Prop shaft idler to carry snow blower driveline when broom is connected so you do not have to remove it if you still want to use snow blower.
 - Cassette core / bristle system as alternative to wafers.
 - FOD / debris pick-up box with cab controls.



M-B Companies, Inc. / Airport Snow Removal Products

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