



Airport Snow Removal Products

Model 4600-MP Front Mount Multi-Purpose Runway Broom



- Installed on and driven by Oshkosh Truck Multi-Purpose snow blower chassis. Uses snow blower engine to power broom head and air blower.
- J-hook (flame cut curved arms) style hitch
- Hydrostatic drive for broom head and air blower. Uses snow blower ribbon drive pump for broom head.
- 46" diameter @ 14, 16, 18, 20, and 22 foot broom lengths
- 405 rpm broom with 2,428 ft-lbs of available torque at 4640 psi maximum working pressure
- Optional upgrade: 412 rpm broom with 3,311 ft-lbs of available torque (Requires 180cc ribbon drive pump)
- Forced air blower option: Mid Mount under catwalks, one on each side: 23,040 CFM total @ 410 MPH each nozzle
- Free floating, shock absorbing, 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
- 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
- Entire broom head vibration analyzed as final QA with report on vibration spectra (FFT plot)
- Integrated controls in chassis for broom and air blower.



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