



# Airport Snow Removal Products

## Model 3600-LDR Loader Mounted Runway Broom, 173 HP



- 36" diameter. 12, 14, and 16 foot broom lengths
- **490 rpm broom with 1,839 ft-lbs of available torque at 4640 psi maximum working pressure**
- Dual impeller forced air blower. 10,600 CFM @ 270 MPH
- Hydrostatic drive, infinitely variable speed pumps and fixed displacement motors for broom head and blower
- Caterpillar C6.6, 173HP, electronic turbocharged diesel engine, 6.6 liter
- 75 gallon fuel tank for 7-10 hours of operation
- Welded construction framework
- True free floating broom head hitch for improved pattern control
- Broom oscillation of 10 degrees (+5, -5) permitting broom head tilt independent of loader to compensate for surface variations to minimize brush pattern variation during operation.
- Power transmitted to the broom core via 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 cab of loader. Optional MDC controls in broom engine enclosure
  - 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)
- Broom package is self sufficient in that no power or controls are required from the loader
- Portable fully functional operator's control box.
- Minimum loader with a bucket capacity of 3.5 cubic yards and 180 HP engine



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