



# Airport Snow Removal Products

## Model 3600-TOWGA Tow Behind Runway Broom, 300 HP



- 36" diameter @ 12, 14, 16 and 18 foot broom lengths
- **516 rpm broom with 1,839 ft-lbs of available torque at 4640 psi maximum working pressure**
- Single impeller forced air blower. 20,000 CFM @ 320 MPH
- Hydrostatic drive, infinitely variable speed pumps and fixed displacement motors for broom head and blower
- Caterpillar C7, 300HP, electronic turbocharged diesel engine, 7.2 liter. Meets Tier 3, Stage IIIA emission standards
- 100 gallon fuel tank for 10 hours of operation
- Single wheel axle: 12,000 pound capacity for electrical brakes. Optional air brake system.
- True free floating broom head hitch
- Broom oscillation of 10 degrees (+5, -5) permitting broom head tilt independent of chassis 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
- Portable or Integrated user friendly MDC controls in cab of chassis. Optional integrated controls with plow
  - Microprocessor CAN (Controller Area Network) serial bus system with color screen display
  - Flexible and versatile with ability to Monitor, Diagnose (Diagnostics), and Control...MDC
  - Optional MDC controls in broom engine enclosure
- 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 chassis
- Optional Front Nose Wheel (shown), Direct Pintle, or Fifth Wheel or hitch to chassis
- Optional 13,200 pound steering axle controlled by broom to chassis connection. Closed loop hydraulic controlled steering system with automatic drift control and provisions for centering and disengaging the axle steering system by the operator.



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

1200 Park Street / Chilton, Wisconsin 53014

1-800-558-5800 / Fax: 920-849-2629 / [sales@m-bco.com](mailto:sales@m-bco.com) / [www.m-bco.com](http://www.m-bco.com)

1/09

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