



Airport Snow Removal Products

Model 4600-TTB-FW Tracking Tow Runway Broom with Fifth Wheel Hitch Multi-Function Snow Removal System



- 46" diameter @ 16, 18, 20, and 22 foot broom lengths...Up to 18.0 foot swept path
- HP3 Power package:
 - Caterpillar C13, 475 HP, electronic turbocharged diesel engine, 12.5 liter. Tier 3, Stage IIIA emission certified.
 - 4024 Ft-Lbs of available torque on the broom shaft @ 630 Broom RPM = 86 MPH bristle tip speed
- Dual impeller forced air blower: 22,800 CFM @ 450 MPH
- 210 gallon fuel tank dedicated for the broom engine for 17 hours of operation
- Free floating active weight transfer broom head hitch for improved tractive effort, braking, steerability and overall handling of the broom chassis
- Hydrostatic drive, infinitely variable speed pumps and fixed displacement motors for broom head and air blower
- 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 chassis 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
- Integrated user friendly MDC controls in chassis for plow and broom
 - Microprocessor CAN (Controller Area Network) serial bus system with color screen display
 - Flexible and versatile with ability to Monitor, Diagnose (Diagnostics), and Control
- 18,000 pound steering axle with ABS brakes controlled by fifth wheel type broom to chassis connection. Closed loop hydraulic controlled steering system with automatic drift control and provisions for centering and disengaging
- Plow chassis determines turning radius...Broom always follows. Matched for OTC HT series chassis (Shown)
 - Can be towed by any fifth wheel equipped chassis of adequate axle and horsepower ratings
- Optional automatic broom pattern adjustment with manual capabilities
- Optional brush RPM automatic ground speed controlled with manual capabilities
- Optional rear camera system



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