



MB3 Front Mount Airport Broom



Reference Only. Shown with 18 Ft broom w/poly wire wafers

- Chassis with four wheel Tru-Trac™ 4 x 4 drive.
- 164-inch wheel base and sharp axle cramp angles provide small turning circles.
- Butterfly type hood enclosures for auxiliary and chassis engines cover maintenance catwalks
- All hoods rotate upward to allow maintenance and repair access to engine and accessories
- All hoods open with power assist
- 380 HP, electronic turbocharged diesel engine. T4F EPA emission certified.
- Allison RDS 4000, 6 speed transmission
- M-B Torque Flow single speed transfer case featuring the Eaton Tru-Trac™ differential provides low speed torque plus speeds up to 45 mph
 - Automatically and constantly proportions torque delivery between front and rear axles
 - Helical gears provide positive and smooth torque transmission.
- M-B 29,000-pound front drive/steer axle with limited slip differential.
- M-B 27,000-pound rear drive/steer axle with limited slip differential.
- Tapered spring suspension for smoother ride and increased driver control
- ABS air brake control system (4-channel) with automatic traction control
- Dual 125-gallon fuel tanks for drive and broom engines for up to 12 hours of operation
- 445/65R22.5 LR L traction tread front and rear tires
- Integrated microprocessor CAN bus controls, electric over hydraulic, for entire unit.
- M-B two-man cab.
 - Air ride cab mounts
 - Panoramic view. All flat glass for easy and local replacement. Forward slope windshield
 - Four windshield wipers with three motor system for reduced linkage issues and provide better snow removal from windshield
 - Air-ride driver and passenger seats with adjustable lumbar supports
 - Many standard features such as side light bars, heated windshield, high capacity cab heater, heated power mirrors and power windows
- Operator friendly, cab integrated microprocessor CAN bus controls with MDC (Monitor, Diagnose, Control) color screen display and CAN joystick for chassis and broom.

Included Chassis Options:



M-B Companies, Inc. / Airport Maintenance Products

1200 Park Street / Chilton, Wisconsin 53014

1-800-558-5800 / Fax: 920-849-2629 / sales@m-bco.com / www.m-bco.com

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Helpful Auditing
ISO 9001:2015 Certified



- Engine oil pan heater
- Air intake grid heater
- Engine block heater, 1500 watt, immersion type
- Engine coolant filter
- Battery trickle charger
- Battery heater, pad type
- Transmission oil pan heater
- Hydraulic tank heater
- Remote battery lugs
- Logo on each side of unit
- Airport name on each side of unit
- 8" reflective stripe around unit
- 16" and 24" numbers on unit
- Rear bumper chevron painted striping
- Expello heated drain valves
- Rear mounted pintle hook
- Hydraulic quick disconnects for chassis to broom
- Autolube system
- One spare chassis tire and wheel
- One complete set of spare filters for unit
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Included Cab Options:

- Air conditioning
- Heated windshield wipers
- Side door window wipers
- Radio, AM/FM with weather band and CD player
- Rear view color camera system
- HID trapezoid lights on cab light bar, (2)
- HID flood lights on cab light bar, (2)
- Rear facing LED flood lights, (2)
- One SAE Class 1 LED amber warning light on cab
- One SAE Class 1 LED amber warning light on rear engine enclosure
- One, Fire extinguisher, 10 lb. with mounting bracket in cab
- ICOM A210 radio installed
- Motorola CM 200 radio installed

4600 Pivot Lift Runway Broom



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- Hydrostatic drive for broom head
- DIN Hitch Standard
- 46" diameter @ 22-foot length.
- 500 HP, electronic turbocharged diesel engine, T4F EPA emission certified
- 500 rpm broom with 4,828 ft-lbs of available torque at 5075 psi maximum working pressure
- Free floating, shock absorbing, weight transfer broom head hitch for 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
- Utilizes integrated controls in chassis for broom and forced air blowers.
- Poly and wire alternating wafer type bristles, with spacers
- Dual impeller air blast system

Included Broom Engine Options:

- Hydraulic tank heater
- Air intake grid heater
- Coolant filter

Included Broom General Options:

- Ground speed control
- Automatic brush pattern adjustment
- Broom speed tachometer
- Broom hydrostatic pressure gauge
- Snow shed hood
- Vibrator

Included Broom Spare Parts Options:

- Set of broom cores
- Set of four broom carts, non-adjustable
- Two broom caster tire, wheel, axle bearings
- One set of poly and wire alternating wafers with spacers kits
- One spare broom engine oil and air filter
- One spare set of 3 charge pressure filters

