



Airport Snow Removal Products

MB4

Front Mount Snow Blower Chassis



- Designed and manufactured complete by M-B. Nothing added by a third party. Turnkey, single source, factory direct.
- See separate summary sheets for details on the broom and other attachments
- Rear engine type chassis with full time four wheel drive (4X4)
 - Optional four wheel steer
- Designed for airport snow blowers, plows, front brooms, tow brooms, underbody scrapers, and other as desired
- 164 inch wheel base standard for small turning circles...very maneuverable
- Snow blower engine mid-ship with fiberglass butterfly doors for easy access.
- Drive engine in rear with fiberglass butterfly door for easy access.
- Caterpillar C13, 475 HP, electronic turbocharged industrial diesel drive engine
- Allison RDS 4000, 6 speed transmission
- M-B “Torque Flow” transfer case featuring the Eaton Tru-Trac differential
 - Single speed producing a wide torque / speed range. Low speed torque yet speeds up to 45 MPH.
 - Automatically and constantly proportions torque delivery between front and rear axles
 - Uses helical gears for positive and smooth torque transmission. No friction devices used such as ramps or balls. No clunking while turning
- M-B 27,000 pound front driving / steering axle with limited slip differential. Optional 29,000 pound rating
- Dana 23,000 pound rear driving axle with limited slip differential. Optional M-B 27,000 pound steering axle
- 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
- M-B two-man cab. Entire cab on air-ride suspension
 - Panoramic view. All flat glass for easy and local replacement. Forward slope windshield so no “snow catcher”
 - Four windshield wipers with three motor system, for better snow removal from windows...no build-up
 - Air-ride driver and passenger seats
 - Many standard features such as side light bars, high capacity cab heater, heated power mirrors, power windows
 - Many options available such as air conditioning, deluge system, heated windshield, heated wipers, side wipers
- Operator friendly, cab integrated microprocessor CAN bus controls with MDC (Monitor, Diagnose, Control) color screen display and CAN joystick for chassis, plow, broom, underbody scraper and other. No third party “add-ons”



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

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



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Blower:

- Capacity up to 7500 tons per hour
- Up to 120 feet cast distance depending on conditions
- Caterpillar C18, 700HP, electronic turbocharged diesel engine
- Cutting height of 58 inches, cutting width of 113 inches
- 52.5" diameter ribbon, hydrostatic drive
 - Independently reversible ribbon to free obstructions and clogs
- 59" diameter impeller with replaceable blades, mechanical drive
 - Shear pin to protect impeller
- Rotating impeller housing and discharge chute for adjustable cast direction
 - 140 degree counterclockwise rotation from flat cast right
- Integrated carbide skid shoes
- Optional loading chute with directional flipper control for dump truck loading or spot casting snow



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