



MB4

Front Mount Snow Blower and Chassis

The MB4 Chassis is designed for airport snow blowers and can interchange to host plows and front mount brooms. Hydrostatically driven ribbon from chassis engine and mechanically driven impeller from blower engine enable 7,500 TPH performance. Both engine enclosures on the MB4 feature full length, full height butterfly side covers that rotate upward, exposing the entire engine compartment for unimpeded maintenance access.

Features & Benefits

- Butterfly hood enclosures for auxiliary and chassis engines cover maintenance catwalks
- Hoods open with hand power assist and rotate upward to allow maintenance and repair access to engine and accessories
- MB single-speed transfer case, provides low speed torque plus speeds up to 45 mph
- Automatically locks and releases center differential between front and rear axles
- Includes battery disconnect switch and centrally located fluid drain lines
- MB two-man cab with panoramic view and forward slope windshield.
- Four windshield wipers for better snow removal from windshield
- Air-ride driver and passenger seats with adjustable lumbar supports
- Includes many standard features such as side light bars, heated windshield, high capacity cab heater, heated power mirrors, power windows
- Operator friendly, cab integrated microprocessor CAN bus controls with MDC (Monitor, Diagnose, Control) color screen display and CAN joystick for chassis and snowblower

| | MB4 |
|--------------|---|
| Chassis | Four wheel, 4x4 drive |
| Engine | 496 HP electronic turbocharged diesel chassis engine, T4F EPA / Stage 5 emission certified with ether start and heated fuel water separator |
| Transmission | Allison RDS 4000, 6 speed |
| Drive | Torque bias 50/50 for full time all-wheel drive |
| Front Axle | MB 29,000 lb front drive/steer axle with limited slip differential |
| Rear Axle | Dana 23,000 lb rear drive axle with limited slip differential |
| Brakes | ABS air break control system |
| Fuel Tank | Dual 125 gal tanks for drive and broom engines. Up to 12 hrs of operation |
| Wheel Base | 164 in |
| Tires | 445/65R22.5 LR L traction tread front and rear tires |
| Suspension | Tapered spring for increased driver control |

MB4 High Performance Airport Snow Blower Package:

- More than 1,000 HP available to power snow blower head
- 755 HP electronic turbocharged diesel T4F EPA / stage 5 emission certified auxiliary engine
- Capacity up to 7,500 tons per hr
- Cast distance in excess of 150 ft
- Cutting height of 58 in, cutting width of 102 in
- 52.5 in diameter hydrostatic drive ribbon
- 59 in diameter impeller with replaceable blades, mechanical drive
- Rotating impeller housing and discharge chute for adjustable cast direction
- Steel cutting edge
- Pneumatic casters
- Integrated carbide skid shoes

Chassis Options:

- Four wheel steering with 27,000 lb rear drive/steer axle
- Engine oil pan heater, pad type
- Engine block heater, immersion type
- Battery trickle charger, 1.5 amp
- Battery charger, 20 amp
- Battery heater, pad type
- Remote battery jump start lugs
- Remote air fill port
- Hydraulic oil tank heater, pad type
- Fuel heater, pad tank type
- Coolant filter
- Rear bumper chevron striping
- 8 in reflective stripe
- Numbers and lettering on unit
- Rustproofing: under floor, fenders, battery box
- Spare chassis tire and wheel

Cab Options:

- Air conditioning
- Deluge System (Requires side door wipers)
- Side door window wipers
- Heated option for side door window and windshield wipers
- Radio, AM/FM with weather band and CD player
- Rear view color camera system (Includes rear facing LED flood lights)
- Go-light Stryker remote spot light on cab, (1)
- LED lights on cab light bar, flood, (2)
- LED lights on cab light bar, trapezoid, (2)
- LED lights on cab light bar, spot, (2)
- Rear facing LED flood lights
- Amber snow plow lights on cab light bar, (2)
- Fire extinguisher, 2A:10BC, 5 lb with mounting bracket in cab

Snow Blower Engine Options:

- Blower engine block heater, immersion type
- Hydraulic oil tank heater, pad type
- Coolant filter

Snow Blower Options:

- 800 HP T4F Snowblower Engine in place of 755 HP T4F Snowblower engine
- 475 HP T4F Snowblower Engine in place of 755 HP T4F Snowblower engine. Capacity up to 4000 tons per hr with a cast distance up to 100 ft
- Loading Chute for dump truck loading
- Polyurethane cutting edge in place of steel cutting edge

