



MB2 Heavy Duty Plow Chassis



Reference Only: Shown with cradle, fifth wheel hitch, 24-foot reversible flared plow and underbody scraper

- Tractor type chassis with four wheel/power divider 4 x 4 drive
- Designed for airport plows, tow brooms, underbody scrapers, dump bodies, spreaders, de-icing and other as desired
- 158-inch wheel base standard for small turning circles
- Butterfly type hood enclosure for right side of chassis engine; opens with power assist
- 375 HP, electronic turbocharged diesel engine, T4F EPA emission certified
- Allison RDS 4000, 6 speed transmission
- M-B Single Speed Nose Box. Low speed torque with speeds up to 45 MPH.
- M-B 29,000-pound front drive/steer axle with locking differential.
- Dana 23,000-pound rear drive axle with locking differential.
- ABS air brake control system (4-channel) with automatic traction control
- Dual 75-gallon fuel tanks for drive engine provide up to 12 hours of operation
- 445/65R22.5 LR L traction tread front and rear tires
- Integrated hydraulic controls for plow and other attachments.
- 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 provides better snow removal
 - 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, plow, broom, underbody scraper and others
- Chassis side 5th wheel hitch and 9,000 pounds of steel ballast

P5014-S-D Airport Reversible Plow: 14-foot plow length, straight, 50-inch plow height, DIN flat face hitch, steel cutting edge, two heavy duty single casters reversible left and right up to 32 degrees.

- Consult M-B prior to order to confirm size of plow, engine, and other options.



M-B Companies, Inc. / Airport Maintenance Products

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Chassis Power Package Options:

- 500 HP, electronic turbocharged diesel engine, T4F EPA emission certified in place of 375 HP T4F engine

Chassis Options:

- Four wheel steer, with 27,000 pound rear drive/steer axle
- Engine oil pan heater, pad type
- Ether start, chassis engine, KBI Dieselmatic type
- Engine block heater, 1500 watt, 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, left side
- Hydraulic oil tank heater, pad type
- Fuel heater, immersion tank type
- Coolant filter
- Rear bumper chevron striping
- 8 inch reflective stripe
- Numbers and lettering on unit
- Rustproofing: under floor, fenders, battery box, bottom half of fuel tanks
- Rear mounted pintle hook
- Spare chassis tire and wheel
- Hands free hitch with DIN chassis hitch
- Husting hitch
- J-hook hitch
- Pin-on hitch
- 3 function underbody scraper
- Airport tow brooms up to 22-foot broom lengths with multiple power packages

Cab Options:

- Air conditioning
- Deluge System (Requires side door wipers)
- Side door window wipers
- Heated option for side door window wipers
- Heated option for windshield wipers
- Radio, AM/FM with weather band and CD player
- Rear view color camera system (Requires rear facing flood lights)
- Golight Stryker remote spot light on cab, (1)
- Halogen lights on cab light bar, (2)
- HID lights on cab light bar, flood, (2)
- HID lights on cab light bar, trapezoid, (2)
- HID lights on cab light bar, spot, (2)
- 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 halogen flood lights
- Amber snow plow lights on cab light bar, (2)
- Fire extinguisher, 2A:10BC, 5 lb. with mounting bracket in cab
- Fire extinguisher, 10A:40BC, 10 lb. with mounting bracket in cab



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P5000 Airport Reversible Plow



24-foot plow shown with option flared end, optional poly edge



Plow with option flared end, optional poly edge



Standard straight plow, optional poly edge



Standard straight plow, optional poly edge

- DIN hitch standard.
 - Plow side hitch portion included. Chassis side hitch not included
- Applicable to all M-B chassis
- Retrofittable to existing chassis / plow hitches. Consult M-B for proper chassis / plow size compatibility
- Fully reversible angle left and right up to 32 degrees
- 50 inch moldboard height
 - 65, 75, or 85 degree adjustable moldboard angle
 - High visibility green polyethylene lined moldboard
- Straight moldboard blade
- 14-foot length
- Lift, and swing uses chassis hydraulic system
 - Requires two auxiliary hydraulic circuits on chassis
 - Required: Integral float in chassis hydraulics to allow plow to follow pavement independently
- Moldboard oscillation to follow angled (sway) pavement independent of chassis
- Two heavy duty single casters. Single casters minimize shimmy and vibration, increase tire life
- Front mounted rubber deflector to reduce overspray for optimum operator visibility
- Consult M-B prior to order to confirm size of plow and other options.



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Reversible Plow Options:

- Flared moldboard blade in place of straight moldboard blade
- Plow widths of 16, 18, 20, 22, and 24 foot
- Plow trip moldboard
- Hands free hitch with DIN chassis hitch
- Husting hitch
- J-hook hitch
- Pin-on hitch
- Poly, Carbide, Rubber and Tungsten carbide inserted rubber cutting edge in place of steel cutting edge available in each length of plow.

Reversible Plow Spare Parts Options:

- Caster tire and wheel, nitrogen filled
- Caster tire, wheel, hub, bearings, axle and nuts, nitrogen filled
- Caster tire and wheel, foam filled
- Caster tire, wheel, hub, bearings, axle and nuts, foam filled
- Poly, Carbide, Rubber and Tungsten carbide inserted rubber cutting edges available in each length of plow.





P3UB Underbody Scraper



(For Reference Only)

- Compatible with MB1, MB2 and MB3
- Suitable for multiple chassis configurations of adequate size. Contact M-B for application approval
- 3 function design includes swing, curl, and lift functions (12-inch high moldboard)
 - Requires three auxiliary hydraulic circuits on chassis
- 12 foot wide moldboard made of 50,000 psi yield steel
- Swing angle up to 40 degrees, depending on chassis configuration
 - Two dual acting swing cylinders for angled holding power
 - Crossover relief hydraulic valve provides impact protection
- Lift and curl functions use a hydraulic accumulator to keep blade in contact with the surface
 - Provides impact protection...safety trip
 - Maintains surface contact pressure over uneven surfaces
- Steel cutting edge
- Consult M-B for proper chassis compatibility and options prior to order

Underbody Scraper Options:

- Carbide cutting edge in place of steel cutting edge
- Two function underbody scraper in place of 3 function

Underbody Scraper Spare Parts Option:

- Steel cutting edge
- Carbide cutting edge



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