

ATTACHMENTS



Hydraulic Angling Broom



Fixed V-Plow



Folding V-Plow



High Capacity Snow Blower



Hydraulic Angling Plow



Hydraulic Single or Dual Auger Snow Blower



Rear Drop Sander and Dump Box

Other Attachments:

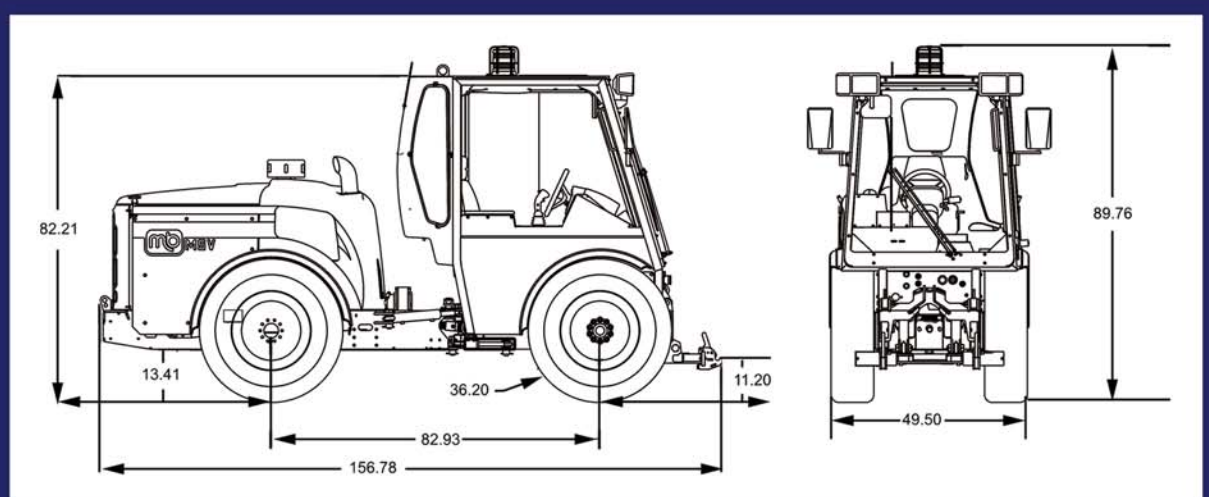
- Boom Mounted Flail Mower
- Front Mounted Flail Mower
- Front Mounted Rotary Mower



The MB MSV ... The Multi Service Vehicle You've Been Waiting For!

AVAILABLE OPTIONS

- Air Conditioning, 18,000 BTU, 660 cubic meter/hour flow,
- Rear CAT 1 CAT2, three point hitch
- Rear Hydraulics, 26 GPM Auxiliary Supply and one control circuits.
- Rear PTO, 6-spline, 1-3/8" diameter, 540 R.P.M @ 2160 engine RPM.
- High flow hydraulics delivers up to 31 GPM auxiliary hydraulic flow
- Spare Winter Tire and Rim, Lugged tire: 10 x 36 on 18" rim, 10-ply
- Spare Summer Tire and Rim, Turf tire: 33/16LL500, 10-Ply
- Tires Chains
- Front and rear chassis weights available
- Front and rear auxiliary lighting
- Cold weather package (Block heater, Hydraulic tank heater, Fuel tank heater)
- Custom colors
- Additional strobe lights
- Fire extinguisher
- Slow moving vehicle bracket and sign
- License plate bracket and light



MB Companies, Inc.
MSV Sales
 1615 Wisconsin Avenue
 P.O. Box 200
 New Holstein, WI 53061
 1-800-558-5800
 sales@m-bco.com

DISTRIBUTED BY:

In the interest of continual product improvement, M-B Companies reserves the right to change specifications without notice. (8/2009)

SUPERIOR DESIGN FOR SUPERIOR PERFORMANCE.

MB MSV



MB MSV

Multi Service Vehicle

PERFORMANCE FEATURES

- Tier III Cummins Diesel Engine, 110 HP at 2500 RPM, 115 HP at 2300 RPM.
- Fulltime four wheel drive with 2 speed shift on the fly hydraulic ground drive providing 25 MPH transport speed and 12 MPH working speed.
- Ground drive design produces a "Pressure Lock Differential" to improve traction and eliminate wheel spin. Four wheel drive provides 1900 ft. lbs. of torque at each wheel for a combined 7600 ft. lbs.
- Low center of gravity provides stability up to a 30% grade.
- Fabricated steel chassis articulates 45° and oscillates 13°.
- Front and optional rear CAT 1, CAT 2, three point hitch.
- 6,000 lbs front hitch capacity at lift points, 4000 lbs capacity on optional rear hitch at lift points.
- High performance cooling system.
- 26 GPM load sense auxiliary hydraulic system or 31 GPM optional high flow system.



MONITOR
MDC Monitor, Diagnose, and Control operator's console featuring Controller Area Network (CANBUS) technology. Five button LCD color display with pull down menus.

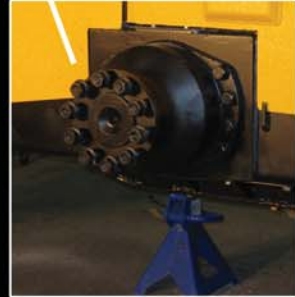


PTO
1-3/8", 6-spline, dry multi-plate clutch for front and optional rear PTO (540 RPM @ 2160 engine RPM).



BRAKES
Three Unique Braking Systems:

- Mechanical parking brake integrated into front wheel motors.
- Mechanical automotive style, dual caliper disc brake on front wheels.
- Hydrostatic braking by all four wheels.



WHEEL MOTORS
Creates a more durable ground drive and greatly improves ground clearance.

OPERATOR COMFORT

- Sure Grip™ joystick controls vehicle, hitch, and attachment functions.
- Sliding windows and removable sunroof
- Storage compartments
- Three high visibility mirrors
- Fresh air filter
- 25,000 BTU heater and optional 18,000 BTU AC
- Wide band steering orbital for smoother response.
- Cab is ROPS certified to ISO 3471 and SAE J1040C at 12,000 lbs.
- Safety interlocks reduce the potential for unsafe operation.



EASE OF SERVICE

- Cab tilts with an electric actuator for easy access to hydraulics electronics, PTO and front hitch mechanisms.
- Cowling and fenders remove to provide easy access to engine and hydraulic pumps.
- Engine cowling and hood removes without tools.
- Hinged fuel tank swings away from the vehicle to improve engine accessibility.
- CANBUS network enhances vehicle and engine service diagnostics.
- MDC Console provides audible and visual warnings of dirty filters, low fluids, and out-of-range operating conditions.



SPECIFICATIONS

- Cummins, QSB4.5, 4 Cylinder, Tier 3, Turbo Charged. Develops 115 Peak HP @ 2300 RPM, 110 HP @2500 RPM.
- Ground drive is wheel motor based incorporating four (4), Poclain MSO5, 2-speed hydraulic wheel motors.
- "Winter lugged" 10.5 x 80 – 18, 10-ply tires mounted on heavy duty 10-bolt steel wheels. Summer turf style tires are also available.
- Front and rear PTO shafts are 6-spline, 1 3/8" diameter. Both rotate at 540 R.P.M at 2160 engine RPM.
- Dry type power take-off clutch, multi-plate design, electronic-over-hydraulic engagement.
- Auxiliary hydraulic flow is 26 gpm at a max operating pressure of 2850 psi (197 bar). Optional high flow hydraulic flow package is 31 gpm at a max operating pressure of 2850 psi (197 bar).
- Front three point hitch configuration, with (2) double acting lift cylinders produces a front lift capacity of 6000 lbs at hitch lift points.
- Rear three point hitch configuration, with (2) double acting lift cylinders produces a rear lift capacity of 4000 lbs at hitch lift points.
- Operator's enclosure is ROPS certified to SAE J 1040C and ISO 3471 at 12,000 lbs.
- Standard high performance heater provides 25,800 BTU of heat transfer capacity with 797 cubic meter/hour of air circulation.
- Maximum overall track width is 49.5 inches (1258 mm) with 10.5 x 80 - 18 tires.
- Overall height is 82 inches (2095 mm) with 10.5 x 80 - 18 tires.
- Ground clearance is 10 inches (254 mm) with 10.5 x 80 - 18 tires.
- Inside turning radius is 70 inches. (1778 mm), outside turning radius is 120 inches. (3048 mm)
- Wheel Base is 83 inches. (2108 mm)
- Curb Weight is 5800 lbs. (2537 kg)
- 12,000 lbs gross vehicle weight (5436 kg).