

SweepMaster

Key Features

The SweepMaster is now available with tow package and quick disconnect push blade.

With shift-on-the-go there is no need to stop the unit to shift to high gear. Improves time and work efficiency.

With the single point broom pivot, pivot point remains clog-free from mud, stones, etc.

Engine compartment design provides excellent airflow and easy service access.

Operator seat location puts operator behind centerline of the broom and gives operator maximum visibility.

Forward/reverse foot pedal controls free up hands for steering and broom operations.

401 Capacity Drive
Longview, TX 75604
800-323-0135 • Fax. 903-759-3209

All specifications are in accordance with SAE standards or recommended practices where applicable. Under our policy of improvement, Mobile Products, Inc. reserves the right to modify specifications at any time without prior notice or obligation. Units shown may include optional equipment.

www.laymor.com

S P E C I F I C A T I O N S

Engine		Broom	
Description	Kubota 3600 Tier III	Rotation speed	250 RPM
Horsepower @2600 RPM	85	Core assembly	8'
Max. torque	215 ft. lbs. @ 1600 RPM	Sweeping surface	7' 6"
Displacement	199	Broom angle	45° left and right
No. cylinders	4	Broom type	Polypropylene convoluted wafer
Sweeper Characteristics		Broom core	Enclosed direct hyd. drive
Travel speed		Broom top cover	16 ga. w/end plates
Low range	0-12 mph variable shift-on-the-go	Swing frame mount	2.5" dia. pin
High range	0-25 mph variable	Instruments and Controls	
Max. gradeability		Positive neutral start	
Low range	5000 PSI - 45%	Forward/reverse foot pedals	
High range	5000 PSI - 15%	Low and high range	
Fuel tank capacity	30 gallons	Broom lower/raise	
Steering	Power assist	Broom left/right angle	
Service brakes	Rear - Drum (Optional) Front - Drum	Broom rotation	
Parking brakes	Rear - Mechanical	Parking brake	
Front axle	Cradle pin supported, heavy duty, 18" oscillation	Reverse alarm	
Rear axle	Semi-float, differential drive heavy duty truck	Engine throttle	
Gearbox	Torque expander	Gauges	
Electrical system	12 volt	Fuel	Oil pressure
Air cleaner	Dry element with back-up safety element	Ammeter	Engine water temp
Tires	P225/75R15 4-ply radials	Hydraulic oil temp	Electric hour meter
Wheels	Front and rear interchangeable	Hydraulic sight gauge	
Hydraulic System (Based on 2500 RPM)		Sweeper Dimensions	
Axle drive pump	37 GPM Variable Piston	Wheelbase	11' 5.25"
Axle motor	37 GPM Variable Piston type	Tread width outside to outside of tire	5' 7"
Broom drive pump	25 GPM gear type	Overall length	15' 10"
Broom drive motor	20 GPM geroler	Overall height to top of ROPS canopy	8' 9"
Broom valve	2400 PSI	Overall height to top of optional air conditioner	9' 4.5"
Steering unit	4 GPM, 1600 PSI	Overall height to top of optional strobe light	9' 9.5"
Oil return filter	10 micron	Overall with (straight broom)	8' 4"
Charge pump filter	6 micron absolute	(45° angle broom)	7' 3.25"
Hyd. oil reservoir capacity	22 gal..	Turning radius outside	21'
		Turning radius inside	15' 4"
		Centerline of seat to centerline of broom	2' 4"

SweepMaster 250

- New design with upgraded standard features & emission friendly engine options
- New VISTA cab option provides 43% more interior room & maximum broom visibility
- Broom rotation of 250 RPM for more efficient sweep on the first pass
- Single pivot broom design - remains virtually clog-free
- Forward/reverse foot pedal controls
- Shift-on-the-go - No stopping between work and transport speed



TIME PROVEN PERFORMER FROM THE LEADER IN SWEEPER DESIGN

The SweepMasters are manufactured with a basic design that has proven to be extremely reliable for years and these designs are continually updated to offer sweepers that are built with the latest manufacturing techniques. SweepMaster provides the easiest access to the engine and hydraulics, uses minimal wear items and incorporates no universal joints or chains. The SweepMaster provides years of service and focuses on operator safety.

Why are we the leader in sweeper design?

Because we've designed it right...

And the SweepMaster offers many options to meet a variety of requirements.

We now offer the new VISTA cab option for the SweepMaster 250 providing dramatic improvement in operator comfort, visibility and safety.



This new cab option features:

- 43% more interior room (100 cu. ft. of volume).
- Hexagonal contour with full vertical glass panels.
- Peripheral view, allowing maximum broom visibility.

We've made it easy to train your crew to operate the SweepMaster and do a good job. The smooth hydraulic power allows safe stops and starts, great for negotiating steep trailer ramps.

With the SweepMaster shift-on-the-go feature, you can shift from low range sweeping gear to high range road gear without stopping the unit.

Our comfortable, cushioned operator seat is located behind centerline of broom allowing maximum visibility of broom and sweeping operation.

The forward/reverse foot pedal controls free up hands for steering machine and broom operations.



The generously wide steps allow easy entry and exit from the SweepMaster.



Lockable engine doors insure secure access while allowing easy servicing of engine and drive components.

The optional sprinkler system is a low profile design for increased front visibility and the translucent tank offers a clear view of water level.



Also available with front mount blade as shown.



The 250 RPM broom rotation offers more efficient sweep on the first pass and its surge protection protects broom from high pressure hydraulic spikes.



Optional halogen high/low work lights are available for those longer work days.



The optional automotive-style, easy hitch-up towing package is a favorite among operators.



OPTIONS

- VISTA cab
- Sprinkler system with tank selections:
 - 180 gal. low profile, easy water level view
- 1/2 Poly, 1/2 steel brush
- All steel brush
- Canopy windshield
- All steel ROPS pressurized cab
- Air Conditioner
- Heater
- Windshield wiper/washer (front and/or rear)
- Suspension seat
- 3" seat belt
- Rotating beacon or strobe
- Halogen high/low work lights
- Rear work lights
- Mirrors
- Audible engine alarm and warning
- High temp/low oil engine shutdown
- Tachometer
- Engine compartment doors
- Turbo II pre-cleaner
- Drum type front brakes
- ST 225/75R15 6-ply radial tires
- LT 235/75R15 6-ply radial tires
- 90° front mounted material push blade
- Towing hitch package

Consult factory for additional options

DIMENSIONS

Wheelbase	11 ft. 5.25 in.
Tread width outside to outside of tire	5 ft. 7 in.
Overall length	15 ft. 10 in.
Overall height to top of ROPS canopy	8 ft. 9 in.
Overall height to top of optional air conditioner	9 ft. 4.5 in.
Overall height to top of optional strobe light	9 ft. 9.5 in.
Overall width	(with broom straight) 8 ft. 4 in. (with broom angled 45°) 7 ft. 3.25 in.
Turning radius outside	21 ft.
Turning radius inside	15 ft. 4 in.
Centerline of seat to centerline of broom	2 ft. 4 in.
Weight without cab	5100 lbs.
Weight with cab	5600 lbs.

