

ODRA[®]

ROAD SWEEPERS



MS5H[®]

Mechanical
Single engine
5 yd³ capacity
High dump





About Us

ODRA® is a manufacturer and distributor of chassis-mounted mechanical road sweepers. Our flagship sweeper, the MT4H®, has been improved and perfected since its inception and has shown extensive success in the US and Canada. Mechanical sweepers are our bread and butter.

ODRA sweepers are engineered for the toughest sweeping applications such as spring cleanup in northern climates and heavy-duty road construction. Since 2006, our sweepers have proven their strength and reliability under various brand names: first as Challenger Manufacturing, then as a private label manufacturer for one of North America's largest street sweeper brands between 2012–2020, and now proudly as ODRA.



Quality

We don't skimp on high-caliber construction. Our sweepers feature chrome shafts and pins, composite bushings, only six grease points, and a riveted hopper that meets aerospace standards.



Superior Engineering

Spend more time on the road and less time in the shop. We're proud to be an engineering-focused manufacturer, going above industry standards to produce a high quality sweeper that is built to last.



VIEW MORE DETAILS OR CONTACT US TODAY



Applications

Even on the toughest jobs, nothing sweeps like an ODRA. Examples of our top applications include:



Asphalt Milling

Engineered for maximum sweeping and strong hopper lift capacities. Asphalt millings can be swept with ease, all without needing a CDL operator.



Municipal

Keep your town or city in top shape. Built with municipalities in mind, this sweeper handles roadway debris, gutter buildup, sand, seasonal cleanup, and more.



Construction

Heavy duty debris doesn't stand a chance. This robust machine uses the most powerful hydraulics system to sweep away even the most stubborn debris.

MS5H[®]

MECHANICAL
SINGLE-ENGINE
5 YD³ CAPACITY
HIGH DUMP

THE SAME SWEEPER YOU LOVE, NOW ON A LARGER SCALE

The ODRA MS5H[®] is a full-size, single engine (PTO driven) mechanical sweeper built on the Freightliner M2 chassis that offers all the beloved features of our best-in-segment MT4H sweeper, but on a larger platform.

Designed with the rising costs of business in mind, this large-format sweeper maximizes payload capacity while maintaining a low weight - saving you money when it comes to fuel economy and commercial licensing without sacrificing performance or durability.



Advantages

- Largest legal payload capacity
- Easy to maintain and troubleshoot
- True Non-CDL
- Straightforward operation
- 5 yd³ hopper



+1 (844) 888-6372



info@odrasweeper.com

Highlights

BEST-IN-CLASS COMPONENTS

We believe the best meals are made with quality ingredients. Why should your sweepers be any different? In our endless pursuit of perfection, we are committed to the continuous improvement of our sweepers while keeping them easy to use and maintain.

Some components we feature exclusively include: Danfoss® hydraulics, Parker® motors, Bosch® relays and switches, and Amphenol® and Deutsch® electrical components.

LARGEST PAYLOAD CAPACITY

The ODRA MS5H is fitted with a 5 yd³ debris hopper and a 360 gal water tank, equating to a more efficient sweeping. The lift system works on a multi-stage hydraulic cylinder that lifts scissor-style beams to a maximum height of 10'. Hopper lifting and tilting is controlled safely from the cab.

DURABILITY

The single-engine mechanical sweeper delivers an impressive amount of torque to keep your unit at full sweeping capacity. Equipped with a load-sense, variable displacement Danfoss hydraulic system and pump that produces 32 GPM of hydraulic flow, the MS5H is capable of handling even the toughest environments. Heavy applications, such as sweeping asphalt millings, can be accomplished easily.



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CHASSIS MOUNTED

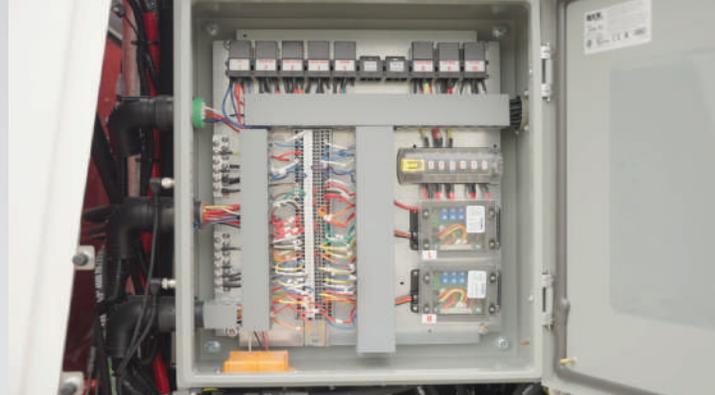
The MS5H is a single-engine sweeper mounted on the Freightliner M2 chassis. It features a Cummins L9 8.9 L engine. Hydraulics, electrical, conveyor and brooms are identical to our best-in-segment MT4H, with a scissor system scaled to safely handle the larger hopper.

EASILY MAINTAINED

- Easily-accessible hydraulic valves for hassle-free maintenance
- No auxiliary engine
- No CAN-bus
- Only six grease points requiring regular greasing

USER-FRIENDLY OPERATION

- Simple design for easier operator training
- Universal symbols on all switches
- No computerization eliminates proprietary parts
- Manual override for all hydraulic valves for easy diagnostics and reduced downtime



Standard Equipment

Our machines are based on the principles of reliability and simplicity. Take your sweeping to the next level with several standard features and even more optional enhancements:

STANDARD

- In-cab control for side broom pressure, side broom tilt, and water flow at each spray bar
- Rear axle airbag suspension
- Full LED lights on chassis and sweeper body
- Dual camera system
- Greaseless composite bushings
- Engine oil temperature and hydraulic oil temperature/level shutdown

ENHANCEMENTS

- Drag show pivot arms
- Interior hopper camera
- Front and rear curbside LED strobes
- Rear LED light bar
- Street-side side broom camera
- Strip broom
- Conveyor washdown
- Custom colors*

*Contact us for details.



View details online

www.odrasweeper.com

**Email: info@odrasweeper.com
Toll-free: +1 (844) 888-6372**

NORTH DAKOTA
ODRA, LLC
705 South 48th Street
Grand Forks, ND 58201
USA

TEXAS
Distribution and Service Center
1000 S Main Street #102
Mansfield, TX 76063
USA

FLORIDA
Service Center
5649 2nd Street W, Unit 104 & 105
Lehigh Acres, FL 33971
USA

ALBERTA
Distribution and Service Center
Bay 3, 5815 - 40 Street SE
Calgary, AB T2C 2H6
Canada

MANITOBA
Challenger Manufacturing Ltd.
770 Century Street
Winnipeg, MB R3H 0M1
Canada

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