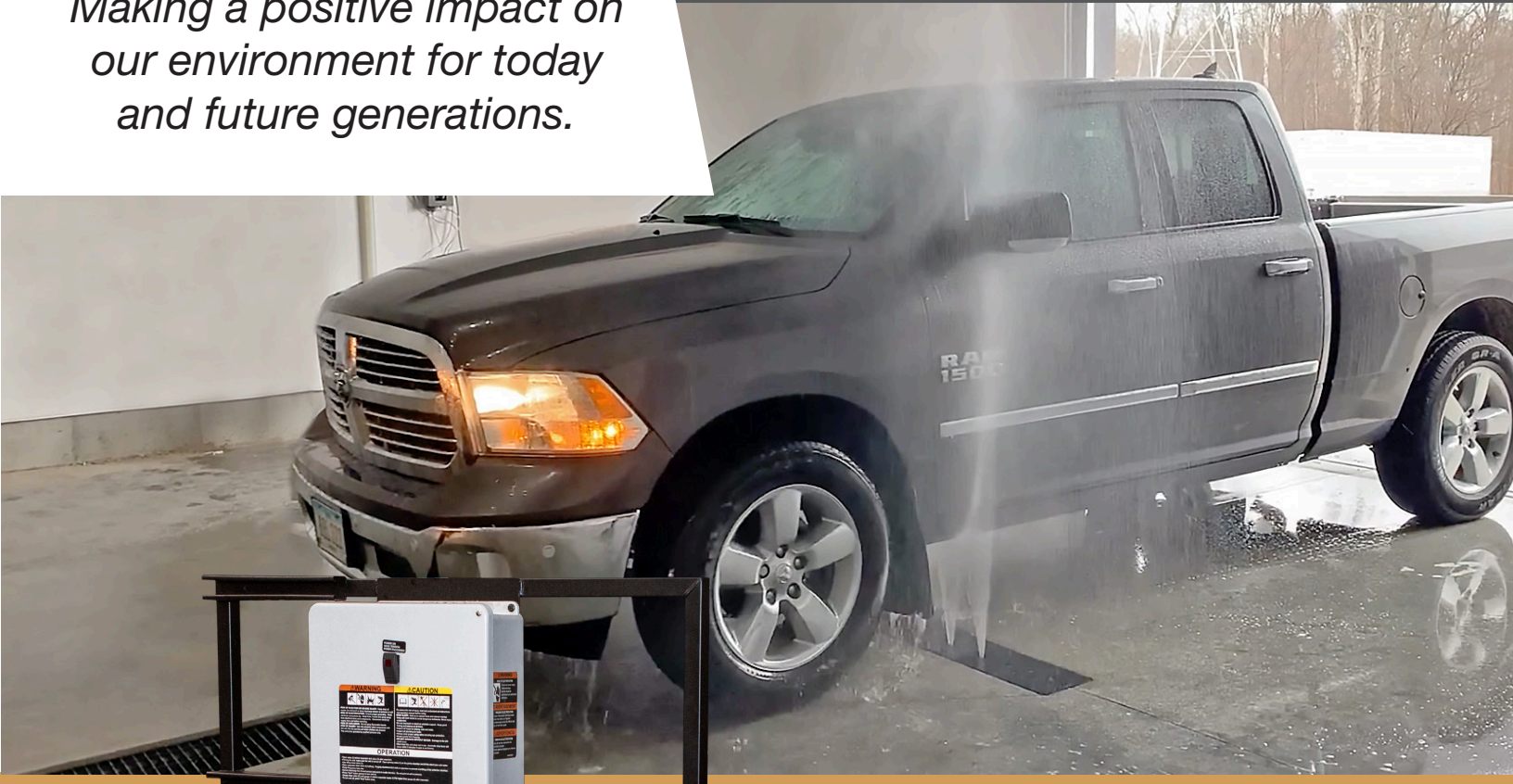


Making a positive impact on our environment for today and future generations.

WCU Series



WCU Series

Undercarriage Wash Systems



WCU-35-OME1

THE IDEAL ACCESSORY FOR ANY WASH BAY, THIS SYSTEM HELPS TO REMOVE MUD AND GRIME BUILD-UP UNDER VEHICLES AND SMALL EQUIPMENT. THE DURABLE STEEL FRAME ENSURES LONGEVITY EVEN IN HARSH CONDITIONS.

CUSTOM BUILT UNITS ARE AVAILABLE. CONSULT DEALER FOR MORE INFORMATION.

FEATURES

- Powder coated frame with control box and pump
- 8-foot stainless-steel spray bar with 16 nozzles
- Auto shut-off valve
- 250-gallon holding tank, supply hose and make-up valve
- PLC controls for automatic pump operation with photo-eye and remote box
- ETL listed NEMA-4 rated corrosion-proof control panel



| MODEL NUMBER | GPM @ PSI | PUMP | POWER REQUIREMENTS | SPRAY BAR COVER DIMENSIONS (LxWxH) | PUMP FRAME DIMENSIONS (LxWxH) | HOLDING TANK DIMENSIONS (WxH) | SHIP WT. |
|--------------|-----------|--------|---------------------------------------|------------------------------------|-------------------------------|-------------------------------|----------|
| WCU-35-OME1 | 35 @ 110 | 3.0 HP | 230V, 1Ø, 15.0A | 96x6x0.5in. | 4x3x5ft. | 36x62in. | 450 lb. |
| WCU-35-OME3 | 35 @ 110 | 3.0 HP | 208-230V, 3Ø, 10.0A or 460V, 3Ø, 5.0A | 96x6x0.5in. | 4x3x5ft. | 36x62in. | 450 lb. |

ACCESSORY:

| PART NUMBER | DESCRIPTION | FITS MODELS |
|-------------|---|-------------|
| 18-0017 | Nozzles – Sixteen 15°, size 15 nozzles, for high undercarriages | All models |

OPTIONS:

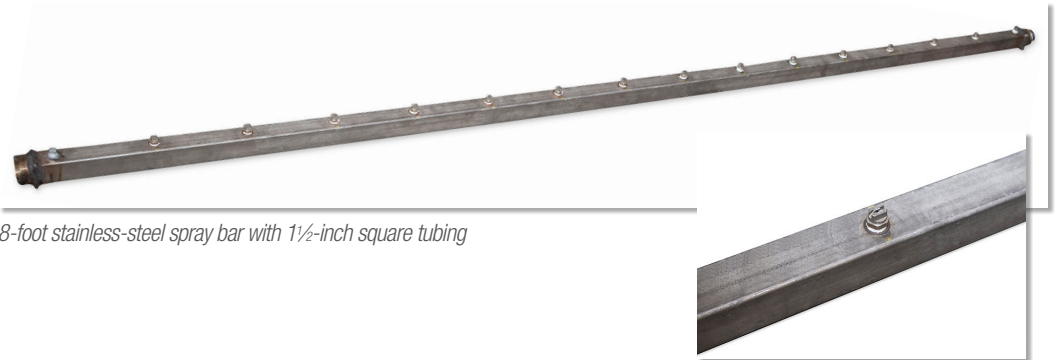
| PART NUMBER | DESCRIPTION | FITS MODELS |
|-------------|--|-------------|
| WX-0144 | 460V, 3Ø – Upgrades 208-230V model to operate at 460V | All models |
| WX-0146 | Detergent – Adds chemical injector to bypass line of pump, chemical gets injected at inlet of pump | All models |

WCU Series

Undercarriage Wash Systems



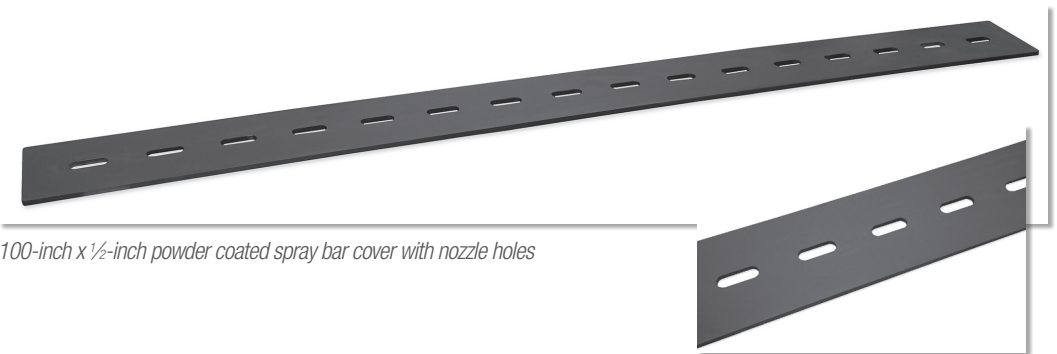
Sixteen 25°, size 15 nozzles spaced 6-inches apart, for low undercarriages



8-foot stainless-steel spray bar with 1/2-inch square tubing



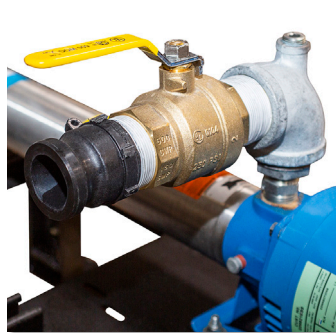
Remote box for auto/manual operation of spray bar



100-inch x 1/2-inch powder coated spray bar cover with nozzle holes



Photo-eye with 10-foot maximum range



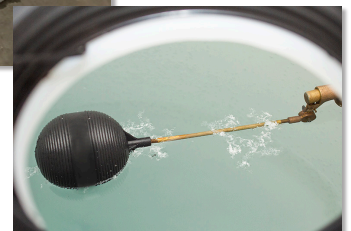
Shut-off valve



250-gallon holding tank, with brass float valve and supply plumbing

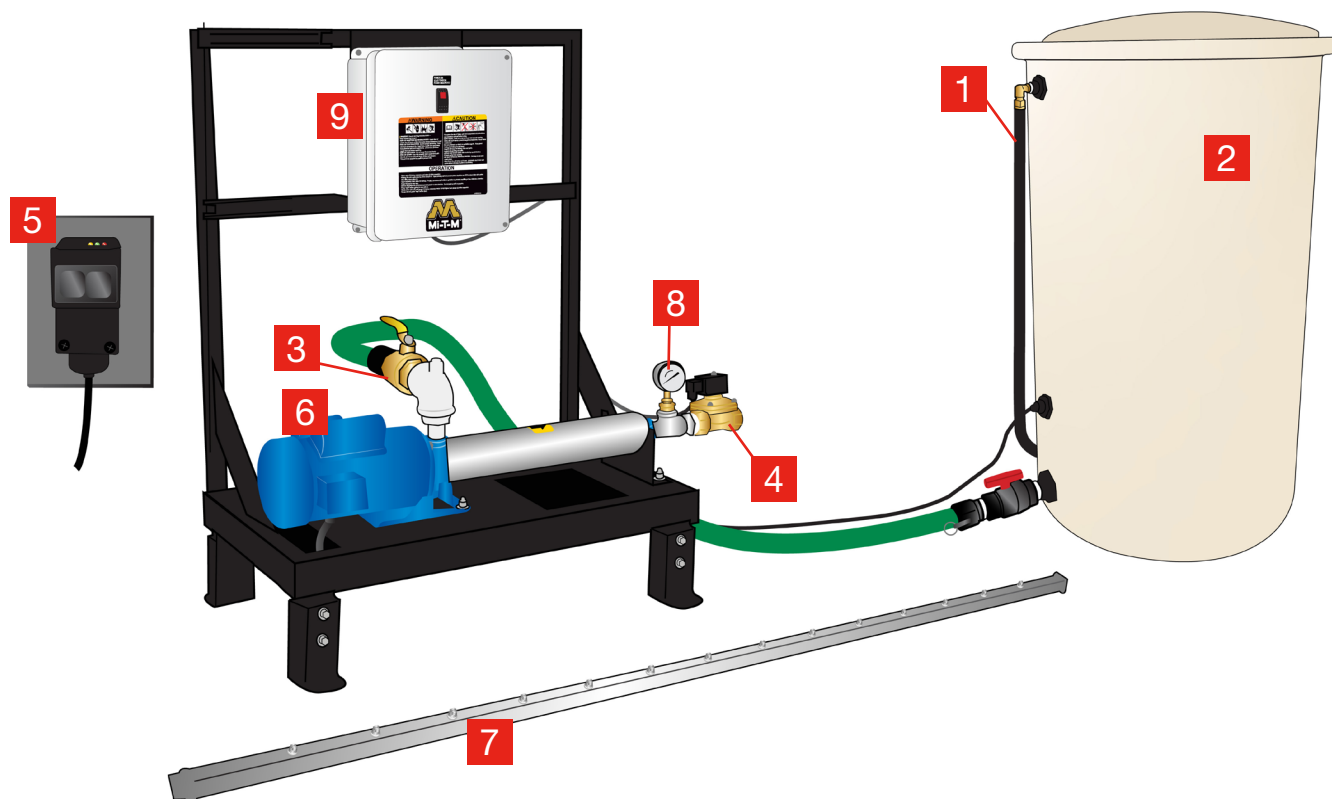


Auto flow control solenoid that opens water flow valve when system is on and closes when off to prevent drainage



WCU Series

Process & Flow Description



1. **INLET CONNECTION** – Connect a fresh water supply with at least 20-PSI to the water supply tank.
2. **WATER SUPPLY TANK** – A 250-gallon tank with an automatic water level float valve supplies water to the system.
3. **WATER SUPPLY VALVE** – Connects water supply tank to undercarriage wash system.
4. **AUTO FLOW CONTROL** – Opens water flow valve when system is on, closes when off.
5. **PHOTO-EYE** – Detects incoming vehicles and equipment and sends signal to start system.
6. **MULTISTAGE WASH SYSTEM PUMP** – A 3.0 HP, 13-stage centrifugal pump increases water pressure to 110-PSI to push through spray bar at 35.0-GPM.
7. **SPRAY BAR** – Provides upward high impact spray for undercarriage cleaning.
8. **PRESSURE GAUGE** – Measures pump pressure to monitor system performance.
9. **CONTROL PANEL** – ETL listed NEMA-4 rated corrosion-proof control panel for safe and reliable operation.

Mi-T-M[®]
EQUIPMENT
SALES & SERVICE

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