

Automatic Undercarriage Wash System **AUWS**

The AUWS Automatic Undercarriage Wash System solves the difficult task of removing heavy mud and dirt soil loads from the undercarriage and sides of vehicles and machinery. This drive over system is fully automatic and self-cleaning. Sensors detect the approaching vehicle and control the system start and run time. The AUWS can be equipped with optional side and overhead spray arches and a wash pump that produces over 500 GPM to provide complete exterior washing.

The AUWS must be installed in a vault with the approach and exit driveways level with the top of the drive over wash platform. Hydropad wash rack arrays or concrete are used to create the driveway. When Hydropad above ground wash racks are used they are configured with walls that help contain wash spray. The Hydropads are installed on a slightly sloped grade using wood rail ties as footings that ensure that wash water and debris is collected in the integral gutter and then returned to the AUWS. The solids settle in the AUWS tank and are removed automatically with a drag conveyor. Wash water is filtered and reused.

Construction is required to build the vault, set the ties, run and connect the water and power to the AUWS. With the vault and wood ties in place a typical installation and training take three to six man days.



1. Specifications are effective 2020. 2. Specifications are subject to change without notice

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Standard Features:

- 208/230 Volt 3-P 60 Hz
- 300 GPM flow rate for undercarriage and wheel wash
- 6' high walls
- Photo eye activation system
- Air compressor for automatic inlet screen clean out
- Drag conveyor for automatic solids removal
- Internal weir design for solids settling
- HE-AUWS/M & W connects to Hydropads on drive in and drive out sides

Optional Features:

- Oscillating spray nozzles
- Full sides skirting
- 460 Volt, 3-P, 60 Hz
- 50 Hz electrical available
- 530 GPM flow, undercarriage, wheel, vehicle sides and top wash
- Tank heater
- Tunnel spray arch (side and top wash)
- Fresh water rinse arch Hydropads are quoted separately

HE-AUWS/M

Drive over vehicle widths: 9' 1"
 Horse Power: 30
 GPM: 300

HE-AUWS/W

Drive over vehicle widths: 15' 1"
 Horse Power: 30
 GPM: 300



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