

## Mobile Decontamination & Wash Station

Model #: MDCS-1-20-40



- Fleet & Rental
- Construction
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- Solid Waste
- Automotive Salvage
- Aerospace
- Aircraft
- Machine Tool
- Steel Mills
- Petrochemical
- Engine Rebuild
- Forklift and Warehouse

### Description:

The Mobile Decontamination & Wash Station is a closed-loop wash system with (1) high pressure, hot water hose station for efficient and environmentally friendly washing. The system includes (1) mobile wash pad that is 14' wide and 40' long (not including on/off ramps) with 30 ton per axle load capacity with equipment loading of 14,000 lbs/sq. ft. The system also includes a solids separator, a wash/rinse water recycle system and hot water pressure washers enclosed in a 40' long equipment container. The portable equipment enclosure includes all plumbing, pumps, electrical connections, lighting and HVAC to operate as a complete wash station delivery unit. Total Weight: 33,000 lbs (approximate).

### System Performance:

The Mobile Decontamination and Wash Station will be capable of treating equipment wash water that is suitable for recycling or, if allowed, discharging to the sanitary sewer.



Certified to UL-508A Standards



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### Abbreviated System and Component Specifications:

#### Hot Pressure Washer:

5 gpm @ 3,000 psi,  
10 hp, 230 volt, 3 phase, oil fired 440,000 btu  
Remote control with on/off and separate adjustable soap application  
Retractable hose reels for high pressure wand and soap applicator

#### Wash Water Recycle System:

Biological treatment process for removing emulsified oils and greases, hydrocarbons and other organic contaminants – no chemicals added

#### Portable Wash Pad:

Above-ground pad system, all steel construction with 8' modules for expansion (or shortening). Usable pad dimension 14' wide x 40' long. 30-ton per axel load capacity

#### Portable Equipment Enclosure:

Environmentally controlled with equipment enclosure to include all water treatment equipment, pressure washer, and associated equipment with all plumbing, pumps, electrical connections, lighting and HVAC to operate as a complete wash station delivery unit

The equipment enclosure is thermally insulated on all sides and includes steel beam, stainless steel and aluminum construction. The building is in compliance with the "International Convention for Safe Containers"-CFC

Container can be transported by standard truck trailer, lifted by forklift or ocean cargo handling equipment or sling lifted by crane.

Thank you for allowing ESD to provide a solution to  
your equipment needs.



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