

HYDRA 45NT MOBILE PARTS WASHER

INSTRUCTION MANUAL FOR EQUIPMENT AND CHEMICAL MAINTENANCE

DO NOT PLUG THE WASHER IN UNTIL IT IS FULL OF WATER



FEATURES AND SPECIFICATIONS:

**OSI Environmental, Inc. – 1000 Lund Blvd, Anoka, MN 55303
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HYDRA 45NT MOBILE PARTS WASHER

- Tank: Hydra 45 Molded HDPE Plastic Tank Capacity: 45 gallons.
- Hydra 45 electrical requirements 120 Volts AC, 12 Amps. Operates on a standard industrial 20 amp. 120 volt circuit.
- The heater is 1000 watts and constructed of 304 stainless steel. The heater has an integrated level float and internal preset temperature and over temperature controls with an operating range of 113 to 117 degrees F.
- The sink includes a 400 micron 4" diameter bag filter in the sink drain. Other filter ratings are available. The bag filter can be cleaned or replaced.
- The 300 gph pump includes a debris screen.
- GFCI cord plug. a preset manual temperature control with over temperature and low level protection.
- The washer has 4 multi directional casters for ease of movement.
- Complete system weight 75 Lbs dry weight.
- Sink dimensions: ID 36" L to R, 21" F to B, 40" high, 8" Sink Depth.
- Machine dimensions: OD 38.25" L to R, 32" F to B, 40" Floor to top of Sink.

Caution:

- Read and understand the manual before using the washer.
- This unit is designed to be used with water based cleaners. **DO NOT** use with any flammable/combustible cleaning chemicals. Including but not limited to mineral spirits, petrochemical solvents or any other petroleum or alcohol based chemicals. Doing so will create a hazardous situation, which could result in serious injury, death and property and equipment damage.
- Heated water based cleaners will evaporate water with use, check the solution level regularly to insure proper function of the parts washer. Closing the lid and not leaving the pump running when the system is not in use can minimize evaporation.
- Use care not to overfill the unit, proper solution depth is approximately 22" up from the bottom of the tank.
- Unplug or lock out the unit before performing any service.
- Do NOT place hot parts in the sink.
- Do NOT use the washer if damaged or safety mechanisms are inoperable. Have the unit serviced before continuing operation.

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- If an extension cord is needed to operate the equipment, care must be taken to assure the proper rating. Do NOT use an extension cord that is underrated.
- In case of malfunction or emergency, unplug the unit and contact a service person.
- Proper solution level must be maintained for heater and pump operation. Low solution level may cause heater or pump failure.
- Maintain cleaning chemicals and clean system regularly to avoid build up of sludges and oils in the system that may interfere with the heater/pump operation.
- This unit is designed for indoor use only.
- Personal Protective Equipment must be worn such as but not limited to safety glasses and gloves. See chemical SDS's for recommendations.

Replacement Parts:

Part Number	Description	Qty.
2009P	Wash pump, fractional HP, 120 VAC	1
PW-A-1KW/120V	1KW / 120 VAC Heater	1
PW-3300	Flow Thru Wash Brush	1
H30SO	H45 Sink	1
H34.0047	Aluminum sink mount	1
H34.0030	Sink Latch	1
H30NT-PC	H45 Plastic Sink Cover	1
H4. Tanks	H45 Tank	1
Filter Bag	4" 200 Micron	1
H345.0003	Metal drain cover/strainer	1
H34.0034	Electrical Box, 2 switch, duplex receptacle	1
H34.0019	Receptacle, two gang 120 VAC / 15 amp	1
H345.0035	Lighted ON/OFF Switch 125VAC / 20 amp	2
H345.0001	GFCI Cord plug 120 VAC / 15 amp	1
H34.0017	Male cord plug male, yellow	1
H34.0046	Cord whip heater, black, male 4 ft. 14/3	1
H34.0020	Casters, no brakes	4
H345.0004	LOC Line Flex ½" tubing	12"
H345.0005	LOC Line ½" valve	1
H345.0006	LOC Line ½" nossle	1
H345.0007	½" poly pro T	1

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Replacement Parts Continued:

Part Number	Description	Qty.
H345.0010	Stainless 1/2" NPT x 1/2" NPT Valve	1
H345.0015	Cam lock fitting female to male barb	1
H345.0016	Cam lock fitting male to female	1

Warranty Statement:

Term of warranty shall be one year to original owner from invoice date.

OSI shall replace for one year those parts returned to the factory, which upon inspection by the company are determined to be defective.

All repairs must be made with authorized replacement parts to be covered by warranty.

Parts must be returned freight prepaid within 15 days of receipt of R.G.A.

R.G.A. must appear on all returned goods.

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