



GENERAL SPECIFICATIONS:

Machine to be designed for, and capable of cleaning parts using hot water and soap (no solvents). Machine will load from the top and be fully automatic with appropriate safety controls. This machine must be ETL listed.

Quality and Safety: Machine shall be built in an ISO-9001 registered factory and certified to UL-73 safety standard.

Power Source	230V/1Ph	38 Amp
	230V/3Ph	23 Amp
	460V/3Ph	11 Amp
	575V/3Ph	9 Amp
	208V/1Ph	42 Amp
Water Tank Capacity	208V/3Ph	25 Amp
	90 Gallons	(341 liters)
Heating Element	6 kW	

CABINET:

Cabinet and lid shall be constructed of 12 gauge steel, finished with a powder coat paint for long life and easy cleaning. Parts basket to be constructed of 12 gauge steel and can easily be removed from cabinet. Steel chip tray located below parts basket to prevent small parts from falling into the tank. Lid will have interlocking mechanical seal, with safety shut-off and lid lock mechanism. Lid shall have gas struts for minimal effort in opening and closing lid. Machine will have automatic oil skimmer to remove excess oils from sump tank, thus lengthening the effectiveness of wash solution. All welded seams must meet ASME Standards. Machine will have accommodations to allow for the following options:

- Automatic Water Fill
- Service Tray
- Temperature Gauge
- Detail Brush with Pump
- Power Brush (Pneumatic)
- Hour Meter
- Caster Wheels
- Panel Mounted Heater Timer, 7 Day
- Pressure Gauge

ROTATING SPRAY ARM:

Rotating spray arm must be water driven. Rotation of arm will provide complete spray coverage of parts being washed. Twenty-three (23) spray nozzles will be located on the rotating spray arm providing over lapping coverage of parts being washed.

CONTROLS:

Electrical control panel shall have 7 day programmable heater timer, 60 minute wash timer, power indicating light and low water shutdown indicator lights. Machine will include a sealed safety stop switch. An adjustable thermostat will control water temperature. A safety control switch will not allow pump or heater to operate if water level drops below a prescribed set point.

PUMP:

Pump will be centrifugal 3 hp vertical sealless, with 37 GPM (140 lpm) output at 30 PSI (2.07 bar) capable of handling 175°F (79°C) water with cleaning detergents. Pump motor must have safety overload protection.

HEATER:

Machine to have a 6000 Watt, 208V, 230V, 460V, 575V, 1" screw plug immersion heating element. Heating element is to be constructed with an incoloy sheath for maximum corrosion and oxidation protection.

DIMENSIONS:

Overall dimensions	49"H x 53"W x 48"D (125 x 135 x 122 cm)
Basket dimensions	32"L x 21"W x 7"H (81 x 53 x 17 cm)
Working height	18" (45 cm)
Work load	350 lbs. (159 kg)
Ship weight	773 lbs. (Dry Weight) (211 kg)
Water tank capacity	90 gallons (341 L)

OPTIONS:

- Automatic Water Fill
- Castor Wheels
- Small Parts Basket
- Tool Basket with Cleaning Tools
- Temperature Gauge
- Oil Drain Container
- Oil Skimmer Timer, 24 Hour
- Detail Brush with Pump
- Power Brush (Pneumatic)
- Hour Meter
- Pressure Gauge
- Panel Mounted Heater Timer, 7 Day
- Service Tray