



### Drum Washer Model DW55-ITR

The drum washer system model DW55-ITR is designed to wash and rinse the interior of drums and pails sized up to 55 gallons using water, detergent, solvent, or hot water.

The drum washer system model DW55-ITR is a unique self-contained drum washer that can wash 5 gallon pails and both closed and open top drums up to 85 gallons.

This system is capable of washing a wide range of residues from containers. Containers that have oil, solvent, fuel, inks and mastics can be washed in 40 seconds.

This system has many configurations and optional washing stations. Each wash station has a station control box containing a start and stop button and an emergency stop button.

Each washing system may include an external recirculation tank with 250, 500 or 1000 gallon capacity depending of the number of wash stations.

Designed, developed and assembled in the USA: All parts and components that go into the equipment are designed and developed meeting all American standards.



### DW55-ITR Specifications

Specification	Description
Recirculation Reservoir/Sump Tank for Discharge	120 Gallon (454 liter) Capacity, 304 Stainless Steel with 304 Stainless Steel Reinforcing with integral fork lift pockets. Wash fluid drains by gravity.
Drum Wash Platform	304 Stainless Steel Perforated Screen with 1/8" holes.
Splash Guard/Pump Mounting	12 Gauge 304 Stainless Steel.
Electrical Control Panel	Painted Carbon Steel, Nema 4. Main Power Disconnect on the Front Cover. One (1) PLC with adjustable timer. Temperature control is included if the heat option is selected. One (1) Soft Start for motor protection. One (1) electronic safety switch (electronic photo eye). System only washes if a drum is placed on the wash stand. Push Button On/Off & Emergency E -Stop Controls.
Wash Nozzle	One (1) Drumbeaters Custom Engineered Stainless Steel Fluid Driven Rotary Spray Wash Nozzle.

Specification	Description
Pressure Pump & Motor	Stainless Steel Pressure Building Stack Pump.
Systems Electrical Requirements	480 volt, 3 phase 60 hertz 5 amp draw. The before mentioned amp draw does not include any additional electrical option(s). Other voltages and hertz are available upon request.
Fluid & Filtration System	One (1) 1" Aluminum Filter Bag Housing with Type 304 Stainless Steel Basket, Trade #4 Filter Bag Housing.
Dimensions	- Unit Height 68.00" (157.48 cm) - Unit Width 63.0" (147.32 cm) - Unit Depth 68.0" (152.40 cm) - Unit Weight 1,300 lbs. (467.20 kg)

DW55-ITR System Options

- Two (2) 5,000 Watt Electric Immersion Heaters
- Electrical requirements for 220 Volt
- Exterior Washing Gun
- Special High Impact Nozzle
- Upgrade the Electrical Control Panel Box to Nema 4X
- Steel Cover for the Wash Reservoir
- One (1) 1.5 hp 480 volt 60 hertz 2 amp draw Discharge Pump
- Electric Auto Fill for the Recirculation Tank
- Oil Recovery Skimmer System
- RT-500 Recirculation Tank
- RTF-500 (Return Tank Filtration) System
- Explosion Proof System Class I Div I Groups C & D
- Electric Heat for the internal recirculation tank - Class I Div I Groups C & D
- One (1) 1.5 hp Discharge Pump
- Explosion Proof Oil Recovery Skimmer
- Recommended Spare Parts List

Drum Washer DW55-ITR Configurations

Each wash station has a station control box containing a start and stop button and an emergency stop button. Each washing system may include an external recirculation tank with 250, 500 or 1000 gallon capacity depending of the number of wash stations.



One wash station with 120 gal. internal recirculation reservoir



One wash station with 250 gal. external recirculation tank



One wash station with 500 gal. external recirculation tank



One wash station with 1000 gal. external recirculation tank



Two wash stations with 120 gal. internal recirculation reservoir



Two wash stations with 1000 gal. external recirculation tank





Three wash stations with 120 gal. internal recirculation reservoir



Three wash stations with 1000 gal. external recirculation tank



Four wash stations with 120 gal. internal recirculation reservoir



Four wash stations with 1000 gal. external recirculation tank



## Helping Our Environment

Drumbeaters of America specializes in the engineering and manufacturing of systems for industrial companies to reduce the volume of waste products generated in manufacturing and to transform the waste products so they can be recycled.



## Improving Quality

Drumbeaters is staffed with mechanical and electrical engineers with international standards experience. Our final assembly is performed at the Drumbeaters of America facility located in Elburn, Illinois, USA.



## Industry Standards

Our clients include Fortune 500 manufacturers, U.S. military installations, governmental agencies, global companies and waste remediation contractors. Our equipment and systems have been shipped worldwide.



*Environmental Engineering*

**DRUMBEATERS OF AMERICA INC.**

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