



Multi-Media Filtration & Recirculation Tank System

The RTF-500 Multi-Media Filtration & Recirculation Tank System can be used with all of our washing systems and can also be used with our special water based cleaning solvents and degreasers. The RTF-500 is a versatile system that is designed to not only recirculate the wash fluid but to also clean the wash fluid using a combination of flocculation and a multi-media filtration bed.

Once the solid waste material is captured on the multi-media filtration bed, the solid waste can be collected and discarded. This unique process allows for the continuous use of the wash fluid and therefore does not increase the liquid waste stream since the wash fluid is not discarded. The amount of solid waste is minimal and can be disposed in a landfill. Sometimes users encapsulate the solid waste by mixing small quantities of cement/Portland with the "floc particle" solid waste or the solid waste is tumbled dry in a mixer such as a mortar mixer.

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

MULTI-MEDIA FILTRATION & RECIRCULATION SYSTEM Model RTF-500



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The RTF-500 gives the user the ability to clean a wide range of residues from containers such as but limited to:

Using Floc Tank & Multi-Media Filtration Bed

- Paints (water based & oil)
- Adhesives & Mastics
- Most types of resins
- Almost any material with high solid content

Using the Oil Skimmer Option

- Oils
- Greases

Standard Features (partial list)

- PLC Control System
- Nema 4 Electrical Enclosure
- Vertical Multi-Stage Pressure Pump
- Centrifugal Return Pump
- 304 Stainless Steel Construction
- Bag Filter & Debris Strainer
- Emergency Stop Button
- Forklift Pockets for Portability

Optional Features (partial list)

- Nema 4X Electrical Enclosure
- Nema 7 Electrical Enclosure
- Hazardous Classifications (EXP) components
- Increased Pump Output
- Heated Flock Tank & Recirculation Tank
- Steel Cover Panels (standard with all heat options)
- Electric Oil Skimmer
- Application Specific Options



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.



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