

WASTE TREATMENT EQUIPMENT

Hammond **ROTO-FINISH**

Treatment

Treatment technologies utilize the addition of liquid and/or powdered flocculants to remove the particulate contamination from the process fluid. This generates an optically clear solution for the most critical processing requirements or for discharge. Treatment or flocculant addition can be added to ROTO-FUGE systems but are usually associated with the manual or automatic stand-alone style Waste Management systems.



WM-125D



WM-60

WASTE MANAGEMENT

MODEL	Supply	L x W x H	Rate	Treat
WM-60M	60 gal	32" x 80" x 98"	60-120 gpd	30 gal
WM-125D	200 gal	42" x 90" x 120"	150-300 gpd	150 gal
WM-150M	200 gal	42" x 90" x 120"	150-300 gpd	150 gal
WM-250M	375 gal	48" x 96" x 144"	250-300 gpd	250 gal
WM-250A	250 gal	120" x 140" x 76"	125-250 gpd	125 gal

The Process and Chemical experts at Hammond Roto-Finish have the answer for all of your wastewater applications. No matter what Waste Treatment system you choose, rest assured you are supported by one of the oldest and most respected finishing process companies in the world.

Roto-Treat

– Waste Water treatment chemicals for Mass Finishing processes

Roto-Cycle

– Patented recirculation compounds for Mass Finishing

Roto-Plenish

– Highly specialized additives for recirculation systems that replenish only the process consumed elements of your fluid

Recirculation

Waste reduction, cost savings, and governmental compliance are driving forces to implement waste water minimization processes. Hammond Roto-Finish offers a wide range of options to suit your processing requirements.



ROTO-SETTLE

Let Mother Nature Do the Work

Abraded material and media swarf settle by gravity to the bottom of the tank as the fluid flows through the system on its way to the drain or back to the machine(s).

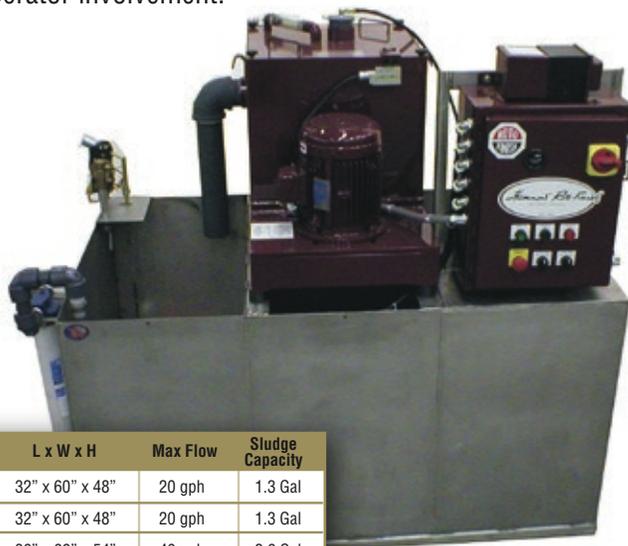
MODEL	Volume	L x W x H	Construction
RS-30	115 L	24" x 32" x 14"	Steel
RS-150	501 L	32" x 48" x 30"	Stainless Steel
RS-225	855 L	36" x 60" x 30"	Stainless Steel
RS-700	2660 L	48" x 96" x 36"	Stainless Steel

ROTO-FUGE

Roto-Fuge wastewater minimization units are designed to work with tumbling barrels, vibratory bowls or tubs and centrifugal finishing systems. The **Roto-Fuge** generates centrifugal forces up to 2000 times the pull of gravity to remove particles from the waste stream. The particulate remains as sludge in the basket liner and is easily removed. The solution is usually suitable for re-use or may be discharged to drain, if permitted. Optional agitation and flocculation systems generate clear solution for reuse in the finishing process.

The system consists of a stainless steel tank divided into three sections. Each section is connected by weirs to optimize system operation. Wastewater is introduced to the first section where solids are allowed to settle. In the second section, the fluid is agitated and pumped into the centrifuge located above this section. Centrifugal forces push the particulate from the solution and deposit it in the removable basket liner. The "filtered" solution flows into the third section (or supply tank) and is ready to be returned to the finishing process or drain.

The standard units, Model 13 and Model 26, are semi-automatic and will run unattended for prolonged periods without supervision. A simple auto select and process start are all that is required for operation. Cleaning of the basket liner is a manual operation and can be performed in approximately 15 minutes. The fully automatic Model 26A will clean itself without operator involvement.



MODEL	Tank Volume	L x W x H	Max Flow	Sludge Capacity
RF-13	150 gal	32" x 60" x 48"	20 gph	1.3 Gal
RF-13SA	150 gal	32" x 60" x 48"	20 gph	1.3 Gal
RF-26	225 gal	36" x 66" x 54"	40 gph	2.6 Gal
RF-26-700	700 gal	48" x 108" x 60"	70 gph	2.6 Gal
RF-26A	700 gal	84" x 108" x 72"	70 gph	2.6 Gal