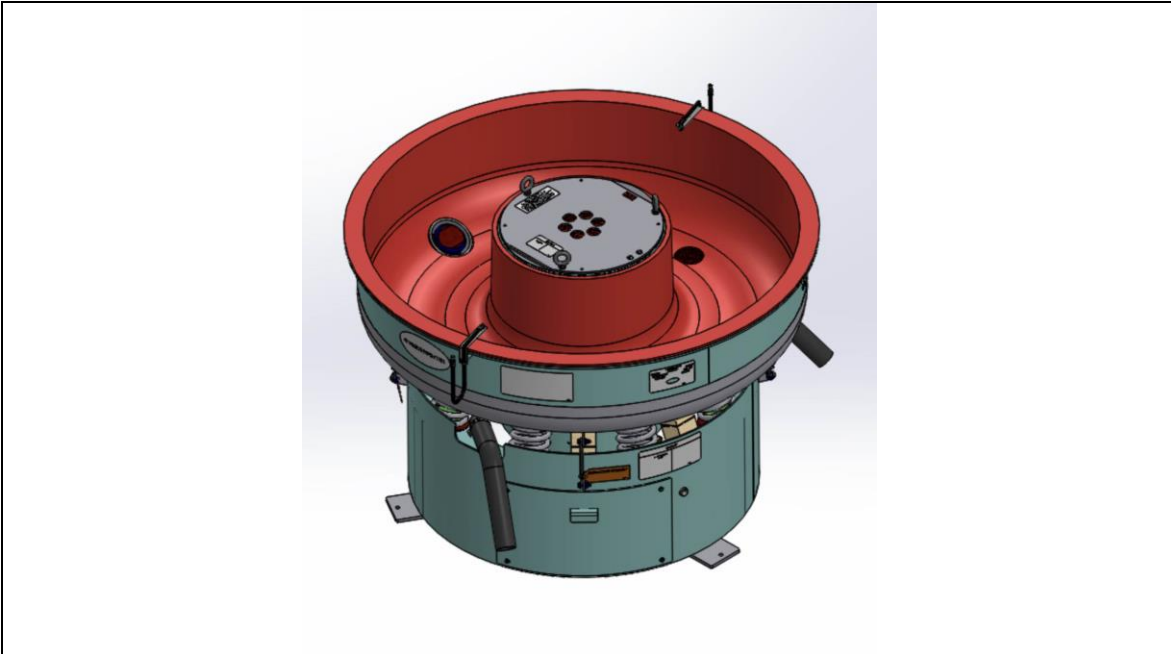


## MR-20FB Overview:

The MR Series is a robust vibratory bowl finishing machine built to handle continuous duty operation. Hammond Roto-Finish's proven welded-construction design was reimaged in 2011 to simplify manufacturing without sacrificing durability. The MR Series combines that innovative design with high-end features.

The MR-20 is available in four models; Manual, Semi-Auto, Automatic, and Accelerated Chemistry. General machine data and features are laid out below.



## Machine Features:

Max operating capacity 17.0ft<sup>3</sup> (481 L)

Heavy-duty 3/16" (4.75mm) welded construction

Main bowl construction component is a pressure vessel tank head

U shaped process channel with textured, straight wall polyurethane lining

Polyurethane lining is a minimum 5/8" (15.5mm) thick, with 50% additional in high wear areas

Bowl is suspended on heavy duty coil springs

Two (2) sets of pop-in drains: solid, 1/16" (1.5mm), **1/8" (3mm)** & 1/4" (6.5mm) slots

Parts separation system with pneumatically operated gate

Water-driven compound system – mixes between 0% and 5% concentration

19 mm socket included for changing eccentric weights

Integrated lifting eyes

Grease lubrication

Available voltages:

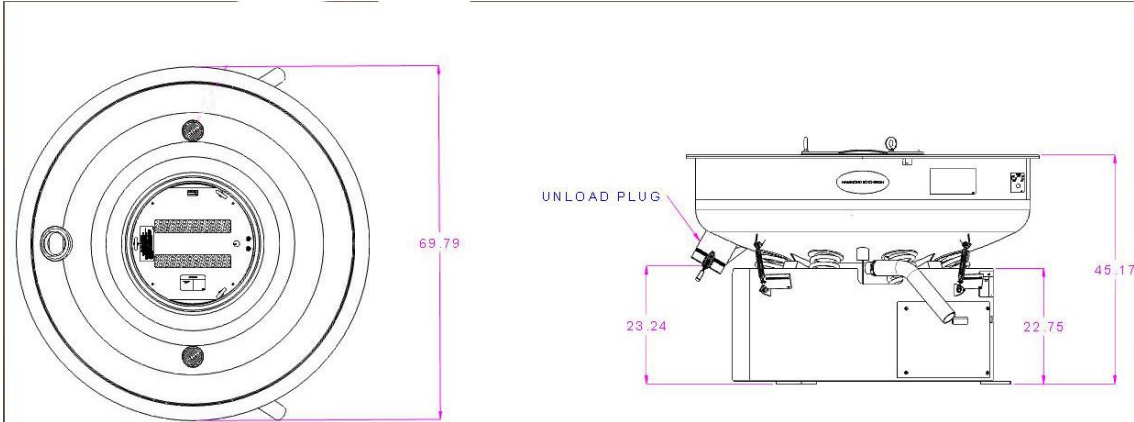
230 VAC / 460VAC, 3ph, 60hz

*(denotes factory installed – unless specified on order)*

**MR-20 Specifications and Dimensions:**

**Drawings:**

**MR-20FB-M, MR-20FB-S, MR-20FB-C**



**Utilities:**

	Bowl Working Volume	Power	FLA (230V/460V)	Shipping Weight	Maximum Water Pressure	Average Flow Rate	Maximum Flow Rate	Drain
English	17.0 ft <sup>3</sup>	7.5 hp	20.4 / 10.2	1730 lbs	35 psi	22 gal/hr	4 to 40 gal/hr	(2)
Metric	481 L	5.59 kW		785 kg	2.4 bar	83 L/hr	15 to 151 L/hr	2" NPT

Manual Model: **MR-20FB-M** **Call**

This is the baseline machine model. It features manual controls for both motor start and the pneumatically operated gate.

Semi-Auto Model: **MR-15S** **Call**

This is the baseline machine model. It features the shut off timer and pneumatically operated gate on the control panel. It can be upgraded to include a VFD.

VFD Upgrade Price **Call**

Accelerated Chemistry Model: **MR-20FB-C** **Call**

This model builds on the MR-20FB-S. In addition to the automatic processing and unloading, it features a second, electric compound pump, part recipe selection from the HMI, and acid proof construction. These features are required in a machine that produces the high luster finishes generated from accelerated chemistry processes.



Common MR-20FB Options:		USD	
Description	MR-20FB-S/C		
<input type="checkbox"/> Special Voltage <input type="checkbox"/> 208VAC / <input type="checkbox"/> 575VAC	POR		
<input type="checkbox"/> Automatic Grease Lubricator	POR		
<input type="checkbox"/> End of Cycle Light <sup>2</sup>	POR		
<input type="checkbox"/> RYG Stack Light (C model only) <sup>2</sup>	POR	N/A	
<input type="checkbox"/> PVC Coated Wire Mesh Screen      (specify size)	POR	N/A	
<input type="checkbox"/> Media Diverter	POR	N/A	
<input type="checkbox"/> Specialty Drain	POR		
<input type="checkbox"/> Pneumatic Closable Drain	POR		
<input type="checkbox"/> Specialty Urethane Lining	POR		
<input type="checkbox"/> Outer curve wall "kicker"	POR		
<input type="checkbox"/> Unload Plug 4" Opening	Included		
<b>Settling Tank: 30 gal (110 L) cap. with center baffle <sup>3</sup></b>			
<input type="checkbox"/> Painted Steel	POR		
<input type="checkbox"/> Stainless Steel	POR		
<b>Lift Station: 30 gal (110 L) cap. with center baffle, pumps 100ft (30m) horizontally <sup>4</sup></b>			
<input type="checkbox"/> Painted Steel	POR		
<input type="checkbox"/> Stainless Steel	POR		
<input type="checkbox"/> Bolt-On Flexible Fabric Noise Cover <sup>5</sup>	POR		
<input type="checkbox"/> Hanging Flexible Fabric Noise Cover <sup>5</sup>	POR		
<input type="checkbox"/> Base Riser 2" to 24" (2" increments) Higher POR	POR		
<input type="checkbox"/> Special Paint	POR		
<input type="checkbox"/> Factory Run Off	POR		

<sup>1</sup> = Depends on the option above	<sup>2</sup> = Pick only one from the set
Select either only Item <sup>3</sup> or Item <sup>4</sup>	<sup>5</sup> = Pick only one from the set