

## VM-1 & VM-2 SELF CONTAINED MATERIAL LOADERS

*for Small, Medium, and Large Machines*

### VM-SERIES FEATURES

- On Demand Material Loading — Saves Power, Prolongs Equipment Life
- Self Cleaning Filter
- Light Weight and Compact Size Allows Easy Setup or Tear Down
- Quick Release Lid Clamps – No Tools Required to Change the Filter or Clean the Hopper
- Protective Shroud for Discharge Valve
- Loads up to 1000 lbs./hr.
- Retrofittable Ration Valve for Proportional Loading of Virgin and Regrind Material



VM-1 Loader

### VM-1 and VM-2 SERIES

***Providing Precise Control over Load Time and Material Percentages***

*This versatile family of material hopper loaders are designed for various applications.*

The VM series is completely automated and virtually maintenance-free. The loader operates on a material need-only basis — a switch on the discharge valve signals the loader only when material is called for. This not only saves power but also cuts running time, thereby prolonging equipment life. The optional pulsating Ratio Valve provides dual component material loading into the vacuum receiver. This assures thoroughly mixed material throughout the entire loading process.

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## OPTIONAL TECH 2 CONTROLS

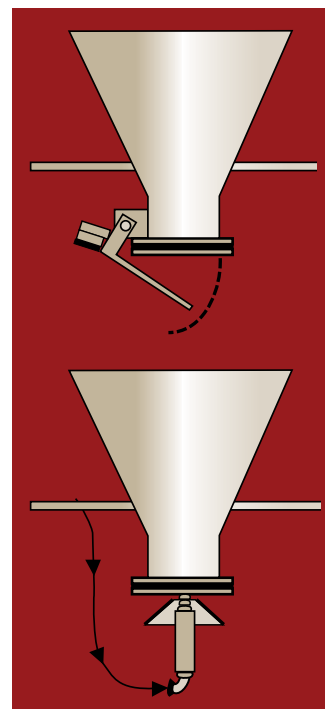
With a user-friendly operator interface, the Tech 2 microprocessor displays information indicating current receiver conditions, load times, and set points. In addition, Tech 2 controls make it easy to set virgin-to-regrind ratios. Clear, digital settings give the exact percentage. No more guessing.



## OPTIONAL CONICAL DUMP VALVE

This valve uses an air cylinder to open and close the material discharge to assure a good vacuum seal when dirty or high static materials are used. It also eliminates the problematic vacuum leak between the loader mounting flange and injection molding machine feed throat.

- Quick Release Lid Clamps
- High Efficiency Vacuum Motor
- Quick Release Motor Clamps
- Blow Back Solenoid for Automatic Filter Cleaning



Loader Accessories Kit Included

- Manual
- Flexible Hose & Hose Clamps
- Stainless Steel Pick-up Tube

## SPECIFICATIONS

	ML-1	ML-2	ML-3	BRUSHLESS MOTORS ML-4
Capacity (lbs./hr)	200	500	1000	500
Hopper Volume (cu. ft.)	0.1	0.3	1.3	.3
Ratio Loading	Optional	Optional	Optional	Optional
Automatic Filter	STD	STD	STD	STD
Loader Height (in.)	14.5	18	28	19
Stainless Steel Hopper	Optional	Optional	Optional	Optional
Microprocessor Controls	Optional	Optional	Optional	Optional
SPI Communications	Optional	Optional	Optional	Optional
Motor (HP)	1/2	1/2	7/8	1/2
Current Draw (Amps.)	8.5	8.5	11.8	4.7

**THORESON**  
**McCOSH INC**

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