

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

*for Small, Medium, and Large Machines*

### VM-SERIES FEATURES

- Illuminated Green On/Off Loader Control Switch
- Illuminated Red "No Material Fill" Alarm Light with Pulse Type Buzzer
- Flush Mounted Reset Button located on Loader Control Box
- 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
- Loads up to 1000 lbs./hr.
- Retrofittable Ratio Valve for Proportional Loading of Virgin and Regrind Material
- Protective Shroud for Discharge Valve



VM-1 Loader

### VM-1 and VM-2 SERIES

The VM-Series self contained thermoplastic resin material loaders have been designed for applications where material needs to be transferred from floor level into a dry hopper, surge bin or resin blender bin. The VM-Series Loaders are arranged for 115 volt, single phase 60 cycle current and powered by a high performance fan cooled vacuum motor. These units are engineered to vacuum transfer pelletized or regrind material from beside the press. *Note: Load rate will vary with regrind materials.* The unit's programmable timer gives easy access to Adjustable Load Times, Compressed Air Filter Blow Down Cleaning and "Ratio" Material Load Settings.

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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.

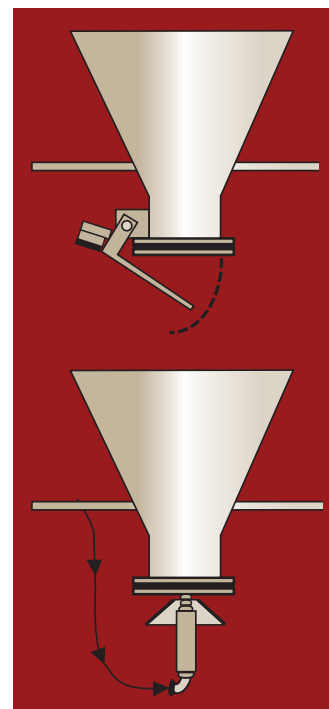


## OPTIONAL DUAL COMPONENT "RATIO" MATERIAL LOADING

Includes adapter ring for virgin and regrind materials with parallel material inlets, air cylinders, material line stopper valves and ratio control (0-100%). Also supplied with unit is an additional Stainless Steel Material Pick-up Wand, Flexible Material Line Transfer Hose and (2) Hose Clamps.

## OPTIONAL CONICAL DUMP VALVE

This valve uses an air cylinder to open and close the material discharge to assure a good vacuum seal when difficult or high static materials are being used.



- 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

	VM-1Bjr	VM-1B	VM-2	BRUSHLESS MOTORS VL
Capacity (lbs./hr)	200	500	1000	500
Hopper Volume (cu. ft.)	0.1	0.3	1.3	0.3
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
Motor (HP)	1/2	1/2	7/8	1/2
Current Draw (Amps.)	8.5	8.5	11.8	4.7

**THORESON  
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**Call: 248.362.0960**

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