



www.rmhoist.com

Variable Speed Loadmate®

Now it's easy to control the load with accuracy!



Variable speed hoists enable commercial and industrial facilities to reduce both energy consumption and maintenance costs, while offering flexible speed control of the load (lifting and traveling). Smooth starts and stops reduce the wear and mechanical stresses on structures and minimizes the load sway. All at an affordable price.



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STANDARD FEATURES INCLUDE:

- Load capacities from 1/2 to 2 Ton
- Hook suspended models
- Push trolley and motorized trolley models
- Stepless speed control for hoisting
- Hoist body is constructed of pressure-cast aluminum for light-weight and easy handling
- Epoxy paint for corrosion resistance and ribbed for better heat dissipation
- All models are equipped with a torque-limiting device for hoist overload protection
- Upper and lower limit switches
- Hoist motor thermal protection
- Chain container
- Plug-in push button pendant with E-stop for quick replacement



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Bulletin #VS/LDMT/2010/Web

R&M Materials Handling, Inc. may alter or amend the technical specifications identified herein at any time with or without notice.

ControlMaster INVERTER TECHNOLOGY:

The LoadMate® Variable speed hoist motion is based on an LM10 body with a ControlMaster inverter. Includes the following:

- ControlMaster inverter
- Brake resistance
- Brake control relay and rectifier
- Sensor bearing and speed protection system:
 - » Stall protection: stops the motion if the motor does not rotate.
 - » Overspeed protection: stops the motion if the speed of the motor is 20% above nominal speed.



OPTIONAL FEATURES INCLUDE:

- Motorized trolley motor thermal protection
- Special patented track, swiveling motor driven, and low headroom trolley configurations
- Upper and lower geared limit switch
- Stainless steel chain, block and hook
- Outdoor weather protection options
- Radio remote control
- Hour counter
- Works with R&M bridge crane kits

Standard Hoist Offering and Rating 460V-3Ph-60Hz						
Frame	US Cap. Ton	Duty ASME	Lift* in FT	Fall	Hoist Speed FPM 60 HZ	Hoist Motor H.P.
LM5	1/4	H4	10	1	3.4-64	1.4
LM5	1/2	H4	10	1	3.2-32	1.4
LM5	1	H4	10	2	1.6-16	1.4
LM10	1/2	H4	10	1	4-64	2.8
LM10	1	H4	10	1	2-32	2.8
LM10	2	H4	10	2	1-16	2.8

Refer to the LOADMATE® technical guide for more information at www.rmhoist.com

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