

SELF-CONTAINED VACUUM LOADERS

TLM Model Tube Loader

CM-TLM



SMALL PACKAGE, BIG LOAD & PERFORMANCE

The compact TLM model Tube Loader makes it easy to provide trouble-free automatic loading wherever you need it. Without a traditional conical hopper, the exclusive tube loader design means that your materials will always flow easily from the loader with no bridging or interruptions. Although small, the TLM vacuum loader provides material loading performance comparable to much larger units with a 4.5 inch diameter discharge valve and up to 150 lbs/hr of material transfer. You can be sure that material will never become lodged inside the loader, holding up your production.

KEY FEATURES

- Available as either a hopper loader or a direct feed "throat loader," the TLM's compact size and ease of use make it a perfect fit for a wide range of loading needs.
- Quick disassembly features allow wide open access to the filter and loader body for fast material changes and filter maintenance.
- The 318 Hp vacuum motor provides up to 150 lbs/hr conveying at nearly 20 feet. A blowback option extends filter life with an adjustable, independent filter cleaning cycle. Hose and feed tube are included so that your loader is ready to go to work, right out of the box.
- A simple control package provides a user-adjustable loading cycle to match your loading cycle to distance and material characteristics.
- An optional ratio valve allows virgin and regrind material loading, and the digital remote ratio control provides easy, repeatable time settings.

Compact, Economical, Trouble Free Loading

Rates up to 150 pounds per hour

Keep your machines full with material conveyed from up to 20 feet away.

Optional ratio valve

Add a ratio valve to conveniently load regrind along with virgin materials, plus get the benefit of a digital ratio control.

Optional remote on/off

Optional pendant on/off switch saves machine climbing or "plug-pulling" for easy on/off loader control.

All stainless construction

The TLM is constructed of 100% electro polished 304 stainless steel.

Easy-access hinged motor

No tools, swing clips open for easy maintenance.



SELF-CONTAINED VACUUM LOADERS

TLM Model Tube Loader

Loader model	TLM
Vacuum motor	3/8 Hp - 2 brush
Maximum injection mold machine size	400 tons
Maximum extruder size inches {mm}	1.5 {38}
Recommended throughput lbs/hr {kg/hr}	150 {68}
Maximum conveying distance ft {m}	20 {6.1}
Loader diameter inches {mm}	4.5 {368}
Loader volume ft ³ {liters}	0.1 {4.0}
Material/Vacuum line size inches {mm} OD	1.5 {38.1}
Available voltages, 50/60 Hz	120/220 VAC
Amps @ 120 VAC	8
Amps @ 220 VAC	4
Compressed air requirements	125 maximum psi, 1.4 CFM, NPT fitting: 1/4 in.
Filter area in ² {cm ² }	31 {201}
Filter type	spun-bond polyester

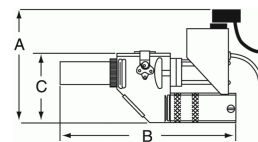


Use the **hopper loader** model to keep drying, blending and machine hoppers full of material. The large tube opening virtually eliminates material bridging.



The **direct feed** model allows full view of material flow and may be mounted directly to machine throats, feeders and drawer magnets. A wide range of capacities are available, with or without an isolator valve tar throats that are not vacuum tight.

Hopper Loading Model	TLM
Dimensions inches {mm}	
A - Height above mounting plate	15 {381}
B - Height to center of material inlet	5.5 {140}
C - Depth below mounting plate	5.0 {127}
D - Clearance hole diameter	6-5/8 {167}
Weight lb {kg}	
Installed	19 {9}
Shipping	42 {19}



The **compact ratio valve** fits directly to the TLM inlet and provides a connection to the ELC-M control for precise virgin/regrind time

Direct Feed Model

Loader model	TLM				
Viewing chamber model	1 lb	2lb	4 lb	15 lb	25 lb
Viewing chamber capacity lb {kg}	1 {0.5}	2 {0.9}	4 {1.81}	15 {6.8}	25 {11.3}
Isolator valve	option	option	standard	standard	standard
Dimensions inches {mm}					
A - Height above mounting plate	24.4 {619.8}	29.6 {751.8}	26.8 {680.7}	32.3 {820.4}	44.3 {1125.2}
B - Height to center of material inlet	12.5 {317.5}	17.6 {447.0}	16.8 {426.7}	22.3 {566.4}	34.3 {871.2}
Weight lb {kg}					
Installed	20 {9}	22 {10}	46 {21}	48 {22}	77 {35}
Shipping	34 {15}	36 {16}	74 {34}	96 {44}	105 {48}

