

Established in 1882
Masters of Mixing



Littleford Day USA

PVC AND THERMOPLASTIC MIXING

HIGH-INTENSITY MIXERS

MIXING SYSTEMS

COOLERS



EXPERIENCE

- ◆ Propylenes
- ◆ Polyolefins
- ◆ Polyethylenes
- ◆ Polyurethanes
- ◆ Wood Composites
- ◆ Color Concentrates
- ◆ Rigid and Flexible PVC Compounds

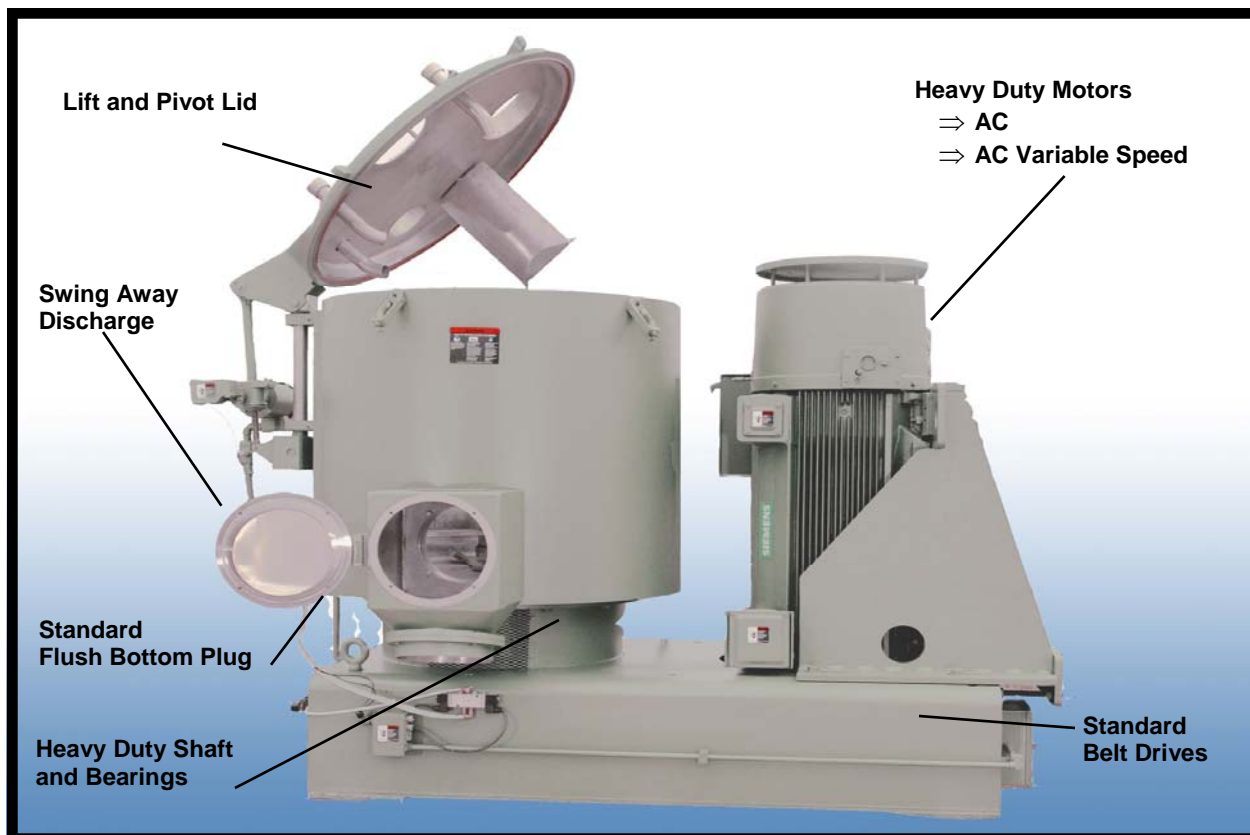
Serving YOU from Florence, Kentucky
Parts, Service, Engineering, Lab Support, Complete Manufacturing

Littleford Day, Inc. *American Owned and Operated*



HIGH-INTENSITY COMPOUNDERS

*Fast and Accurate Mixing
Highly Efficient Energy Transfer*



STANDARD FEATURES:

- ⇒ Coated High-Intensity Blades
- ⇒ Quality Batches Completed in 4 to 5 Minutes

*Best Development Center In The World
Over 8,000 Sq. Ft.
Plus Rental Program*

*Sales, Parts, Service, Engineering, Technical Support, Manufacturing, Expertise
All located at our 110,000 Sq. Ft. Factory in Florence KY USA*

CLAMSHELL COOLERS

Efficient Heat Transfer



STANDARD FEATURES:

- ⇒ Fully Jacketed Clamshell Design
- ⇒ ASME Code 90 PSIG Jacket
- ⇒ Jacket Insulation
- ⇒ 304 SS Construction
- ⇒ Wear Edged Plows
- ⇒ Water Manifold and Bypass Valve
- ⇒ Flush Bottom Discharge Door
- ⇒ Air Seals



Complete Compound Packages



Do You Really Know Us?

- ⇒ Since 1882 We Have Supplied Over 30,000 Machines To The Process Industry And Continue To Support Them
- ⇒ Built ASME Code Reactors For 270 PSIG
- ⇒ Conduct Over 220 Lab Tests Per Year
- ⇒ Supplied The Solid Rocket Fuel Mixers For NASA's Space Shuttle Program

Expertise in Four Major Markets:

- ⇒ Plastics
- ⇒ Chemical
- ⇒ Pharmaceutical
- ⇒ Food Sciences

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Littleford High-Intensity Mixer

We look forward to serving you from our Florence KY location

Model	Total Capacity (Cu. Ft.)	Working Capacity*		Horsepower*
		Pounds**	Cubic Feet (85% of Total Capacity)	Standard
LM-10	.35	9.6	.30	3
LM-300	11	288	9	100
LM-600	23	576	18	200
LM-1000	38	960	30	350
LM-1200	45	1152	36	400
LM-1500	57	1441	45	450
LM-2000	79	1921	60	600
LM-2500	92	2401	75	750

Higher Horsepower Available



Littleford Clamshell Cooler

Model	Total Capacity Cu. Ft.	Horsepower*
LR-700	26	10
LR-1500	53	20
LR-2500	88	40
LR-3500	124	50
LR-4500	159	75
LR-5500	194	100

Sizes up to 20,000 liter capacity available.
Note: Maximum 60% working capacity.



High-Intensity Mixer/Cooler Package

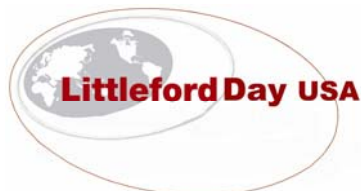
Model	Hourly Throughput (Single Batch)**			
	Rigid PVC (Lbs. / Hr.)		Plasticized PVC (Lbs. / Hr.)	
	Minimum*	Maximum*	Minimum*	Maximum*
LM600/LR1500	4800	5600	2640	3960
LM1200/LR3500	9600	11200	5280	7920
LM1500/LR4500	12000	14000	6600	9900
LM2000/LR5500	16200	18900	8910	13365
LM1500/LR4500/LR4500	Subject to Testing at Littleford Day Test Center			
LM2000/LR5500/LR5500	Subject to Testing at Littleford Day Test Center			

*Information disclosed in this spreadsheet are for informational purposes only.

All sizing must be evaluated and confirmed by Littleford.

**Working Capacity is based on Rigid PVC formulation at 32 pounds per cubic foot.

Above Data are typical only. Confirmation of throughput should be confirmed by the Littleford Technical Center. Production capacity for rigid formula is based on complete plants.



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