

Littleford-Lodige Fast Acting Laboratory Mixers

Designed for mixing dry products and for incorporating liquid, viscous, pasty, fatty, or oily additives into dry powders.

The Littleford-Lodige Mixer offers a new concept in mixing. For the first time in many years, a new idea in mixing is available . . .

Plow shaped mixing tools produce the unique hurling and whirling action that develops an intense but gentle intermingling of materials in free space.

Hurling and whirling action achieves mixing precision never before attained (mixtures with trace elements in proportions of one: one million are absolutely and homogeneously mixed in a fraction of the time heretofore required). Standard mixing

time for the Littleford-Lodige Mixer is generally in the area of two to three minutes duration.

Rubbing-grinding plates: The installation of rubbing-grinding plates between the plow-shaped mixing tools make these Laboratory mixers extremely versatile for solving the most difficult mixing problem. These plates are used for incorporating highly viscous or pasty products into dry powders. Flat extensions on the rear of the mixing plows force the mix against the perforated rubbing-grinding plates, incorporating liquids and eliminating agglomerates in the completed mix.

Available in 304 stainless steel and option of 316 stainless steel. Both have polished interiors.



**Put Littleford Mixers to the test.
Let us save you time and money.**

We want you to see firsthand how Littleford mixers can hold and improve quality while reducing production time. Our new Technical & Test Center is fully staffed and equipped to show you how the Littleford Mixer will perform with your product and process. Littleford's automatic material handling equipment can also be tested at the Center. The Center features complete facilities to simulate a production run so that you can actually see how the equipment will perform in your plant. If you prefer, however, we can ship a test mixer to your plant for evaluation there.

We can show you case history after case history of customer success stories. But we know that our best salesman is the on-the-scene evaluation of the mixer itself. Make arrangements today to have us evaluate your mixing needs in our cost-reducing, quality improving mixers.

LITTLEFORD BROS., INC.

4141 Airport Road, Cincinnati, Ohio 45226 / 513-321-9632

Model M-5-G

Excellent laboratory bench mixer. The M-5-G is filled directly through the vessel opening. Small quantities of solids or liquids may be added during the mixing process through an inlet on the cover. The inlet is sealed by a contoured door. For discharge, the vessel is turned downwards and material is discharged into a small container placed beneath the vessel.

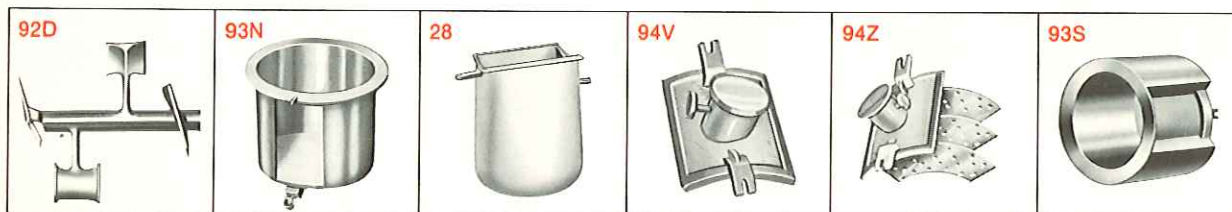
Standard unit consists of #93-N mixing drum, #92-D mixing elements suitable for use for all types of mixing, #94Z drum cover with rubbing and grinding plates, plus hopper with contour plug. #94V standard cover with inlet and contour plug. Drive ½ h.p., TEFC. Electrical controls with ammeter included.

Optional Equipment

#93-S Mixing drum with jacket

#28 Filling and emptying container

Total Capacity		Working Capacity		Drum	
Gallons	Cu. Ft.	Gallons	Cu. Ft.	Length	Diameter
1.32	.18	.79	.11	7"	7½"
Mixer			Motor Horsepower	Shaft RPM	Net Weight
Length	Width	Height			
31½"	9¾"	17¼"	0.5	200	110#



Model M-20-G

A very versatile laboratory tool. Filling is directly through the opening in the mixing vessel or by using the handy filling-emptying container. Small amounts of material may easily be added while mixing by pouring through an opening in the cover. Discharges into the Model 28 dust free filling and emptying container shown below.

Standard unit consists of #93-N mixing drum, #92-D mixing elements, #94-L drum cover with rubbing and grinding plates, and inlet with contour plug, #94K standard cover with hopper and contour plug. Drive 1½ h.p. TEFC. Electrical controls with ammeter included.

Optional Equipment

#93-S Mixing drum with jacket

#28 Filling and emptying container

Total Capacity		Working Capacity		Drum	
Gallons	Cu. Ft.	Gallons	Cu. Ft.	Length	Diameter
5.28	.71	3.17	.42	11"	11½"
Mixer			Motor Horsepower	Shaft RPM	Net Weight
Length	Width	Height			
37½"	17"	21"	1.5	200	240#

