

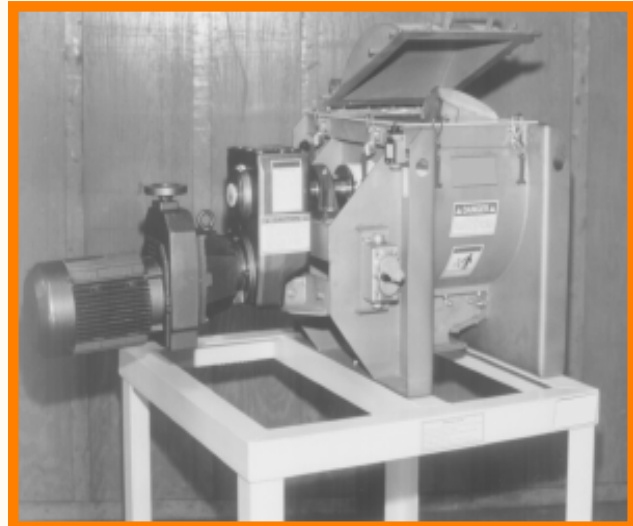


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HORIZONTAL PADDLE MIXER

Sepor's Horizontal Paddle Mixers range in capacity from 60 pounds (2 CF) up to 1,600 pounds (32 CF), and are designed both for batch and continuous operation. All models feature the blending action of the specially aligned rotating paddles, that keeps the material continuously overlapped and cross blended to obtain a completely uniform product throughout the batch, even with materials with widely varying densities.

The Horizontal Paddle Mixer handle a wide variety of materials and are especially suited for 'medium viscosity' materials. They effectively mix solids with solids, liquid to solids, or liquid to liquid. They are used in mixing chemicals, glass, minerals, fertilizer, foodstuffs, grain, ceramics, sand, wood, pastes, slurries, adhesives, cement and resins.



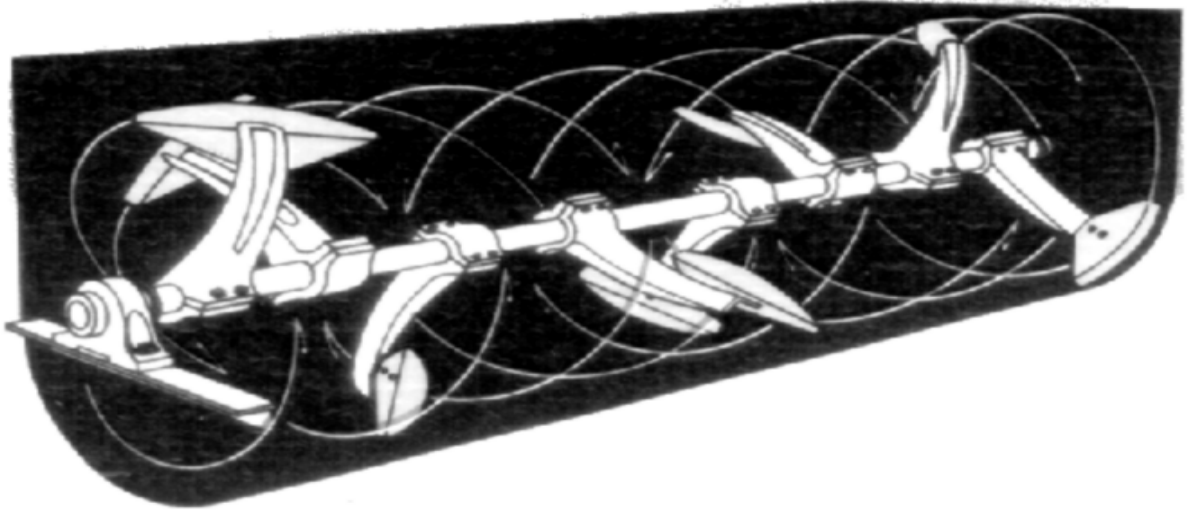
The paddle mixer's blades are curved to the contour of the u-shaped mixing chamber and are installed to allow close tolerance of 0.020" to 0.030" with the mixer shell. Since the blades are adjustable, this tolerance can be maintained throughout the life of the mixer. This close tolerance helps assure a thorough clean out of the mixer chamber and a positive discharge.

These Horizontal Paddle Mixer's are constructed of mild steel, or stainless steel, may be epoxy coated or lined with urethane. Mixers are furnished with a gasketed dust tight top cover, a discharge gate, an inspection window, legs to give the discharge height and a chain or polychain drive.

SPECIFICATIONS

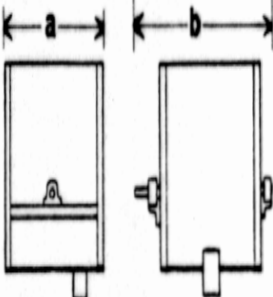
Model	Working Capacity Cu. Ft.	Total Capacity Cu. Ft.	Nominal Capacity Pounds			*HP Req'd Dry Free-Flowing	*HP Req'd Wet or Heavy	Standard RPM	Standard Discharge Clearance	Body Gauge	Shaft Size	Number Paddles	Inside Length	Inside Depth	Inside Width	Approx. Shipping Wt. In Pounds Mixer Only
			@ 32# Per Cu. Ft.	@ 40# Per Cu. Ft.	@ 50# Per Cu. Ft.											
080F-020	2	3	60	80	100	1	2-3	40	18"	10 ga.	1 15/16"	2	1'	25"	19"	400
080F-021	4	6	120	160	200	1	2-3	40	18"	10 ga.	1 15/16"	4	2'	25"	19"	500
080F-022	6	9	180	240	300	2	3-5	40	18"	10 ga.	1 15/16"	6	3'	25"	19"	600
080F-023	8	12	240	320	400	2	3-5	40	18"	10 ga.	1 15/16"	8	4'	25"	19"	700
080F-024	16	24	500	640	800	3	5-7 1/2	28	32"	10 ga.	2 7/16"	4	4'	38"	27"	1300
080F-025	24	36	750	960	1200	5	7 1/2-10	28	32"	10 ga.	2 7/16"	6	6'	38"	27"	1500
080F-026	32	48	1000	1280	1600	7 1/2	10-15	28	32"	1/4"	2 7/16" or 2 15/16"	8	8'	38"	27"	2800

TECHNICAL SPECIFICATIONS FOR HORIZONTAL PADDLE MIXERS



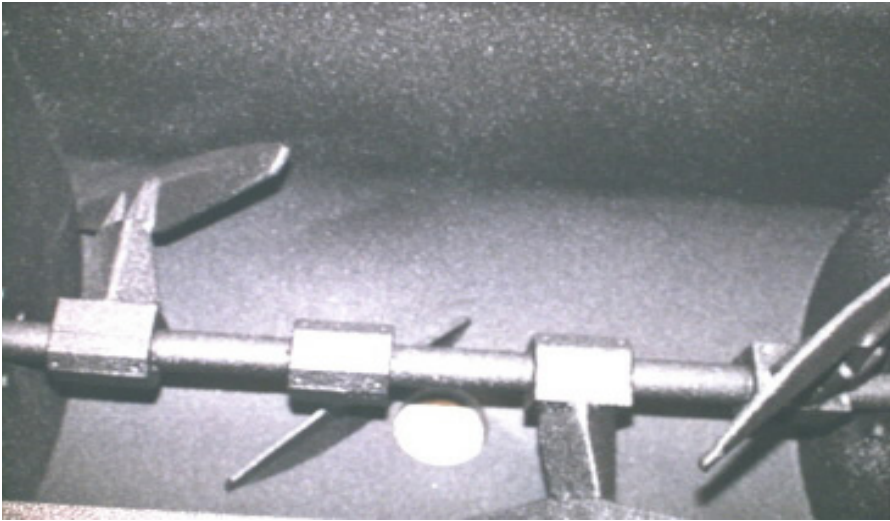
**ILLUSTRATION OF MIXING ACTION TAKING PLACE IN
HORIZONTAL PADDLE MIXERS**

General Dimensions Of Horizontal Paddle Mixers

DIMENSIONS		Model	a	b	Model	a	b		<p style="font-size: small;">*HP is approximate and can vary according to nature of materials.</p>
<p>NOTE: Sub-bases are furnished to meet the needs of individual applications.</p> <p>Overall width varies with drive used. Ask for certified dimensions. Larger mixers available with capacities to 315 cubic feet.</p> <p>Complete catalogue furnished on request.</p>		080F-020	25"	38"	SPECIAL	34"	44"		
		080F-021	25"	62"	080F-024	34"	68"		
		080F-022	25"	86"	080F-025	34"	92"		
		080F-023	25"	110"	080F-026	34"	116"		

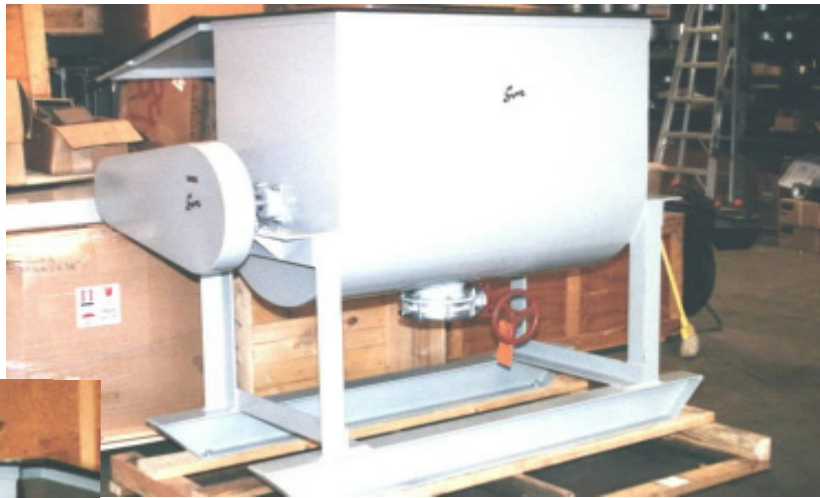
The components of the Horizontal Paddle Mixer are ruggedly constructed to give long life under hard, continuous use. The cylinder shell is made of extra heavy gauge steel, the paddle blades are hardened steel mounted on sturdy arms and a heavy duty alloy steel shaft which has a dust tight seal and extra heavy duty bearings. The discharge gate and top cover are dust tight. The drive unit is ruggedly built for heavy duty performance.

TECHNICAL SPECIFICATIONS FOR HORIZONTAL PADDLE MIXERS



Urethane Lined Paddle Mixer, showing paddles and center discharge

Front view of urethane lined paddle mixer, showing hinged lid on open position, center discharge.



End view of paddle mixer showing non drive end.