

2001 New Silverson High-Shear Incline Static Mixer

Mfg: Silverson

Model: 275LS

Stock No. TOG001.8

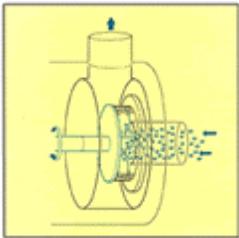
Serial No. 275LSM1939

2001 Silverson High-Shear Incline Static Mixer. Model: 275LS, S/N: 275LSM1939. Self-pumping throughputs from 19 to 189,500 liters/hr. Aeration-free. Product cannot bypass the precision rotor/stator workhead. Easy to install. Easy to operate. Easy to clean. Brook Crompton Invensys Motor, 1.5/1.75 kW, 2870/3440 rpm, 220-240/380-415 and 254-277/440-480 V, 5.9-5.6/3.4-3.2 amps, 50/60 Hz, 3 phase. Inlets/outlets: (2) 1-1/2 in. dia. with a 5 in. dia. flanges and (4) 1/2 in. attachment holes at a center-to-center distance 4 in. Overall dimensions: 22 in. L x 9-1/2 in. W x 12 in. H.

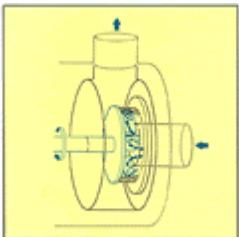
Silverson Inline Mixers -- A Closer Look

Silverson's line of high shear In-Line mixers offers a great many advantages to the processor - speed, versatility, self-pumping, aeration-free, guaranteed efficiency. At the heart of every mixer is Silverson's high performance rotor/stator workhead.

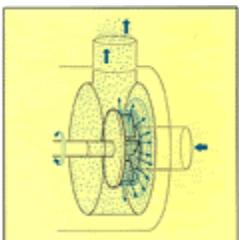
Stage 1. The high-speed rotation of the rotor blades within the precision machined mixing workhead exerts a powerful suction, drawing liquid and solid materials into the rotor/stator assembly.

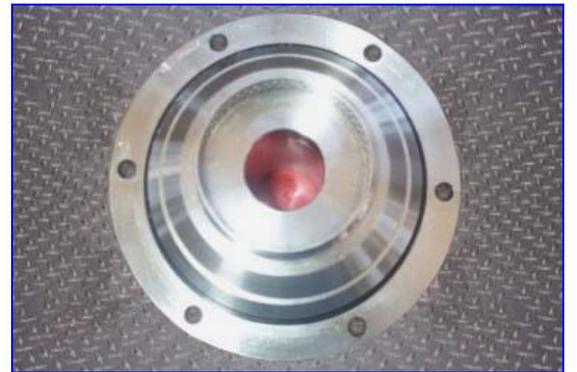


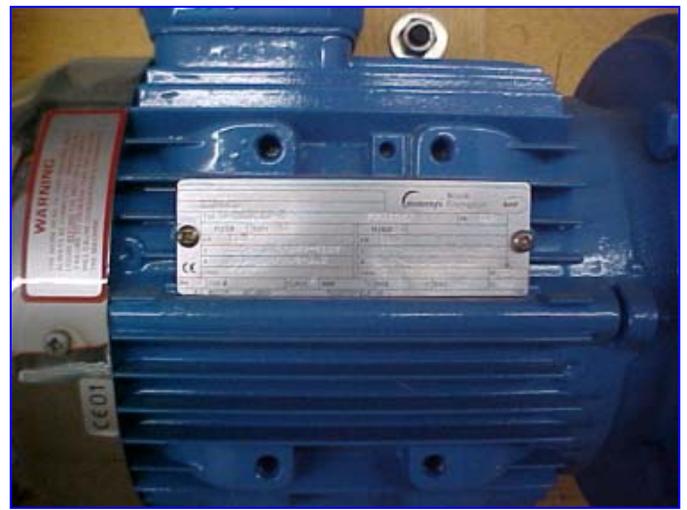
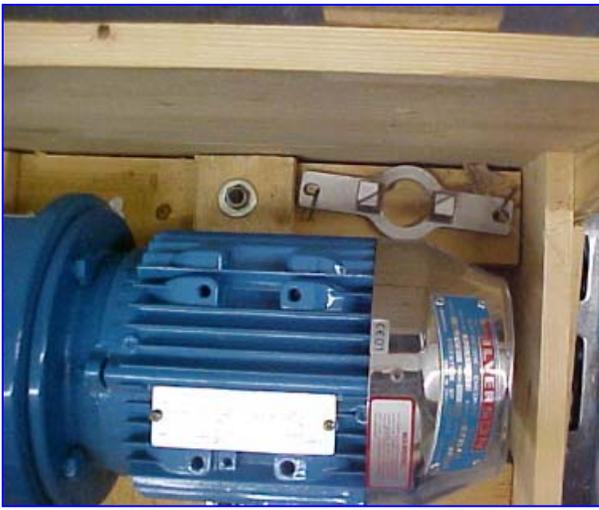
Stage 2. Centrifugal force then drives the materials towards the periphery of the workhead where they are subjected to a milling action in the precision machined clearance between the ends of the rotor blades and the inner wall of the stator.



Stage 3. This is followed by intense hydraulic shear as the materials are forced, at high velocity, out through the perforations in the stator, then through the machine outlet and along the pipework. At the same time, fresh materials are continually drawn into the workhead, maintaining the mixing and pumping cycle.







In-Line Mixers, flange fittings 50Hz Motors - Metric Dimensions

	kW	R.P.M.	TEFC A	EExd A	TEFC B	EExd B	C	D	E	Inlet/ Outlet
275LS	1.5	3000	483	476	140	230	56	146	167	38
425LS	4	3000	641	651	189	289	79	197	225	50
450LS	7.5	3000	641	651	189	289	79	197	225	50
600LS	15	3000	841	841	239	316	84	235	284	75
700LS	37	3000	1135	1085	325	370	111	356	479	100

