

## 1.3. SM.3MIL SERIES TRIPLE-SHAFT MIXERS

### AREAS OF USE

Silicone-based products, heavy printing inks, sealants, mastic adhesives, pastes, epoxy and polysulfide based high viscosity systems can be used in all areas where products need to be blended and homogenized in a short time. It has a wide range of applications as high and low speed mixing under vacuum can be applied simultaneously.



### STANDARD SPECIFICATIONS

These type of mixers are either floor mounted or platform mounted after a certain capacity. They can be used with fixed or mobile vessels. In addition to our standard models, they can be customized in accordance with your capacity and motor power for your projects. They have triple-shaft designs. The mixing shaft speeds are independent of each other and the frequency inverter technology has a variable-speed adjustment. Side scraper system and vacuum system are standard features. They can move up and down over their bodies with an electro-hydraulic system, and they can make mixing at the desired height. The cooling engines that allow long-term operation at low speeds and time-adjusted mixing ability as a standard specification.

### OPTIONAL SPECIFICATIONS

Ex-proof design in ATEX Zone 1 EEx dIIB T4 standards, Double-type disc, Temperature measurement system, Automatic up and down of the mixer according to the level of the product in the mixing vessel, load-cell weighing system, recipe-controlled semi-automatic or fully automatic PC / PLC control system are optional.

Machine Type	SM 10-3MIL	SM 100-3MIL	SM 300-3MIL	SM 500-3MIL	SM 1-3MIL	SM 1,5-3MIL	SM 2-3MIL	SM 3-3MIL	SM 5-3MIL
Disperser (Kw)	1,5 - 3	5,5 - 11	11 - 22	15 - 45	30 - 75	45 - 75	45 - 90	55 - 90	75 - 132
Butterfly Mixer (Kw)	4 - 5,5	7,5 - 15	15 - 30	30 - 55	55 - 90	55 - 90	75 - 110	90 - 132	110 - 162
Anchor Mixer (Kw)	0,75 - 1,5	4 - 5,5	7,5 - 11	11 - 15	15 - 30	22 - 45	30 - 55	30 - 55	45 - 55
Disperser Speed (rpm)	0 - 3000	0 - 1500	0 - 1500	0 - 1500	0 - 1500	0 - 1500	0 - 1500	0 - 1200	0 - 1200
Butterfly Speed (rpm)	0 - 1000	0 - 400	0 - 400	0 - 400	0 - 400	0 - 400	0 - 400	0 - 400	0 - 400
Anchor Speed (rpm)	0 - 100	0 - 20	0 - 20	0 - 20	0 - 20	0 - 20	0 - 20	0 - 20	0 - 20
Total Volume (Lt)	10	100	300	500	1000	1500	2000	3000	5000
Efficient Volume (Lt)	2 - 8	20 - 80	60 - 240	100 - 400	200 - 800	300-1200	400-1600	600-2400	1000-4000