

1. MIXERS



1.2. SM.2MIL SERIES BUTTERFLY MIXERS

AREAS OF USE

They are used in the production of sealants, printing inks, polyester paste, silicone products, adhesives, wall paste, PU casting compounds. The butterfly mixer works together with the high-speed dispersion disc to ensure mixing, homogenization and dispersion in a short period.



STANDARD SPECIFICATIONS

These type of mixers are either floor mounted or platform mounted after a certain capacity. They can be used with fixed vessels or movable (mobile) vessels. In addition to our standard models, they can be customized for your projects according to your desired capacity and engine power. They have double-shaft designs. The mixing shaft speeds are set independent of each other, while the frequency inverter technology has variable-speed adjustment. The side scraper system is available as a standard specification. 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

Movable and automatic vacuum system, 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 full automatic PC / PLC control system are optional.

Machine Type	SM 10-2MIL	SM 100-2MIL	SM 300-2MIL	SM 500-2MIL	SM 1-2MIL	SM 2-2MIL	SM 3-2MIL	SM 5-2MIL
Disperser (Kw)	1,5 - 3	5,5 - 11	11 - 22	15 - 45	30 - 75	55 - 90	75 - 110	90 - 132
Butterfly Mixer (Kw)	4 - 5,5	7,5 - 15	15 - 30	30 - 55	55 - 90	75 - 110	90 - 132	110 - 162
Disperser Speed (rpm)	0 - 3000	0 - 1500	0 - 1500	0 - 1500	0 - 1500	0 - 1500	0 - 1200	0 - 1200
Butterfly Speed (rpm)	0 - 700	0 - 300	0 - 300	0 - 300	0 - 300	0 - 300	0 - 300	0 - 300
Total Volume (Lt)	10	100	300	500	1000	2000	3000	5000
Efficient Volume (Lt)	2 - 8	20 - 80	60 - 240	100 - 400	200 - 800	400-1600	600-2400	1000-4000