

Sigma mixer SM-series



- Sigma mixer is a heavy duty mixer designed for dough mixing which is essential in the soaps, detergents, foods, rubber, chemical industries etc.
- The Z arm or Sigma blade is designed for uniform mixing and criss cross flow of materials.
- The blades rotate in the ratio of 1:1.5 (24 : 36) rpm
- The mixer is supplied with jacket or without jacket as per the requirement of the customer.
- We supply in different capacities with fully SS, Partly SS and fully MS constructions.
- Discharge is by hydraulic door opening system or through screw rod system.
- Heavy duty gear box and gears are used to withstand high viscous mixing.
- Sigma blades are solidly casted, machined, x ray tested before fitting.
- Minimal uniform gap is maintained between the trough and the blades.
- Capacity range 2000 kgs/ 1500 kgs /1000 kgs / 500 kgs / 250 kgs / 100 kgs / 50 kgs / 25 kgs / 10 kgs Batch Size

Model	SM-25	SM-50	SM-100	SM-250	SM-500	SM-1000	SM-2000
Batch Size (Kgs)	25	50	100	250	500	1000	2000
Contact Parts	SS304/MS	SS304/MS	SS304/MS	SS304/MS	SS304/MS	SS304/MS	SS304/MS
Z-Arm	Casted	Casted	Casted	Casted	Casted	Casted	Casted
Z-Arm ratio	1:1.5	1:1.5	1:1.5	1:1.5	1:1.5	1:1.5	1:1.5
Bottom Discharge	Tilting	Handle Operated	Handle Operated	Handle Operated	Handle / Hydraulic	Hydraulic	Hydraulic
					/Pneumatically Operated	/Pneumatically Operated	/Pneumatically Operated
Trough Size in mm	350 x 350	500 x 500	650 x 650	800 x 800	1000 x 1000	1200x 1200	1500x1500

Seal	Oil seal	Gland Pack	Gland Pack	Gland Pack	Gland Pack	Gland Pack	Gland Pack
Power Required in KW	2.2	3.7	5.5	22.5	30	37.5	37.5 x 2 nos
Dimension (LxBxH) in mm	850x650 x 1200	1800x800x1300	1800x800x1300	2000x1150x1500	3000x1400x 1700	3750x1650x 1900	4600x2050x 2200
Weight (Approx.) in kgs	750	1100	1250	2500	4200	6000	8500