

DOUBLE ARM 'Z' BLADE KNEADER MIXER

1. DESCRIPTION

The Chem Maco Double Arm 'Z' Blade Kneader Mixer is a heavy-duty mixing system designed for processing highly viscous, dense, and non-flowing materials such as adhesives, sealants, putty, rubber compounds, resins, and specialty chemicals. Its dual Z-shaped blades generate powerful kneading, folding, and shearing action to ensure thorough homogenization and consistent batch quality. Built with rugged industrial construction, the mixer delivers reliable performance, low maintenance, and long service life in demanding production environments.

ALSO AVAILABLE IN LABORATORY SCALE

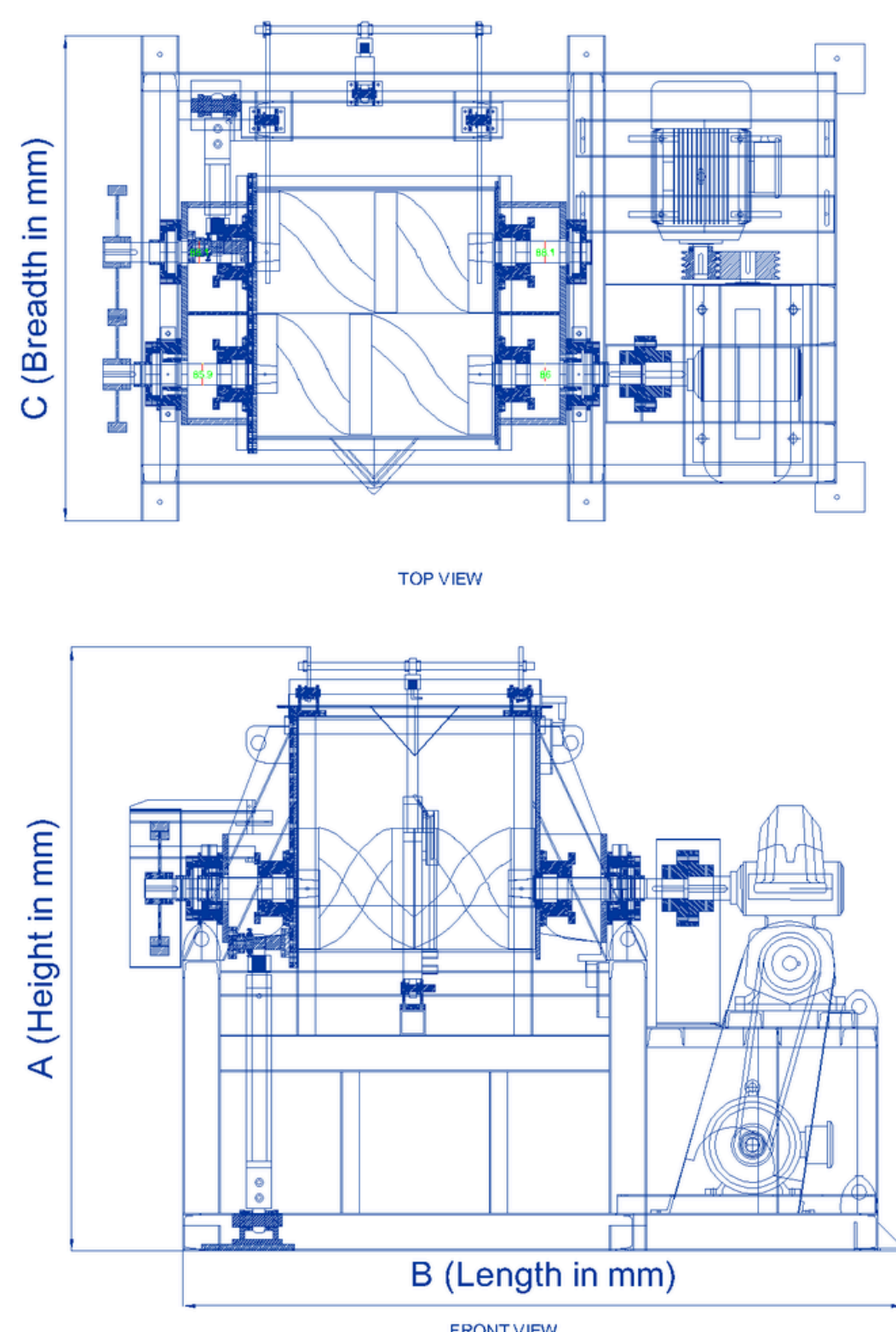


2. TECHNICAL SPECIFICATIONS

Specification	ZM-100	ZM-250	ZM-500	ZM-1000
Working Capacity	100 Kg	250 Kg	500 Kg	1000 Kg
Total Vessel Capacity	150 L	350 L	700 L	1400 L
Main Drive Motor	7.5 HP	15 HP	25 HP	40 HP
Gearbox Type	Heavy Duty Reduction Gearbox	Heavy Duty Reduction Gearbox	Heavy Duty Reduction Gearbox	Heavy Duty Reduction Gearbox
Gear Ratio	20:1	20:1	20:1	20:1
Blade Type	Double Arm Z Blade	Double Arm Z Blade	Double Arm Z Blade	Double Arm Z Blade
Blade Material	MS / SS304 / SS316	MS / SS304 / SS316	MS / SS304 / SS316	MS / SS304 / SS316
Tilting Arrangement	Manual / Hydraulic	Hydraulic	Hydraulic	Hydraulic
Discharge Type	Tilting Vessel	Tilting Vessel	Tilting Vessel	Tilting Vessel
Construction	MS / SS Contact Parts	MS / SS Contact Parts	MS / SS Contact Parts	MS / SS Contact Parts
Operation	Batch Type	Batch Type	Batch Type	Batch Type
Control Panel	Standard / FLP Optional	Standard / FLP Optional	Standard / FLP Optional	Standard / FLP Optional
Power Supply	415V, 3Ph, 50Hz	415V, 3Ph, 50Hz	415V, 3Ph, 50Hz	415V, 3Ph, 50Hz

Note: All capacities are approximate and may vary depending on material viscosity, specific gravity and process conditions.

3. GENERAL ASSEMBLY DRAWING



4. DIMENSIONS (APPROX)

Model	A Height (mm)	B Length (mm)	C Breadth (mm)
ZM-100	1650	1500	900
ZM-250	1900	1900	1100
ZM-500	2200	2400	1400
ZM-1000	2600	3200	1800

Note: Dimensions are approximate and may change based on customization.

