

Technical data

TANDEM mixer



	Unit	IM320E	IM550E	IM550ET	IM1000ET
Chamber volume	l, approx.	332*	565*	620	980
Useful volume at fill factor 0.7	l, approx.	232	396	-	-
Batch weight at specific gravity 1.2 kg/l	kg, approx.	279	475	279**	475**
Standard rotor speeds***	rpm	5-50	5-50	5-50	5-50
Related motor power	kW	140-1,400	255-2,550	100-1000	150-1,500
Ram pressure on compound (hydraulic ram)	N/cm ² , approx.	50	50	-	-
Useful volume of the feeding hopper: up to the feed door shaft (including mixing chamber throat)	l, approx.	730	1,184	-	-
Dimensions of feed hopper	Length in mm	1,016	1,200	1,200	1,350
	Width in mm	500	610	610	710
Dimensions of drop door (discharge opening)	Length in mm	1,016	1,200	1,200	1,350
	Width in mm	520	610	610	710
Space requirements for mixer and gearbox (excluding motor)	Length in mm	6,600	6,200	6,200	7,700
	Width in mm	4,650	5,200	5,200	5,200
	Height in mm, approx.	6,500	7,000	3,000	3,500
Weight of internal mixer (excluding gearbox and motor)	kg, approx.	41,000	56,000	42,000	61,000

* Chamber volume is the effective free volume of the mixing chamber with closed ram.

** Batch weight excluding any additional feed into the lower mixer.

*** In addition to the rotor speeds stated, higher or lower speeds can also be specified. The corresponding motor powers will in most cases be lower than the figures quoted, however for some compounds, depending on their composition, the ram pressure and the mixing method used, higher motor powers may be required.

All data are nominal and may vary to suit a specific application



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