

INTERMIX[®] VIC SERIES

INTERMESHING MIXER – *Technical data*



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	Unit	IM110VIC	IM190VIC	IM320VIC
VIC® mixer		VIC95X	VIC165X	(VIC275X)
HF hopper		IM90E	IM135E	IM250E
Chamber volume*	l, approx.	104	191**	318**
Useful volume at fill factor 0.75	l, approx.	78	143	238
Batch weight at specific gravity 1.15 kg/l	kg	90	164	274
Standard rotor speeds***	rpm	60–70	60–70	60–70
Related motor power	kW	510	900	1,470
Ram pressure on compound <small>(pneumatic or hydraulic ram)**</small>	N/cm ² , approx.	50	50	50
Useful volume of the feeding hopper: up to the feed door shaft <small>(including mixing chamber throat)</small>	l, approx.	114	172	338
Useful volume of the feeding hopper: up to the feed opening <small>(including mixing chamber throat)</small>	l, approx.	277	410	753
Dimensions of feed hopper	Length in mm	650	760	925
	Width in mm	340	380	480
Dimensions of drop door <small>(discharge opening)</small>	Length in mm	720	850	1,000
	Width in mm	290	350	480
Space requirements for mixer and gearbox <small>(excluding motor)</small>	Length in mm, approx.	3,800	5,100	6,300
	Width in mm, approx.	2,700	3,300	3,600
	Height in mm, approx.	4,500	5,300	6,200
Weight of internal mixer <small>(excluding gearbox and motor)</small>	kg, approx.	13,000	20,500	37,000

Noise data – the effective A-weighted emission sound at the operating platform depends on the configuration of the mixing line.

* Chamber volume is the effective free volume of the mixing chamber with closed ram.
** PES5 rotors

*** 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.