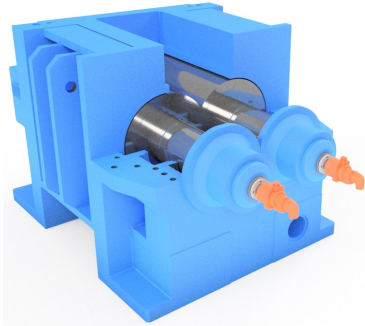
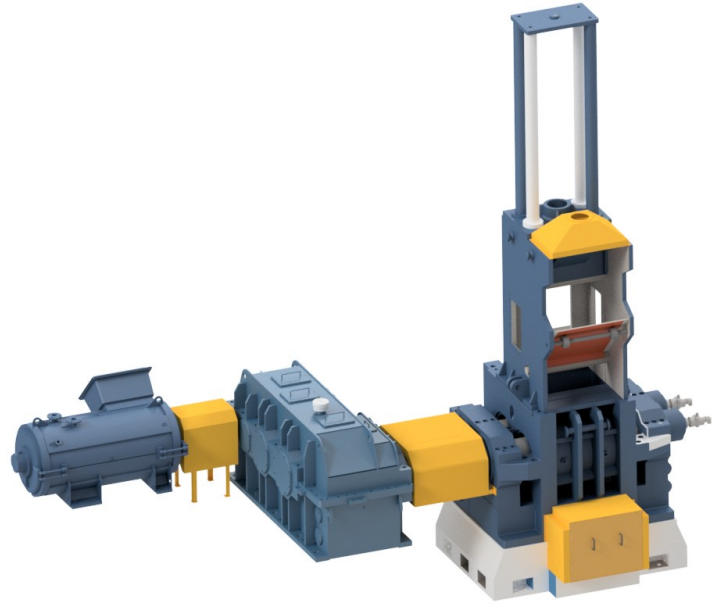


INTERNAL MIXER



- Can be equipped with intermeshing or tangential rotor to meet customer needs.
- Controlled by an advanced PLC, with recipes and parameter fully customizable from touchscreen next to the loading door.
- Compound quality is ensured thanks to the efficient water cooling system.
- Safe to use, the entire process is controlled by several safety sensors.
- Modular construction to facilitate the installation and the maintenance.
- Complete automatic system from loading of raw material to the discharge of the compound in to the skipper.



Our Internal Mixer ensures efficient, high-quality mixing of rubber and plastic compounds with its advanced rotor design. Offering both tangential and intermeshing rotors, it delivers optimal performance for various production needs. The water cooling system maintains temperature stability, ensuring consistent mixing. Advanced electronic controls and a PLC-based recipe management system enable quick setup and monitoring of key parameters. Designed for flexibility and precision, the mixer reduces downtime and maximizes productivity in industrial settings.

FEATURES AND TECHNICAL DATA

Intermeshing rotors

Item	Model	X(S)IM-90E	X(S)IM-135E	X(S)IM-160E	X(S)IM-190E	X(S)IM-270E
Total volume (L)		87	139	160	195	250
Filling factor		0.65	0.65	0.65	0.65	0.65
Rotor speed (r/min)		6-60	6-60	5-50	6-60	4-40
Max ram pressure (MPa)		0.6	0.6	0.6	0.6	0.6
Main motor power (KW)		520	750	750-800	1,250	1,250-1,500
Overall Dimensions	L	7,000	8,500	8,600	5,950	7,450
	W	2,800	3,100	4,800	3,400	4,140
	H	4,150	5,000	5,730	5,600	6,270
Total Weight (kg)		23,000	31,500	36,000	45,000	59,000

Tangential rotors

Item	Model	X(S)IM-15	X(S)IM-50	X(S)IM-80	X(S)IM-110	X(S)IM-160	X(S)IM-250/20	X(S)IM-270	X(S)IM-370
Total volume (L)		1.5	50	80	110	160 (2-wing) 147 (4-wing)	250	250	395
Filling factor		0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Rotor speed (r/min)		0-80	4-40 (40)	4-40 (40)	4-40 (40)	4-40 (30)	20	4-40	6-60
Max ram pressure (MPa)		Max 0.3	0.27	0.37	0.58	0.5	0.24	0.52 0.6 Hydraulic	0.54 0.6 Hydraulic
Main motor power (KW)		37AC	90DC (95AC)	200DC (210AC)	250DC (240AC)	500DC (355AC)	240AC	1250DC (1250/1500AC)	2x1250DC
Overall Dimensions	L	2,700	5,560	5,800	6,000	8,900	7,500	7,450	11,150
	W	1,200	2,700	2,500	2,850	3,330	3,900	4,140	4,960
	H	2,040	3,250	4,155	4,450	6,050	4,730	6,270	7,040
Total Weight (kg)		2,000	16,000	22,000	29,000	36,000	33,500	59,000	78,000