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SFL Series PET Blow Moulding Machine Catalogue



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SFL series blow molding machine is specially designed for PET water bottle, hot-fill bottle, CSD, edible oil and cosmetic containers production.

It is the only one that adopts all servo control system in China, with stable structure and high speed, the way of PID self-feedback nonstop heating can make use of the infrared heating efficiently, which is energy saving and easy to maintain, the equipped mold is very flexible which can meet the needs of non-stop inline produce. The touchable screen control and temperature adjustment simplified the temperature adjustment for different bottle blowing.

Turnover Servo: to change the position of preform upside down. Oven Servo: drive the main chain in the oven Stretch Servo: drive the stretch rod to make precisely stretch Transfer Servo: take out the bottle when finish blowing

First invented rotary preform feeding structure in China, which is very stable and reliable and applicable of different size of preform.

The servo conveying system with high accuracy of position, quick speed and good stability, as there is no air resource which is energy saving and with low maintenance charge.

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Servo motor controls the stretch rod to stretch the preform. The advantage is: it can stretch the preform by phase, firstly, position the preform, make the preform in a vertical position, then second stretch. By this way it guaranteed the stretch of the preform evenly and consistently. The stretch speed is very fast and accurate.

The carrier and carrier head is separate, which can changed different carrier head in a short time, the speed of the carrier rotation device is changeable which can adjust the rotation speed of the preform and make sure that the preforms are heated evenly.

The reversal structure design is easy for the adjustment of the height of the lamp and the distance between the lamp and preform and also for lamp change. The non-stop heating mode guaranteed every

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SFL-PET Series	Unit	GKL3	SFL4	SFL6	SFL8
Productivity	Bph	2400	5000-5500	7000-7800	12000-14000
Container volume	L	5	2	2	0.65
Max neck diameter	MM	38	38	32	38
Max bottle diameter	MM	105	105	110	70
Max bottle height	MM	350	335	330	250
Cavity	PCS	3	4	6	8
Main machine size	M	7.5*5.1*2.6	4.5*2.1*2.5	6.2*2.35*2.6	6*2.1*2.7
Machine weight	T	10.5	8	7	9
Max heating power	KW	95	80	129	126
Installation power	KW	110	90	155	140
Blowing pressure	MPA	4.8	4.2	4.2	4.7
High pressure consuming	m3/min	10-11	8-9.5	9-10	8-9
