GUAN XIN PLASTIC MACHINERY

IBM Series

Injection Blowing Molding Machine

IBM 系列注吹专用注塑机

全国热线：Dedicated service

400 005 3233

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中文网站

English

广东光之升智能装备有限公司
GUANGZHOU GUANXIN PLASTIC MACHINERY LIMITED

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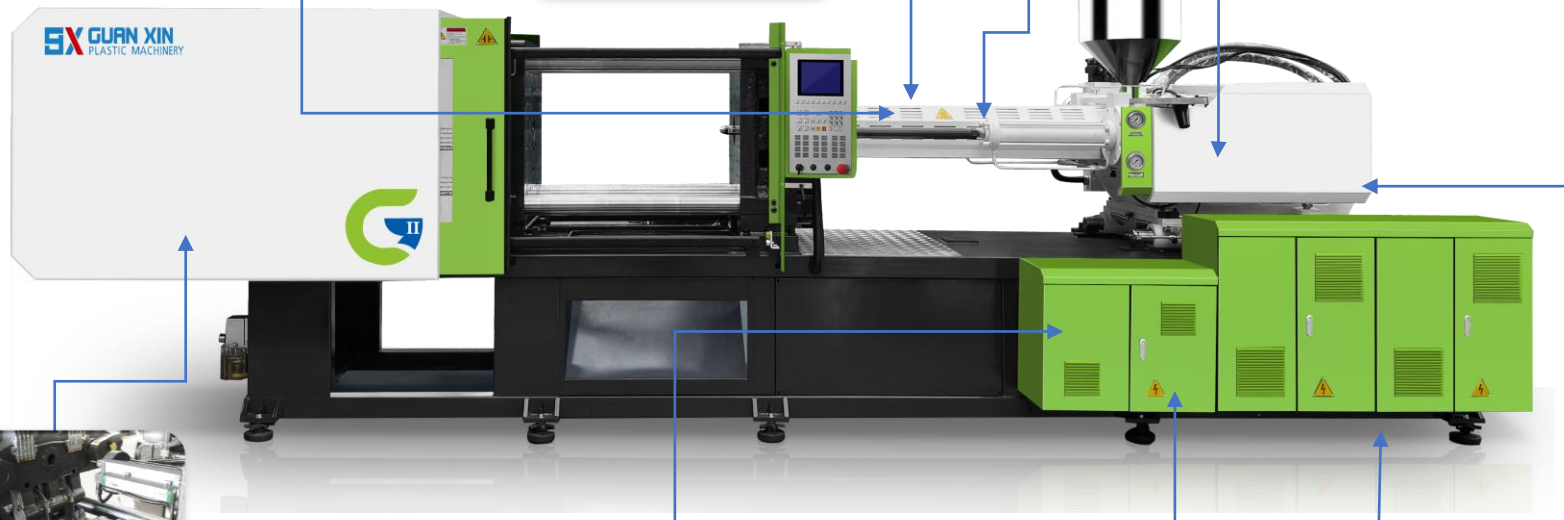
01 中国注塑机十大品牌 02 国家高新技术企业

Parameters

Dedicated designed for IBM

Professional supplier for Injection Blow Molding Solution



标配纳米红外加热线圈，熔胶升温快，能效高，环保节能。

Standard Nano-infrared heater bands, melting faster, energy saving and eco-friend.

优异的熔胶温度PID控制，保证注吹生产工艺更稳定性。

Excellent melting temperature control system, More stable of molding process.

专用螺杆设计，混色更均匀，有效防止制品拉丝、色块色斑的产生。

Optimized designed screw, can effectively avoid bottle molding defects like water mark, colored patches etc.

采用非焊接式油管扩口接头，有效防止漏油情况。

Adopt non-welded tubing flaring design. Getting more tight after long time running and avoid oil leaking.

精密液压油路控制系统。标配开模刹车，高低压转换平稳，冲击力低，机铰更耐用，开模重复精度0.1mm。

Precision hydraulic oil circuit control system. Mold opening brake, smooth high and low pressure conversion, low force impact, more durable machine hinge, mold opening repetition accuracy ca n reach 0.1mm.

溶胶采用高扭矩低转速马达，提高了塑化精度。

The charge adopts high torque and low speed motor，which improves the plasticization precision.

连杆支点强化，整体钢性更强，受力点更均衡。

Strengthened connecting rod fulcrum. Stronger rigidity and the stress transferred more even, great helpful to avoid platen broken.

电脑集成模具温控系统，多点温控端口，保证注吹模具长期平稳运行。

Integrated mold temperature control I/O point, ensure the injection mold working smooth.

采用固态继电器进行温度控制，料筒温度控制更精准合理。

Solid state relays for temperature control, melting temperature can be more precise and reasonable.

标配节能伺服电机，更节能环保，投资回报率高

Servo motor driven, energy saving and more quiet. With high return on investment

Parameters

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Specification	Unit	IBM1700-KII			IBM2100-KII			IBM2600-KII			IBM3000-KII			IBM3500-KII			IBM4000-KII			
CLAMPING UNIT																				
Clamping Force	KN	1700			2100			2600			3000			3500			4000			
Opening stroke	mm	430			490			560			610			660			730			
Max. daylight	mm	950			1040			1140						1340			1460			
Movable platen size	mm x mm	700 x 700			780 x 780			850 x 850						990 x 990			1070 x 1070			
Space between bars	mm x mm	470 x 470			530 x 530			580 x 580			610 x 610			680 x 680			730 x 730			
Max. mold height	mm	520			550			580			630			680			730			
Min. mold height	mm	180			200			220			230			250			280			
Ejector stroke	mm	140			150			150			150			160			180			
Ejector force	KN	45			62			62			62			62			110			
INJECTION UNIT																				
Screw diameter	mm	40	45	50	45	50	55	50	55	60	55	60	65	60	65	70	65	70	75	80
Screw L/D ratio	/	22.5	20	18	22.2	20	18.2	22	20	18.3	21.8	20	185	21.7	20	18.6	21.5	20	18.7	17.5
Shot volume	cm^3	264	334	412	374	461	558	500	606	721	665	791	929	848	995	1154	1078	1250	1435	1633
Shot weight (@PS)	g	240	304	375	340	420	508	455	551	656	612	728	855	780	915	1062	992	1150	1320	1502
	oz	8.46	10.73	13.22	11.99	14.81	17.91	16.05	19.4	23.1	21.6	25.7	30.2	27.6	32.3	37.5	35	40.6	46.7	53.1
Injection rate	g/sec.	114	145	179	138	171	206	172	209	248	184	219	257	225	265	307	277	322	369	420
Injection Pressure	Mpa	241	190	154	221	179	148	225	186	156	211	178	151	215	183	158	219	189	164	144
Injection Stroke	mm	210			235			255			280			300			325			
Injection speed into air	mm/s	100			86			87			77			79			83			
Screw speed	rpm	227			189			180			180			180			161			
POWER UNIT																				
Hydraulic system pressure	Mpa	16			16			16			16			16			16			
Motor power	KW	20			23			29			29			39			44			
Heater power	KW	9.5			13.9			15			17			19.5			23.2			
GENERAL																				
Hopper Capacity	L	60			60			60			60			80			80			
Oil Tank Capacity	L	200			230			270			340			360			425			
Machine Weight	Ton	5.2			6.3			6.3			9.1			11.2			13.5			
Machine Size	M	5.11 x 1.24 x 1.98			5.56 x 1.37 x 2.03			6.04 x 1.44 x 2.02			5.87 x 1.76 x 2.05			6.54 x 1.88 x 2.16			7.17 x 1.98 x 2.19			