



WWW.CHANGSHENGDA.COM

CSD WORLD



CHANGSHENGDA



CHANGSHENGDA

Dear Sir and Madam:

We sincerely invite you to browse the CSD World.

The presented content is the CSD Machinery's products, we hope you can like the content in this brochure.

Changshengda Machinery (Zhejiang) Co. Ltd. (CSD) was established in 1992 with a registered capital of \$5.2 million USD from Australian sole-ownership enterprises, and boasts a 61979 square meter factory zone. The company specializes in research and development in environmental protection, high-precision energy saving injection molding machines for medical and food industry, PET two stage automatic injection stretch blow molding machines, automatic extrusion blow molding machines and various types of plastic molds and other hi-tech products.

CSD's products are continuously being innovated in a bid to ensure our customer is one step ahead in the industry.

Please enjoy the wonderful content in this brochure.

For more information please login www.changshengda.com to refer to the electronic manual.

We also sincerely invite you to visit our company, to experience the advantage of CSD's product, and discover the most suitable products for you together. Welcome to book your visiting with our experts, and enjoy our distinguished personal service.

Our sincere thanks to you, and looking forward to your visit.

Best Regards

CHANGSHENGDA MACHINERY

尊敬的阁下，

我们在此诚邀您浏览昌盛达世界。

图册所呈现的短片，为昌盛达的系列产品，希望您能喜欢画册的精彩内容。

昌盛达机械(浙江)有限公司成立于1992年，注册资金520万美元为澳洲独资企业，厂房占地面积61979平方米，率先专业研发生产、环保、高精度、高速医疗食品专用注塑机、全自动高速中空注拉吹、挤吹吹瓶机、各种全热流道医用、食品包装用模具等高科技创新产品。

昌盛达为使我们的客户领先于行业而不断努力创新奋斗。

敬请欣赏随图册的精彩内容，并登录 www.changshengda.com 参阅电子手册。

我们诚挚地邀请您亲临昌盛达公司，进一步体验本系列产品的优势所在，一同探索精密智造产品的、最适合您的产品，欢迎您与专属专家预约到访时间，悦享尊贵的私人服务。

向您致以由衷的感谢，期待您的亲临

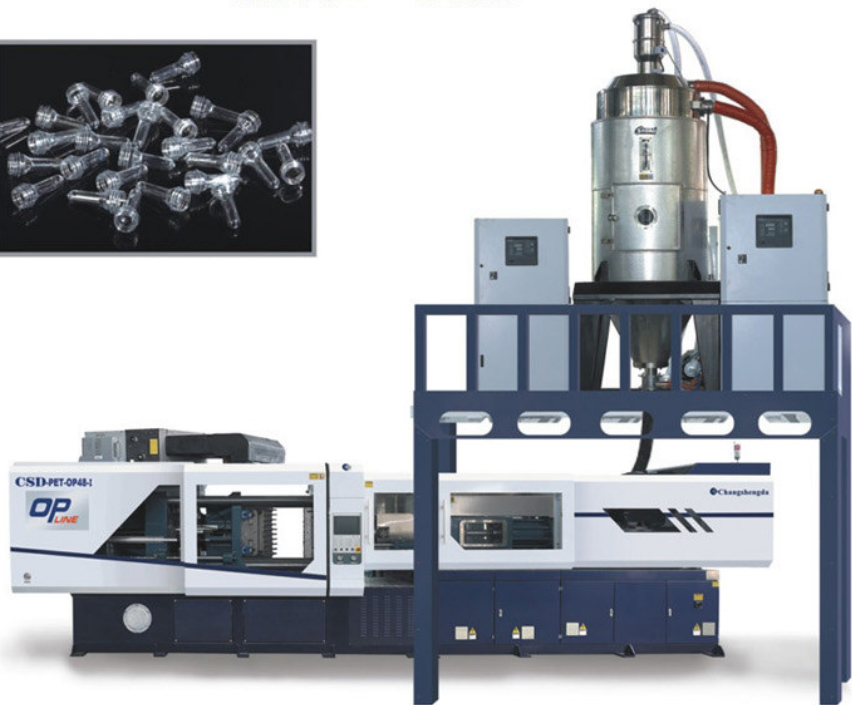
礼敬，

昌盛达机械（浙江）有限公司

CSD-PET-OP

SERIES, HIGH CAPACITY DIRECT PRESSURE PET OUTSIDE COOLING PRODUCTION LINE
OP系列高产能直压式PET瓶胚膜外冷却生产线

Our expertise—your advantages
我们的专业——您的优势



CSD-PET-OP48(CAV.)
CSD-PET-OP72(CAV.)

Best investment per output

高产能追求的最佳投资选择

Features: Direct pressure mold clamping system, the most stable mold clamping system
特点: 直压式开合模机构, 最稳定的锁模机构。

Environmental protection: No contact between 4 tie bars and moving template, lubricating oil free
环保: 哥林柱四柱杆与中移动模板不接触, 无润滑油污。

Advantage: One station manufacturing for the preform mold and injection molding machine,
优势: 一站制造生产PET瓶胚模具+PET专用高速注塑机



No contact between 4 tie bars and moving template linear guideway
哥林柱与中移动模板脱开不蹭蹭直线导轨



outside cooling Robot parts
模外冷却机械手部分



Dual-stage injection unit
二级注射



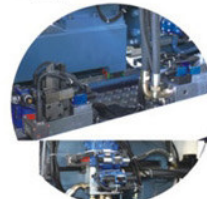
Preform mold and outside cooling Robot
瓶胚模具及模外冷却手爪



Nitrogen assisted injection and moving system
氮气辅助注射及移动系统



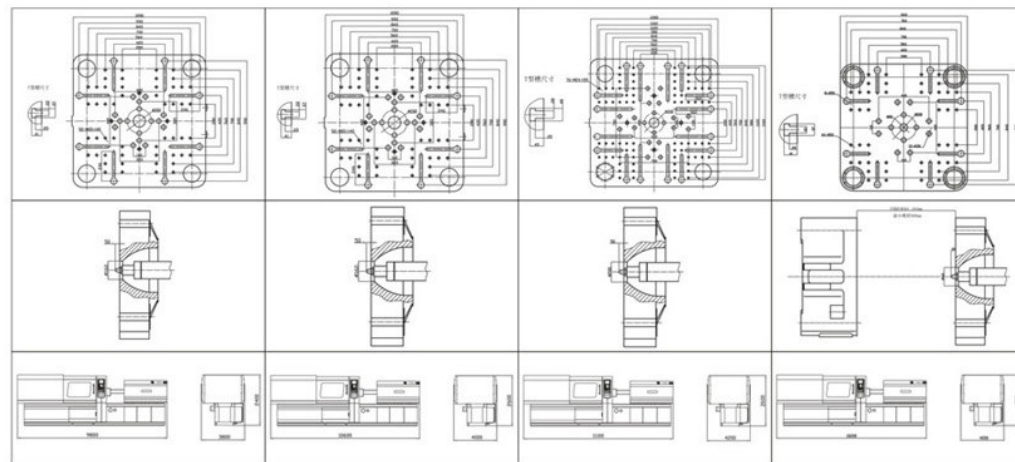
European brand control system
欧洲高端品牌控制器



Servo valve
伺服阀

OP SERIES HIGH CAPACITY AND OIL FREE OUTSIDE COOLING INJECTION MOLDING MACHINE'S TECHNICAL DATA
OP系列高产能直压式模外冷却注塑机技术参数

		CSD-PET-OP48-I	CSD-PET-OP48-II	CSD-PET-OP72-I	CSD-OP-5GAL
INJECTION UNIT 注射部分	Screw Diameter 螺杆直径	mm	100	120	120
	Screw L/D Ratio 螺杆长径比	L/D	25	25	25
	Shot Volume(theoretical) 理论注射容积	cm ³	2900	4180	4180
	Shot Weight 注射重量	g	3480	5016	5016
	Injection Pressure 注射压力	Kgf/cm ²	875	875	875
	Plasticizing Capacity 塑化能力	g/s	205	303	303
CLAMPING UNIT 锁模部分	Mold Clamp Mode 锁模形式	rpm	hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模
	Clamping Force 锁模力	KN	4200	4200	5500
	Open Stroke 锁模行程	mm	720	720	800
	Maximum Open Distance 模腔最大开距	mm	1500	1500	1650
	Min-Max Mold Thickness 容模量	mm	320~780	320~780	400~850
	Space Between Tie Bars(宽x高)	mm	740×740	740×740	850×850
	Ejector Force 顶出出力	KN	160	160	240
	Ejector Stroke 顶出行程	mm	220	220	260
	Cavity(max) 腔数 (Max)	P/iece	48	48	72
	Mouth 最大模口	mm	30	40	30
MOLD 模具	Max.Preform Weight 最大预成型重量	g	32	48	28
	Mold Form 模具形式		Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道
POWER 装机功率	Robot Power 机械手功率	Kw	28	28	32
	Barrel Heater Power 筒胶加热功率	Kw	64	80	80
	Heater Power 加热功率	Kw	42	42	50
	Pump Motor Power 油泵马达功率	Kw	100	127	145
		°C	6-12	6-12	6-12
OTHERS 其它部分	Freeze Water 冷冻水	Mpa	0.6-0.8	0.6-0.8	0.6-0.8
		L/min	600	600	600
	Cooling Water 冷却水	°C	20-25	20-25	20-25
		Mpa	0.3	0.3	0.3
	Compressed Air 压缩空气	L/min	200	200	300
		Mpa	0.7-0.9	0.7-0.9	0.7-0.9
	Air Dryer 干燥机	L/min	1000	800	800
		Kg/min	250-450	250-450	250-450
		Kg/min	300-500	300-500	300-500
	Mould Dehumidifier 模具除湿机	Model	MSP-2000	MSP-2000	MSP-2000
		°C	-40	-40	-40
	Output 产量	Pcs/h			180



CSD-PET-OP48-I

CSD-PET-OP48-II

CSD-PET-OP72-I

CSD-OP-5GAL



Water Chiller
冷水机



Air Compressor
空压机

CSD -PET-DP SERIES HIGH PRECISION, HIGH CAPACITY
DIRECT PRESSURE PET PRODUCTION LINE
系列高精度高速直压式PET注塑生产线

Lowest conversion costs
最低转换成本




MODEL	CSD-PET-DP18	CSD-PET-DP26	CSD-PET-DP32	CSD-PET-DP48	CSD-PET-DP64
Mould cavities (cav.)	18	26	32	48	64

The pre blow molding process of 30/25preform (12 gram)
PET应用：预吹工艺成型30/25瓶坯（12克）


MODEL 机器型号	Mould cavities (cav.) 模具腔数	Production cycle (s) 生产周期(S)	Production capacity (pcs/hour) 每小时产量(只)
CSD-PET-DP18	18	12	5400
CSD-PET-DP26	26	12	7800
CSD-PET-DP32	32	12	9600
CSD-PET-DP48	48	12	14400
CSD-PET-DP64	64	12	19200

Innovation: synchronization of mold opening, ejection and charging
High speed: Nitrogen assisted injection system
Features: Direct pressure mold clamping system, the most stable mold clamping system
Environmental protection: No contact between 4 tie bars and moving template, lubricating oil free
Precise: Servo valve injection system, 100% accurate in repeated injection
Performance: Double differential circuit, mold clamping speed is increased
Energy-saving: Double closed-loop servo system
Control: European brand is applied in temperature control, temperature control $\pm 0.5^{\circ}\text{C}$
Advantage: One station manufacturing for the preform mold and injection molding machine, 48 cavity production cycles reaches 12s.


创新: 开模顶出预塑同步
高速: 蓄能器注射.合模.顶出机构
特点: 直压式开合模机构, 最稳定的锁模机构。
环保: 哥林柱四柱杆与中移动模板不接触, 无润滑油污染。
精确: 采用伺服阀注射系统, 重复注射量100%准确。
性能: 双差动油路设计, 提高了开合模速度。
节能: 伺服闭环系统, 节约能耗。
控制: 采用欧洲著名品牌控制, 温控 $\pm 0.5^{\circ}\text{C}$ 。
优势: 设备与瓶坯模一体化制造, 48腔生产周期12s。




Stainless steel injection station
不锈钢射台



Servo valve injection system
伺服阀注射系统



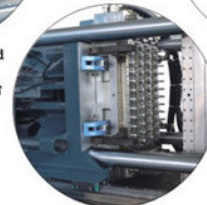
Nitrogen assisted injection, clamping, ejection system
蓄能器注射.合模.顶出系统



Direct pressure mold clamping system
直线导轨结构射台

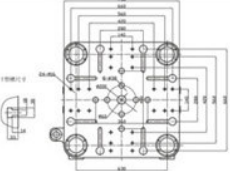
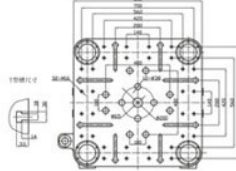
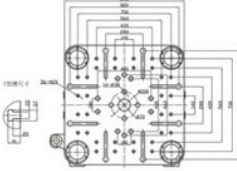
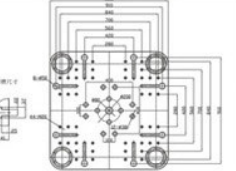
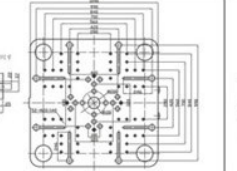
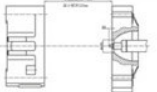
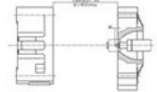
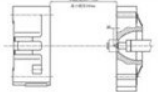
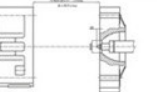










Double closed-loop servo system
伺服闭环系统



No contact between 4 tie bars and moving template
直压式锁模移动模板与哥林柱不接触

DP SERIES HIGH PRECISION AND OIL FREE PET INJECTION MOLDING MACHINE'S TECHNICAL DATA
DP系列高精度直压式机台无油污注塑机技术参数

			CSD-PET-DP16	CSD-PET-DP24	CSD-PET-DP32	CSD-PET-DP48-I	CSD-PET-DP48-II	CSD-PET-DP72
INJECTION UNIT 注射部分	Screw Diameter 螺杆直径	mm	170t	210t	250t	300t	420t	550t
	Screw L/d Ratio 螺杆长径比	L/D	55	62	70	82	90	100
	Shot Volume(theoretical) 理论注射容积	cm ³	22	25	25	25	25	25
	Shot Weight 注射重量	g	570	930	1286	1848	2416	3500
	Injection Pressure 注射压力	Mpa	680	1110	1520	2211	2900	4200
	Injection Rate 注射速度	mm/s	155	172	172	172	146	155
	Screw Speed 螺杆转速	rpm	200	200	200	180	180	180
	Plasticizing Capacity 塑化能力	g/s	0~200	0~200	0~180	0~160	0~150	0~150
CLAMPING UNIT 锁模部分	Mold Clamp Mode 锁模形式		hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模	hydraulic mold clamp 液压锁模
	Clamping Force 锁模力	KN	1700	2100	2500	3000	4200	5500
	Open Stroke 锁模行程	mm	660	720	770	820	720	800
	Maximum Open Distance 锁模最大开距	mm	880	980	1050	1250	1500	1650
	Minimum Mold Thickness 最小模厚	mm	220	260	280	430	320~780	400~850
	Space Between Tie Bars(wxh) 拉杆内间距	mm	480×480	540×540	600×600	690×690	740×740	850×850
	Ejector Force 顶出出力	KN	50	60	70	150	160	240
	Ejector Stroke 顶出行程	mm	180	200	200	230	220	260
	Ejector Number 顶针数	n	9	13	13	13	13	13
	Cavity (max) 腔数 (Max)	P/iece	18	26	32	48	48	72
MOLD 模具	Mouth 最大模口	mm	30/25	30/25	30/25	30/25	30/25	30/25
	Mold Form 模具形式		Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道	Pneumatic valve hot runner 气动针阀式热流道
	Max Pump Pressure 液压系统压力	Mpa	16	16	16	16	16	16
OTHERS 其它部分	Heater Power 加热功率	Kw	18	26	26	35	42	73
	Pump Motor Power 油泵马达功率	Kw	33	50	55	64	100	130
	Oil Tank Capacity 油箱容积	L	600	700	800	900	1000	1200
	Machine Weight 机器重量	t	6.6	8.5	12.5	16.8	23	32
	Machine Dimension(LxWxH) 机器外形尺寸	mm×mm×mm	5760×1480×1800	6480×1600×1850	7230×1680×2000	8500×1950×2300	9800×2230×2580	10800×2430×2880
	DIMENSIONS 机器尺寸	Platen Dimensions (front) 模板正面尺寸	mm					
Platen Dimensions (side) 模板侧面尺寸		mm						
Machine Dimension 机器外形尺寸		mm						

CSD-P SERIES INJECTION MOLDING MACHINE 系列注塑机(PET)

Professional PET screw and barrel improve preforms quality and finished products rate. Full closed cover available for internal cooling equipment. Separate oil circuit control supports synchronous mould open/close ejection function. Back products belt conveyor available for the preform cooling and the connecting continuous automatic production line.

采用独特设计的PET专用螺杆、料筒，提高瓶胚质量及成品率；
系统优化设计，产能比常规注塑机高出20%以上；
采用独立油路控制，开合模同步顶出功能，周期缩短1.5秒；
全封闭机罩，方便安装机内冷却除湿装置；
后出料装置，有利于瓶胚模外冷却以及与后续自动化生产线连接。



CSD-240P
(200-680T)



Water Chiller
冷水机



Air Compressor
空气压缩机



Combination of dehumidifier/
hopper dryer/auto-loader
三位一体机



Preform Mold
PET瓶胚模具



P SPECIFICATIONS OF CONVENTIONAL INJECTION MOLDING MACHINE P 系列注塑机技术参数

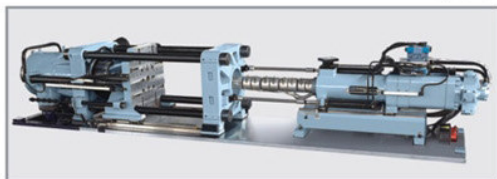
	200P	240P	300P	360P-1	360P-2	450P-1	450P-2	680P-1	680P-2		
INJECTION UNIT 注射部分	Screw Diameter 螺杆直径	mm 55	60	70	70	75	90	100	110	120	
	Screw L/d Ratio 螺杆长径比	L/D 22	22	22	22	22	25	25	25	25	
	Shot Volume(theoretical) 理论注射容积	cm ³ 594	760	1200	1385	1590	2442	3014	4816	5494	
	Shot Weight 注射重量	g 730	935	1476	1703	1955	3003	3708	5678	6757	
	Injection Pressure 注射压力	Mpa 26	33	52	60	69	106	131	201	239	
	Injection Rate 注射速度	g/s 123	136	145	157	137	177	136	161	136	
	Screw Speed 螺杆转速	rpm 279	319	362	413	474	593	863	891	1162	
	Plasticizing Capacity 塑化能力	g/s 0-220	0-180	0-180	0-130	0-130	0-120	0-120	0-120	0-120	
	Clamping Force 锁模力	KN 37.4	44.9	65.4	79.7	80.0	90.2	117.8	123.6	143.9	
	Open Stroke 模板行程	mm 2000	2400	3000	3600	3600	4500	4500	6800	6800	
CLAMPING UNIT 锁模部分	Space Between Tie Bars(X) 拉杆内间距	mm 450	505	570	660	660	710	710	860	860	
	Mould Thickness 允许模具厚度	mm 480x460	525x525	590x590	680x680	680x680	740x740	740x740	900x900	900x900	
	Ejector Force 顶出顶出力	KN 180-520	220-580	250-730	280-780	280-780	320-900	320-900	320-900	320-900	
	Ejector Stroke 顶出行程	mm 39.6	61.8	61.8	133.0	133.0	133.0	133.0	281.3	281.3	
	Ejector Number 顶针数	n 140	140	160	160	160	200	200	260	260	
	Heater Power 加热功率	KW 5	5	5	13	13	13	13	17	17	
	Pump Motor Power 油泵马达功率	KW 22.7	24.6	35	46.25	46.25	52	52	72.5	72.5	
	Max Pump Pressure 液压系统压力	A 47.4	54.6	60.0	65.6	72.8	81.6	81.6	113.8	113.8	
	Machine Dimension(长x宽x高) 机器外部尺寸	m 22	30	37	45	55	55	74	90	110	
	OTHERS 其它部分	Hopper Capacity 料斗容积	L 43.0	60.0	86.0	86.0	86.0	131.2	156.3	189.0	206.0
Oil Box Capacity 油箱容积		Mpa 14	14	14	14	14	14	14	14	14	
Machine Dimension(长x宽x高) 机器外部尺寸		m 5.4x1.6x2.1	5.8x1.6x2.2	6.6x1.8x2.2	8x2.2x2.3	8x2.2x2.3	8.6x2.3x2.4	8.6x2.3x2.4	11.2x2.6x3.8	11.2x2.6x3.8	
Machine Weight 机器重量		t 6	8.5	13	17	17.2	19	19.5	40	42	
DIMENSIONS 机器尺寸	Platen Dimensions (front) 模板正面尺寸	mm									
	Platen Dimensions (side) 模板侧面尺寸	mm									
	Machine Dimension (w-d) 机器外形尺寸	mm									

CSD -FG SERIES HIGH PRECISION, OIL FREE, SERVO, AND DIRECT PRESSURE INJECTION MOLDING MACHINE FOR MEDICAL AND FOOD
系列高精密伺服直压式食品医疗用注塑机

FIRST MADE IN CHINA
中国首创
MEDICAL AND FOOD INDUSTRY TRENDS
医疗食品行业趋势



(50-300T) (420-720T)
(FG series are applied to medical and food industry)
(FG系列应用于医疗、食品领域)



(FG series) (FG 系列)

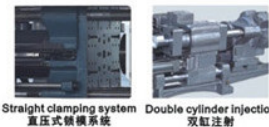
Environmental protection: oil free for the equipment surface
High speed: single cylinder injection
Energy saving: servo double closed loop system
Characteristic: straight mode of mold opening and closing
Precision: linear guide used in injection station, for open and close mode
Advantage: large mold opening distance
Control: european famous brand is adopted, temperature control $\pm 0.5^{\circ}\text{C}$

配置: 单缸注射。 **节能:** 伺服双闭环系统。
特点: 直压式开合模。 **精确:** 开合模、注射台采用直线导轨。
优势: 超大开模距。 **控制:** 采用欧洲著名品牌, 温控 $\pm 0.5^{\circ}\text{C}$ 。
环保: 设备表面无油污。



(Optional parts) (选配)

CSD -SP SERIES SERVO AND DIRECT PRESSURE INJECTION MOLDING MACHINE
系列高精密伺服直压式注塑机



(50-300T)
(SP series suitable for deep cavity)
(SP系列适用于深腔产品)

Following Parts Applied In The FG Series
以下部分应用FG系列



Linear Guide Rail
直线导轨



Straight clamping system
直压式开合模系统

TECHNICAL CHARACTERISTICS

1. Oil free lubrication mold clamping system, machine running fast and smooth, there is no oil leakage on the surface.
2. Liquid filling type and large diameter hydraulic cylinder, center straight clamping, the template deformation is less than 0.05%.
3. Combined pressure holding system, maintain clamping pressure consistent.
4. Double differential cylinder, symmetric fast moving mold auxiliary mechanism, advanced synchronous mechanism, mold plate running fast and smoothly, maximise the mold open and close speed.
5. Large mold thickness, compact overall optimization design, mold open stroke increased, suitable for much longer product.
6. Single cylinder injection system, uniform stress, fast response speed, decreased energy consumption, improving the production stability of precision products.
7. Servo control, double closed loop control, significant effect on energy saving, reduce system heat and decrease the noise.

技术特点

1. 无油式大直径液缸中心直压锁模, 模板变形量小于 0.05%。
2. 组合液缸液压系统, 使合模压力保持一致。
3. 双差动油缸对称快速移模辅助机构, 先进的同步机构, 模板运行既快速又平稳, 开合模速度升至最高。
4. 无油润滑开合模系统, 机器快速平端表面无油膜滑动摩擦现象。
5. 超大开模厚度, 紧凑的整体优化设计, 模板行程加大, 有充足开模量。
6. 单缸注射机构, 单点受力均匀, 反应速度快, 降低能耗, 提高生产精密制品的稳定性。
7. 伺服驱动力, 采用双闭环控制, 节能效果明显, 减少了系统的发热量, 降低了机器的噪音。

FG SERIES HIGH PRECISION AND OIL FREE DIRECT PRESSURE INJECTION MOLDING MACHINE'S TECHNICAL DATA
(FG series are applied to medical and food industry)

FG 系列高精压机台面无油污直压式注塑机技术参数 (FG系列应用于医疗食品领域)

UNIT	INJECTION UNIT	CSD-50S-FG		CSD-90S-FG		CSD-130S-FG		CSD-170S-FG		CSD-210S-FG		CSD-250S-FG		CSD-300S-FG		CSD-420S-FG		CSD-550S-FG		CSD-720-FG			
		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
	Screw Diameter 螺杆直径	mm	30	33	35	38	40	43	45	50	50	56	57	63	65	70	75	80	80	90	100		
	Screw L/d Ratio 螺杆长径比	L/D	22	20	22	20	22	20	22	21	22	21	22	21	22	21	22	20	22	20	20		
	Shot Volume(theoretical) 理论注射容积	cm ³	92	111	150	177	244	283	358	441	471	590	689	841	912	1058	1590	1808	1929	2443	2830	3495	
	Shot Weight 注射重量	g	84	101	137	161	222	258	325	401	429	537	627	765	830	963	1446	1645	1755	2222	2576	3180	
		g	2.9	3.5	4.8	5.7	7.8	8.9	11.4	15.4	15.0	18.8	21.9	26.8	29.0	33.7	51	58	62	78.3	91	112	
	Injection Pressure 注射压力	Mpa	200	175	210	186	192	166	192	156	200	160	182	150	187	162	185	165	185	168	188	168	
	Injection Rate 注射速率	g/s	63	76	86	101	112	130	141	175	175	219	206	252	267	312	358	407	407	515	515	636	
	Screw Speed 螺杆转速	rpm	0~220		0~220		0~200		0~200		0~200		0~180		0~180		0~160		0~150		0~130		
	Plasticizing Capacity 塑化能力	g/s	8.9	10.6	11.8	16.3	17.7	22.1	25.0	32.0	32.0	41.1	42.8	53.3	56.8	67.7	71.0	77.8	83.0	91.0	105.0	119.3	
	Mold Clamp Mode 锁模形式		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		hydraulic mold clamp 液压锁模		
	Clamping Force 锁模力	KN	500	900	1300	1300	1700	2100	2100	2100	2100	2100	2500	3000	3000	3000	4200	4200	5500	5500	7200	7200	
	Open Stroke 锁模行程	mm	420	480	510	510	660	660	720	720	720	720	770	820	820	820	720	720	880	880	950	950	
	Maximum Open Distance 锁模最大开距	mm	570	660	660	710	880	880	980	980	980	1050	1050	1250	1250	1500	1500	1500	1650	1650	2150	2150	
	Minimum Mold Thickness 最小模厚	mm	150	180	180	200	200	220	220	260	260	280	280	430	430	320-780	320-780	400-850	400-850	460-1200	460-1200	460-1200	
	Space Between Tie Bars(wxh) 拉杆间距	mm	330x330		380x380		430x430		480x480		540x540		600x600		690x690		740x740		850x850		1000x980		
	Ejector Force 顶出出力	KN	25	35	45	45	50	60	60	70	70	70	100	100	100	160	160	240	240	300	300	300	
	Ejector Stroke 顶出行程	mm	80	100	130	130	180	180	200	200	200	200	230	230	230	220	220	260	260	260	260	180	
	Ejector Number 顶针数	n	1	5	5	5	5	5	5	5	5	9	13	13	13	13	13	13	13	21	21	21	
	Heater Power 加热功率	KW	7.2	8.5	9.3	11.6	11.6	18	18	18	18	26	35	35	43	43	50	50	58	58	58	58	
		A	32.4	38.2	41.8	52.2	52.2	81	81	117	117	157.5	157.5	193.5	193.5	225	225	261	261	261	261	261	
	Pump Motor Power 油泵马达功率	KW	7.5	11	15	18.5	18.5	22	22	30	30	37	44	60	64	64	110	110	128	128	160	160	
		A	15	22	30	37	37	44	44	60	60	70	80	110	110	110	160	160	160	160	160	160	
	Max Pump Pressure 液压系统压力	Mpa	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
	Hopper Capacity 料斗容积	cm ³	20	25	25	25	25	25	50	50	50	50	70	70	70	90	90	100	100	100	100	100	
	Oil Tank Capacity 油箱容积	cm ³	300	350	400	400	500	500	600	600	700	700	900	900	900	900	900	1000	1000	1000	1100	1100	
	Machine Weight 机器重量	t	3.0	3.8	4.5	4.5	6	6	7.2	7.2	9.2	9.2	11.3	11.3	11.3	18.5	18.5	23.5	23.5	32	32	32	
	Machine Dimension(l Xw Xh) 机器外形尺寸	mm	3.9x1.1x1.5		4.3x1.2x1.7		4.8x1.3x1.7		5.56x1.48x1.72		6.12x1.47x1.83		6.58x1.6.8x2.0		7.0x2.0x2.3		7.8x2.25x2.48		8.3x2.43x2.52		8.8x2.53x2.58		
DIMENSIONS	机器尺寸	Platen Dimensions (front) 模板正面尺寸	mm																				
		Platen Dimensions (side) 模板侧面尺寸	mm																				
		Machine Dimension 机器外形尺寸	mm																				

Remark: Shot weight is calculated on the basis of PB raw material. 注:注射重量为PB材料的计算值,因技术更改参数恕不另行通知。
Specifications will be changed when the machine are improved and without prior notice.

SP SERIES DIRECT PRESSURE INJECTION MOLDING MACHINE'S TECHNICAL DATA

系列高精度直压式注塑机技术参数

INJECTION UNIT 注射部分	CSD-90-SP		CSD-90-SP		CSD-130-SP		CSD-170-SP		CSD-210-SP		CSD-250-SP		CSD-300-SP			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
Screw Diameter 螺杆直径	30	32	35	37	37	40	40	46	50	55	56	62	60	65		
Screw L/d Ratio 螺杆长径比	21	19.7	20.8	19.7	22.2	20	22.3	20	22	20	22	20	22	20		
Shot Volume(theoretical) 理论注射容积	92	103	150	168	206	241	283	374	471	570	662	812	882	1035		
Shot Weight 注射重量	g	84	94	137	153	188	219	258	340	429	518	602	738	842		
	zo	2.9	3.3	4.8	5.4	6.6	7.8	9.1	12	16.4	20.1	21.2	26	33.2		
Injection Pressure 注射压力	200	175	193	173	220	190	243	184	200	167	196	160	219	187		
Injection Rate 注射速率	53	60	88	100	117	130	124	157	210	254	281	335	272	319		
Screw Speed 螺杆转速	0-220		0-220		0-200		0-200		0-200		0-200		0-200			
Plasticizing Capacity 塑化能力	8.2	9.2	12.1	13	12.9	15	13.6	18.6	24.1	30.8	31.3	37.4	35.7	40		
Mold Clamp Mode 锁模形式	液压锁模		液压锁模		液压锁模		液压锁模		液压锁模		液压锁模		液压锁模			
Clamping Force 锁模力	500		1300		1700		2100		2500		2500		3000			
Open Stroke 模板行程	420		480		510		660		720		770		820			
Maximum Open Distance 模板最大开距	570		660		710		880		980		1050		1250			
Minimum Mold Thickness 最小模厚	150		180		200		220		260		280		430			
Space Between Tie Bars(wzh) 拉杆内间距	330x330		380x380		430x430		480x480		540x540		600x600		690x690			
Ejector Force 液压顶出力	25		35		45		50		60		70		100			
Ejector Stroke 顶出行程	80		100		130		180		200		200		230			
Ejector Number 顶针数	1		5		5		5		5		9		13			
Heater Power 加热功率	KW	7.2	8.5	9.3	11.6	18	26	35	44	50	50	60	64	70		
	A	32.4	38.2	41.8	52.2	81	117	157.5	222	281	281	335	370	400		
Pump Motor Power 油泵马达功率	KW	7.5	11	15	18.5	22	30	37	44	50	50	60	64	70		
	A	15	22	330	37	44	50	60	60	700	700	900	900	11.3		
Max Pump Pressure 液压系统压力	16		16		16		16		16		16		16			
Hopper Capacity 料斗容积	20		25		25		25		50		50		70			
Oil Tank Capacity 油箱容积	300		350		400		500		600		700		900			
Machine Weight 机器重量	3.0		3.8		4.5		6		7.2		9.2		11.3			
Machine Dimension(l Xw Xh) 机器外形尺寸	3.7x1.1x1.5		4.2x1.2x1.7		4.62x1.3x1.7		5.42x1.48x1.72		6.0x1.47x1.83		6.42x1.68x2.0		7.0x2.0x2.3			
DIMENSIONS 机器尺寸	Platen Dimensions (front) 模板正面尺寸	mm														
	Platen Dimensions (side) 模板侧面尺寸	mm														
	Machine Dimension 机器外形尺寸	mm														

Remark: Shot weight is calculated on the basis of P3 raw material. 注:注射重量为P3材料的计算值,因技术更改参数恕不另行通知。
Specifications will be changed when the machine are improved and without prior notice.

CSD-W-S SERIES INJECTION MOLDING MACHINE 系列注塑机



**CSD-780W-S
(100-1680T)**

Optional: Conventional Power And Servo Power
选配: 伺服动力



CSD-130S



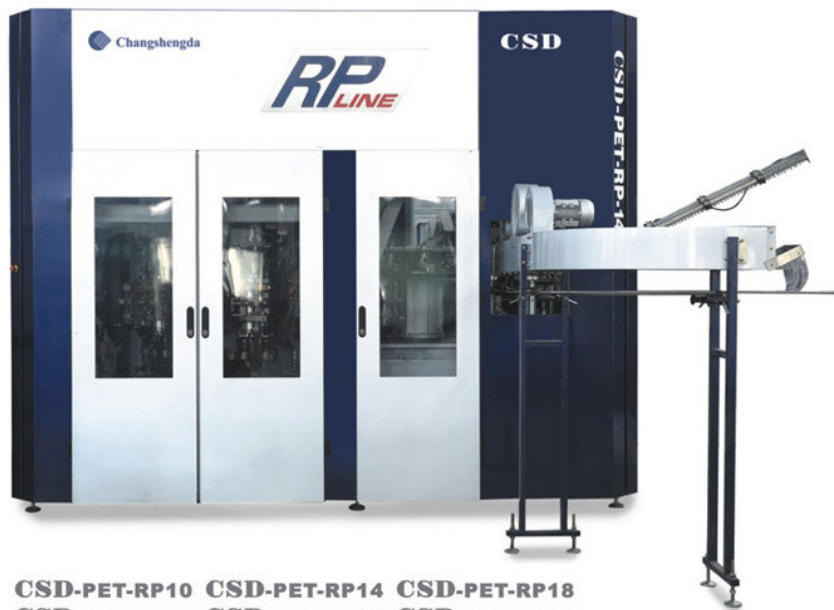
(选配)

		CSD-100			CSD-130			CSD-180			CSD-240			
		A	B	C	A	B	C	A	B	C	A	B	C	
INJECTION UNIT 注射部分	Screw Diameter 螺杆直径	mm	35	37	40	37	40	45	40	46	52	45	51	57
	Screw L/d Ratio 螺杆长径比	L/D	20.8	19.7	18.2	22.2	20	18.2	22.3	20	18.1	22.4	20	18.2
	Shot Volume(theoretical) 理论注射容积	cm ³	150	168	196	206	241	305	283	374	478	397	510	638
	Shot Weight 注射重量	g	137	153	178	188	219	277	258	340	435	361	465	580
		oz	4.8	5.4	6.3	6.6	7.8	9.8	9.1	12	15.3	12.7	16.4	20.1
	Injection Pressure 注射压力	Mpa	193	173	148	196	168	145	247	188	146	229	179	143
	Injection Rate 注射速度	g/s	88	100	115	117	130	150	124	157	194	170	210	254
	Screw Speed 螺杆转速	rpm	0-225			0-200			0-225			0-225		
	Plasticizing Capacity 塑化能力	g/s	12.1	13	15.2	12.9	15	20.1	13.6	18.6	24.6	19	24.1	30.8
	CLAMPING UNIT 锁模部分	Clamping Force 锁模力	KN	1000			1300			1800			2400	
Open Stroke 模板行程		mm	335			375			450			510		
SPACE BETWEEN THE BARREL 1号及杆内间距		mm	380x380			430x430			510x510			560x560		
Mould Thickness 允许模具厚度		mm	150-400			150-450			180-520			200-550		
Ejector Force 顶出顶出力		KN	33			39.6			59.6			62		
Ejector Stroke 顶出行程		mm	100			130			140			140		
Ejector Number 顶针数		n	5			5			5			5		
Heater Power 加热功率		KW	7.1			7.7			9.7			15		
		A	11			13.3			20			32.8		
Pump Motor Power 油泵马达功率		KW	11			13			18.5			22		
OTHERS 其它部分		A	24.6			29			36.4			43		
	Max Pump Pressure 油泵额定压力	Mpa	14			14			14			14		
	Machine Dimension 机器外形尺寸	m	4.25x1.2x1.7			4.49x1.19x1.8			5.1x1.5x1.9			5.3x1.5x1.95		
	Machine Weight 机器重量	t	3.5			4.26			6.7			6.7		
	Hopper Capacity 料斗容积	L	25			25			25			50		
Oil Box Capacity 邮箱容积	L	210			240			320			450			
DIMENSIONS 机器尺寸	Platen Dimensions (front) 模板正面尺寸	mm												
	Platen Dimensions (side) 模板侧面尺寸	mm												
	Machine Dimension 机器外形尺寸	mm												

UNIT	INJECTION UNIT 注射部分	CSD-280				CSD-350				CSD-420				CSD-500				CSD-680				CSD-780				CSD-1000				CSD-1250				CSD-1680W				
		A	B	C	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
		Screw Diameter 螺杆直径 mm	50	56	62	60	65	70	65	70	75	80	70	75	80	90	80	90	100	110	80	90	100	110	120	100	110	120	130	110	120	130	140	130	140	150	150	
		Screw L/d Ratio 螺杆长径比 L/D	22	20	18.2	22	20	18.2	22.2	20.7	19.6	17.5	22.6	21.4	20	18	24.6	22.1	20	17.8	24.4	22	20	18.3	24.3	22.1	20	18.7	26.2	24	22.2	20.6	24	22.3	20.8			
		Shot Volume(theoretical) 理论注射容积 cm³	528	662	812	882	1035	1200	1194	1384	1590	1808	1477	1696	1929	2442	2036	2576	3180	3450	2830	3495	4228	5032	3819	4620	5500	6455	5545	6600	7745	8980	8270	9590	11000			
		Shot Weight 注射重量 g	480	602	738	802	942	1092	1086	1260	1446	1645	1344	1543	1755	2222	1853	2345	2896	3503	2576	3180	3848	4579	3496	4205	5005	5875	5045	6005	7045	8170	8105	9398	10780			
		oz	16.9	21.2	26	28.3	33.2	38.5	38.3	45	51	58	47.5	54.5	62	78.3	65	82	102	123	91	112	136	162	123	148	176	208	178	212	248	288	284	328.6	377			
		Injection Pressure 注射压力 Mpa	223	178	145	219	187	161	208	179	156	137	219	191	168	133	224	177	143	118	228	184	152	128	185	170	155	143	208	175	150	128	166	145	128			
		Injection Rate 注射速度 g/s	233	281	335	272	319	370	294	341	392	446	369	424	481	610	428	541	668	808	542	669	809	963	792	867	945	1023	812	966	1133	1315	1052	1225	1380			
		rpm	0~225			0~200			0~185			0~155			0~130			0~120			0~100			0~90			0~80											
		Plasticizing Capacity 塑化能力 g/s	24.2	31.3	37.4	35.7	43	51.2	37.2	44.2	51.9	59	43.2	50.5	58.7	74.2	57	73	90	110	77	98	125	155	121	135	145	156	105	125	148	171	150	173	192			
		Clamping Force 锁模力 KN	2800			3500			4200			5000			6800			7800			10000			12500			16800											
		Open Stroke 锁模行程 mm	570			660			710			800			860			980			1100			1250			1560											
		Space Between Tin Bars 间隔板内间距 mm	610x610			680x680			740x740			810x810			895x895			980x980			1100x1100			1250x1250			1500x1400											
		Mould Thickness 允许模具厚度 mm	220~580			250~730			280~780			320~800			400~900			400~980			500~1150			550~1300			700~1500											
		Ejector Force 顶出力 KN	62			62			110			110			175			186			215			235			400											
		Ejector Stroke 顶出行程 mm	160			160			200			200			260			260			280			320			320											
		Ejector Number 顶针数 n	9			13			13			13			17			21			21			21			33											
		Heater Power 加热功率 KW	21.68			23.28			26.4			30.5			50			58			68			85			92											
		A	38.2			47.8			58.2			66			110			127.6			149.6			187			190											
		KW	30			37			45			53			82			93			136			163			178											
		Pump Motor Power 油泵马达功率 A	60			70.3			70.3			86			113.3			140.6			172			206			258											
		Max Pump Pressure 液压系统压力 Mpa	14			14			14			14			14			14			14			14			14											
		Machine Dimension(Xe Xj) 机器外形尺寸 m	5.7x1.7x2.1			7x1.9x2.2			7.3x2.0x2.2			8.1x2.1x2.3			10x2.5x3.8			11x2.6x3.8			12x2.8x4			13.8x3.2x4.2			14.6x3.5x4.9											
		Machine Weight 机器重量 t	8.2			13.2			17			19.2			36			46			58			65			105											
		Hopper Capacity 料斗容积 L	50			50			50			100			200			200			200			200			400											
		Oil Box Capacity 油箱容积 L	610			760			960			1100			1250			1480			1700			1900			2400											
DIMENSIONS 机器尺寸		Platen Dimensions (front) 模框正面尺寸 mm																																				
		Platen Dimensions (side) 模框侧面尺寸 mm																																				
		Machine Dimension 机器外形尺寸 mm																																				

CSD -RP 10-20 CAVITY HIGH PRECISION
HIGH SPEED ROTARY BLOWING
MACHINE
10-20腔精密高速旋转吹瓶机

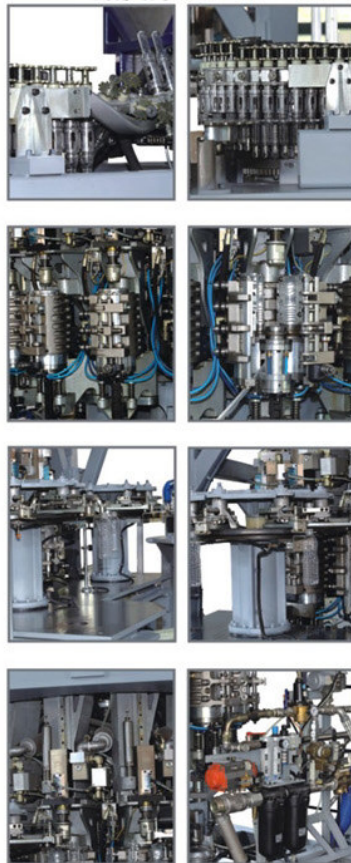
Keep Our Customer One Step Ahead
让我们的客户领先一步



CSD-PET-RP10 CSD-PET-RP14 CSD-PET-RP18
CSD-PET-RP12 CSD-PET-RP16 CSD-PET-RP20



局部细节 PARTS



MODEL 型号		CSD-RP6	CSD-RP8	CSD-RP10	CSD-RP12	CSD-RP14	CCSD-RP16	CSD-RP18	CSD-RP20	
Cavity 模腔数	Unit 单位	6	8	10	12	14	16	18	20	
Product Capacity 瓶型容量 (水瓶)	0.2L Bottle 只	11400	15200	19000	22800	26600	30400	34200	38000	
	0.5L Bottle 只	10800	14400	18000	21600	25200	28800	32400	36000	
Theoretical Capacity 理论产量	1L Bottle 只	8400	11200	14000	16800	19600	22400	25200	28000	
	1.5L Bottle 只	6600	8800	11000	13200	15400	17600	19800	22000	
	2L Bottle 只	5400	7200	9000	10800	12600	14400	16200	18000	
Max. Diameter 瓶身最大直径	mm	Φ110	Φ110	Φ110	Φ110	Φ110	Φ110	Φ110	Φ110	
Neck Size 瓶口直径	mm	Φ15-	Φ15-	Φ15-	Φ15-	Φ15-	Φ15-	Φ15-	Φ15-	
		Φ40	Φ40	Φ40	Φ40	Φ40	Φ40	Φ40	Φ40	
Mold Thickness 模具外径	mm	Φ195	Φ195	Φ195	Φ195	Φ195	Φ195	Φ195	Φ195	
Opening Stroke 开模行程	mm	125	125	125	125	125	125	125	125	
Stretching Stroke 拉伸行程	mm	410	410	410	410	410	410	410	410	
Main Blower 主机	Machine Size 外形	mm	3110x2380x3300			3230x2530x3300		3560x2960x3300		
	Power 功率	kw	5.5	5.5	7.5	7.5	7.5	11	11	11
	Weight 重量	t	7	8	10	11	12	14	15	16
Preheater 加温机	Machine Size 外形	mm	3100-2645x1360x1920		4980-4220x1110x2330			6120-5360x1110x2330		
	Power 功率	kw	108	144	180	216	270	288	324	360
	Weight 重量	t	3.5	4	5	5.5	6	7	7.5	8
Loader 上料机	Machine Size 外形	mm	4550x5590x3710			5000x6660x4000		5410x7100x4200		
	Power 功率	kw	2	2	2	2.1	2.2	2.3	2.4	2.4
	Weight 重量	t	1.8	1.8	2	2	2	2.3	2.3	2.3
Working pressure 工作压力	MPa	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	
Blowing pressure 吹瓶压力	MPa	2.5-4.0	2.5-4.0	2.5-4.0	2.5-4.0	2.5-4.0	2.5-4.0	2.5-4.0	2.5-4.0	

CSD-LP SERIES

PET TWO-STAGE LINEAR HIGH-SPEED
AUTOMATIC BLOW MOLDING MACHINE

PET瓶直线高产全自动吹瓶机

Minimum cost of material and lowest
energy consumption

最少的材料成本 最低的能源转换



CSD-LP10-1.5L CSD-LP8-2L CSD-LP4-5L
CSD-LP16-0.6L CSD-LP6-2L



Screw Air Compressor
螺杆压缩机
17m³/12kg



Air cooled high
pressure Air Compressor
风冷高压活塞式空压机



Water cooled high
pressure Air Compressor
水冷高压活塞式空压机



Low pressure Air Compressor
低压空压机



Low Pressure Air Tank
储气罐
1m³/12.5kg



Mould 10 Cavity
模具 10腔



Water Chiller
冷水机
10m³



Front Air Filter
前置过滤器
10m³/40kg



Air Dryer
空气干燥机
10m³



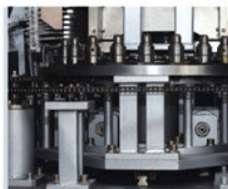
Rear Air Filter
后置过滤器
10m³/40kg



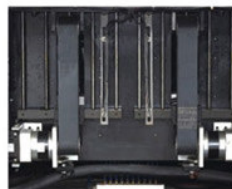
Servo bottle turning system
伺服瓶子翻转系统



Servo cylinder preform sending
and separating system
伺服瓶胚传送及分开系统



Heating System
加热系统



Servo Stretching System
伺服拉伸系统

LP Series Linear High-Speed Automatic Blow Molding Machine

LP 系列直线高速全自动吹瓶机技术参数

ITEM 项目	UNIT 单位	CSD-LP8-2L	CSD-LP10-600mL	CSD-LP10-1.5L	CSD-LP12-1.5L	CSD-LP PP10-600mL	CSD-LP16-500mL	CSD-LP4-5L	CSD-LP4-10L	CSD-LPH10-1.5L				
Cavity 模腔数		8	10	10	12	10	16	4	4	10				
Volume of Bottle 制品容量	L	≤2L	≤600mL	≤1.5L	≤1.5L	≤600mL	≤500mL	≤5L	≤10L	≤1.5L				
Production capacity 生产能力	Pcs/h	8000-8500Pcs/h Based on 500ML water bottle, Preform Neck 28-30mm, Weight:17gram 7500-8000Pcs/h Based on 1000ML water bottle, Preform Neck 28-30mm, Weight:20gram 5500-6000Pcs/h Based on 2000ML water bottle, Preform Neck 28-30mm, Weight:45gram	8000-8500瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重17g; 7500-8000瓶/小时 基于1000mL瓶, 瓶坯口径28-30mm, 瓶坯重20g; 5500-6000瓶/小时 基于2000mL瓶, 瓶坯口径28-30mm, 瓶坯重45g;	10500-11000Pcs/h Based on 600ML water bottle, Preform Neck 28-30mm, Weight:19gram 10600-11000瓶/小时 基于600mL瓶 瓶坯口径28-30mm, 瓶坯重19g;	10000-10500Pcs/h Based on 500ML water bottle, Preform Neck 28-30mm, Weight:17gram 9000-9500Pcs/h Based on 1000ML water bottle, Preform Neck 28-30mm, Weight:20gram 8000-8500Pcs/h Based on 1500ML water bottle, Preform Neck 28-30mm, Weight:37gram	10000-10500瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重17g; 10000-10500瓶/小时 基于1000mL瓶, 瓶坯口径28-30mm, 瓶坯重20g; 8000-8500瓶/小时 基于1500mL瓶, 瓶坯口径28-30mm, 瓶坯重37g;	12000-12500Pcs/h Based on 500ML water bottle, Preform Neck 28-30mm, Weight:17gram 10000-10500Pcs/h Based on 1000ML water bottle, Preform Neck 28-30mm, Weight:20gram 9000-9500Pcs/h Based on 1500ML water bottle, Preform Neck 28-30mm, Weight:37gram	12000-12500瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重17g; 10000-10500瓶/小时 基于1000mL瓶, 瓶坯口径28-30mm, 瓶坯重20g; 8000-8500瓶/小时 基于1500mL瓶, 瓶坯口径28-30mm, 瓶坯重37g;	8000-9000Pcs/h Based on 500ML water bottle, Preform Neck 28-30mm, Weight:17gram 8000-9000瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重17g;	16000-16500Pcs/h Based on 500ML water bottle, Preform Neck 28-30mm, Weight:17gram 15000-15500瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重17g;	2800-2900Pcs/h Based on 5L water bottle, Preform Neck 45mm, Weight:90gram 2800-2900瓶/小时 基于5L瓶 瓶坯口径45mm, 瓶坯重90g;	2200-2600Pcs/h Based on 5L water bottle, Preform Neck 45mm, Weight:90gram 2200-2600瓶/小时 基于5L瓶 瓶坯口径45mm, 瓶坯重90g;	4000-6000Pcs/h Based on 500ML water bottle, Preform Neck 28-30mm, Weight:20gram 4000-6000瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重20g;	4000-6000瓶/小时 基于500mL瓶 瓶坯口径28-30mm, 瓶坯重20g; 4000-6000瓶/小时 基于1500mL瓶 瓶坯口径28-30mm, 瓶坯重37g;
Suitable Raw Material 适合材料		PET	PET	PET	PET	PP	PET	PET	PET	PET(耐热瓶)				
Max. Diameter of Bottle 容器最大直径	mm	φ100	φ80	φ95	φ95	φ80	φ68	φ170	φ210	φ95				
Max. Height of Bottle 最大瓶高	mm	320	240	320	240	240	240	340	465	320				
Product neck diameter 制品口径	mm	φ28-φ30	φ28-φ30	φ28-φ30	φ28-φ35	φ28-φ30	φ28-φ30	φ38-φ45	φ40-φ60	φ28-φ30				
Space between tie bars 模板有效面积	mm	1250×400	1150×300	1200×350	1460×350	1150×300	1420×300	1000×430	1150×500	1200×350				
Mould thickness 模厚	mm	258	258	258	258	258	258	258	258	258				
Opening stroke 模板开档行程	mm	118	100	110	110	100	100	190	230	110				
Clamping force 模模力	kn	300	300	300	300	300	300	300	300	300				
Stretching stroke 拉伸行程	mm	350	260	350	350	260	260	360	480	350				
Air Pressure of Mechanical Action 操作气压	Mpa	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0				
Blowing Air Pressure 吹塑气压	Mpa	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0				
Machine Dimension 吹瓶机尺寸(长×宽×高)	mm	7685×1600×2000	7575×1600×1900	7600×1600×1900	8500×1600×2000	11200×1600×1900	9780×1600×1900	9500×1800×2000	9200×2200×2600	8500×1600×1900				
Power of Preheater 加热额定功率	kw	120	120	120	120	240	160	120	120	120				
	A	180	180	180	180	360	240	180	210	180				
Motor Power 电机功率	kw	16	16	16	16	16	16	16	16	16				
	A	32	32	32	32	32	32	32	32	32				
Machine Weight 吹瓶机重量	T	10	10	10	10	10	10	10	10	10				
	mm	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600	3500×3000×3600			
Weight of Preform Auto-Loader 上料机重量	T	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5				
	mm	18.5×8	18.5×4	18.5×8	18.5×8	18.5×4	18.5×4	22×4	22×8	18.5×8				
High Pressure Air Compressor Unit 高压空压机组	Power 功率	kw	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0				
	Pressure 压力	Mpa	12	6	12	12	6	6	10	12				
Low Pressure Air Compressor 低压空压机	Discharging Capa 排气量	m ³ /min	22	22	22	22	22	22	30	22				
	Power 功率	kw	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25				
Air tank 高压储气罐	Pressure 压力	Mpa	3.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0				
	Discharging Capa 排气量	m ³ /min	1	1	0.8×2	0.8×2	1	1	2×2	0.8×2				
Water Chiller 冷水机	Capacity 容量	m ³	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0				
	Pressure 工作压力	Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0				
Air Dryer 冷冻干燥机	Cooling Capacity 制冷能力	Kcal/Hr	49800	49800	49800	49800	49800	49800	35200	49800				
	Compressor Motor 压缩力	HP	15	15	15	15	15	15	10	15				
After Cooler 后置冷却机	Discharging Capa 排气量	m ³ /min	6	6	6	6	6	6	10	6				
	Pressure 压力	Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0				
Odor Removal Filter 过滤器	Discharging Capa 排气量	m ³ /min	12	6	12	12	6	6	10	12				
	Pressure 压力	Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0				

Maximum efficiency in linear blowing
最高的直线式吹瓶效率



MODEL	CSD-AB2-2L	CSD-AB3-1.25L	CSD-AB4-2L	CSD-AB5-1.25L	CSD-AB2-5L	CSD-AB2-10L
Mould cavities (cav.)	2(max.2L)	3(max.1.25L)	4(max.2L)	5(max.1.25L)	2(max.5L)	2(max.10L)



PARTS 结构部分



CSD-AB6-1.5L



Low Pressure Air Compressor 低压空压机 12.5kg/3.0m³
Water Chiller 冷水机 15HP
Air tank 储气罐 30kg/0.8m³ 双罐型, 碳钢材质罐体, 标配安全阀
Air Dryer 空气干燥机 30kg/4.74m³
Air Compressor 空压机 30kg/4.74m³
Blow Mold 吹瓶模具 4 Cavity

CSD-AB SERIES TWO-STAGE AUTOMATIC LINEAR HIGH-SPEED BLOW MOLDING MACHINES 系列二步法全自动直线吹瓶机技术参数:

Item 项目	UNIT 单位	CSD-AB2-2L	CSD-AB3-1.25L	CSD-AB4-2L	CSD-AB5-1.25L	CSD-AB6-1.5L	CSD-AB2-5L	CSD-AB2-10L
Cavity 模腔数		2	3	4	5	6	2	2
制品容量 Product Capacity	L	≤2L	≤1.25L	≤2L	≤1.25L	≤1.5L	≤5L	≤10L
生产能力 Production Capacity	Max. Capacity (cooled) 28-30mm Pca/h	3130瓶/小时(2.48/周)	4500瓶/小时(2.48/周)	6000瓶/小时(2.48/周)	7200瓶/小时(2.58/周)	8000瓶/小时(2.78/周)	1800瓶/小时(4.8/周)	1200瓶/小时(4.8/周)
	Recommended Production Capacity 建议产量 Pca/h	2000-3000瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg 2000-3000瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg	4000-4200瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg 4000-4200瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg	5000-5500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg 5000-5500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg	6000-6500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg 6000-6500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg	7000-7500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg 7000-7500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg	8000-8500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg 8000-8500瓶/小时 Based on 1000ml water bottle, 瓶口直径30mm, 瓶高120mm, 重量1.2kg	1800-1700Pca/h Based on 5L bottle, 瓶口直径45mm, 瓶高140mm, 重量3.3kg 1800-1700Pca/h Based on 5L bottle, 瓶口直径45mm, 瓶高140mm, 重量3.3kg
Max. Diameter of Product 产品最大直径 mm		Φ120	Φ90	Φ120	Φ90	Φ95	Φ160	Φ200
Neck Size of Product 瓶口直径 mm		Φ15-Φ38	Φ15-Φ38	Φ15-Φ38	Φ15-Φ38	Φ15-Φ38	Φ38-Φ45	Φ35-Φ45
Useful Area of Mould Plate 有效吹瓶面积 mm		350×350	350×350	520×350	520×350	880×400	480×400	620×460
Max. Mould Thickness 最大模具厚度 mm		220	220	220	220	258	230	300
Min. Mould Thickness 最小模具厚度 mm		180	180	180	180	180	250	300
Mould Stroke 模具行程 mm		158	110	158	110	116	220	240
Clamping Force 夹瓶力 Kn		120	120	210	210	300	300	300
Stretching Stroke 拉伸行程 mm		350	350	350	350	350	350	500
Working Pressure 工作压力 Mpa		0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0
Blowing Air Pressure 吹瓶气压 Mpa		2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0
Measurement of Main Blower 吹瓶机尺寸	mm	3000×1850×1900	3100×1850×1900	4400×2000×1900	4400×2000×1900	7000×1750×1900	4450×2000×1900	5000×2000×1900
	Kw	48	48	96	96	110	98	122
Power of Preheater 预热器功率	A	72	72	144	144	165	102	183
	Kw	5	5	5	8	7	5	5
Weight of Main Blower 吹瓶机重量	T	4	4	5	5	8	5	5
	mm	2570×2570×2700	2570×2570×2700	2890×2570×2700	2890×2570×2700	3600×2500×3500	2500×2000×2750	2500×2000×2750
Measurement of Conveyor 上料机尺寸	T	0.2	0.2	0.2	0.2	0.4	0.2	0.2
	mm	2570×2570×2700	2570×2570×2700	2890×2570×2700	2890×2570×2700	3600×2500×3500	2500×2000×2750	2500×2000×2750
High Pressure Air Compressor Unit 高压空压机组	Power 功率 kw	22×2	22×2	22×3	22×3	22×4	22×4	22×4
	Pressure 压力 Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Low Pressure Air Compressor 低压空压机	Discharging Capa. 排气量 m³/min	4	4	6	6	8	8	10
	Power 功率 kw	22	22	22	30	44	22	30
Air tank 储气罐	Pressure 压力 Mpa	1.25	1.25	1.25	1.25	1.25	1.25	1.25
	Discharging Capa. 排气量 m³/min	3.0	3.0	3.0	4.0	6.0	3.0	4.0
Water Chiller 冷水机	Power 功率 m³	0.6	0.6	0.8	1	2	2	2
	Pressure 压力 Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Air Dryer 干燥机	Discharging Capa. 排气量 kcal/hr	35200	35200	35200	49800	49800	35200	35200
	Cooling Capacity 冷却能力 HP	10	10	15	15	15	10	10
After Cooler 后冷却器	Capacity 容量 m³/min	4	4	6	6	8	8	10
	Cooling Capacity 冷却能力 Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Air Filter 空气过滤器	Capacity 容量 m³/min	4	4	6	6	8	8	10
	Working Pressure 工作压力 Mpa	3.0	3.0	3.0	3.0	3.0	3.0	3.0

AX SERIES BLOW MOLDING MACHINE
AX系列吹瓶机



VARIES SYSTEM 副管组竹



CSD-AX1-2.5L CSD-AX3-1.5L
CSD-AX1-2L CSD-AX4-1.5L

AX-W SERIES BLOW MOLDING MACHINE AX-W 系列吹瓶机



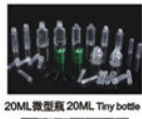
CSD-AX1-W-5L
CSD-AX2-W-5L

AX SERIES BLOW MOLDING MACHINE
AX系列吹瓶机



CSD-AX1-5L CSD-AX2-5L
CSD-AX1-10L CSD-AX2-10L

AX SERIES TINY BOTTLE BLOW MOLDING MACHINE
AX-W 系列微型瓶吹瓶机



20ML 微型瓶 20ML Tiny bottle



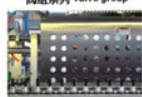
CSD-AX(2-4)-M-0.3L



伺服拉伸机构
Servo stretching mechanism



阀组系列 Valve group



AX SERIES BLOW MOLDING MACHINE 系列吹瓶机技术参数

Item 项目	UNIT 单位	CSD-AX1-2.5L	CSD-AX2-2L	CSD-AX3-1.5L	CSD-AX4-1.5L	CSD-AX1-5L	CSD-AX1-M-5GAL	CSD-AX2-W-5L	CSD-AX2-M-10L	CSD-AX2-M-5L
Cavity 模腔数		1	2	3	3	1	1	2	2	2
Product volume 制品容量	L	≤2.5L	≤2L	≤1.5L	≤1.5L	≤5L	≤5GAL	≤5L	≤10L	≤5L
Production Capacity 产能/能力 Recommended Production Capacity 建议正常生产产量	Pcs/h	1000-1600Pcs/h Based on 500mL bottle, Preform Neck 28-30mm, Weight:17gram 1000-1600瓶/小时 基于500ML瓶, 瓶坯重17g	2100-2400Pcs/h Based on 500mL bottle, Preform Neck 28-30mm, Weight:17gram 2100-2400瓶/小时 基于500ML瓶, 瓶坯重17g	2900-3200Pcs/h Based on 500mL bottle, Preform Neck 28-30mm, Weight:17gram 2900-3200瓶/小时 基于500ML瓶, 瓶坯重17g	3900-4200Pcs/h Based on 500mL bottle, Preform Neck 28-30mm, Weight:17gram 3900-4200瓶/小时 基于500ML瓶, 瓶坯重17g	700-850Pcs/h Based on 5L bottle, Preform Neck 45mm, Weight:93gram 700-850瓶/小时 基于5L瓶, 瓶坯重93g	220-240Pcs/h Based on 5GAL bottle, Preform Neck 55mm, Weight:750gram 220-240瓶/小时 基于5GAL瓶, 瓶坯重750g	1400-1500Pcs/h Based on 5L bottle, Preform Neck 80mm, Weight:120gram 1400-1500瓶/小时 基于5L瓶, 瓶坯重120g	1100-1200Pcs/h Based on 10L bottle, Preform Neck 45mm, Weight:120gram 1100-1200瓶/小时 基于10L瓶, 瓶坯重120g	1400-1500Pcs/h Based on 5L bottle, Preform Neck 45mm, Weight:53gram 1400-1500瓶/小时 基于5L瓶, 瓶坯重53g
Max Diameter of Product 制品最大直径	mm	Φ120	Φ100	Φ90	Φ90	Φ170	Φ270	Φ180	Φ200	Φ170
Neck Size of Product 制品口径	mm	Φ15-Φ38	Φ15-Φ38	Φ15-Φ38	Φ15-Φ38	Φ38-Φ45	Φ45-Φ60	Φ60-Φ120	Φ45-Φ60	Φ38-Φ45
Useful Area of Mould Plate 模腔有效面积	mm	200×350	300×350	380×350	480×350	240×400	400×570	420×320	600×460	550×400
Mould Thickness 模具厚度	mm	200	200	200	200	240	400	250	300	240
Mould Stroke 开模行程	mm	160	160	110	110	220	330	200	240	220
Clamping Force 锁模力	Kn	120	120	120	210	240	300	300	300	240
Stretching Stroke 拉伸行程	mm	450	430	430	430	450	660	380	590	450
Working Pressure 工作压力	Mpa	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0	0.8-1.0
Blowing Air Pressure 吹瓶气压	Mpa	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0
Measurement of Main Blower 主机风量	mm	1820×1100×1900	2280×1500×1900	2650×1780×1900	2810×2000×1900	2350×1550×1900	4200×2000×2300	3200×2000×1900	3200×2000×2200	3200×2000×2200
Power of Preheater 预热机功率	Kw	32	36	70	72	48	117	84	60	60
Power of Main Blower 吹瓶机功率	Kw	48	54	105	108	72	175	128	90	90
Weight of Main Blower 吹瓶机重量	T	1.5	2	2.5	3	2	4.5	3.5	3.5	3.5
Measurement of Conveyor 上料机尺寸	mm	2570×2570×2700	2570×2570×2700	2570×2570×2700	2890×2570×2700	2570×2570×2700				
Weight of Conveyor 上料机重量	T	0.2	0.2	0.2	0.2	0.2				
High Pressure Air Compressor Unit 高压空压机组	Power 功率 Pressure 压力	Kw Mpa	18.5 3.0	18.5×2 3.0	22×2 3.0	22×2 3.0	22×2 3.0	22×4 3.0	22×3 3.0	22×4 3.0
Low Pressure Air Compressor 低压空压机	Discharging Capa.排气量 Power 功率 Pressure 压力	m ³ /min Kw Mpa	1.5 11 1.25	3 11 1.25	4 11 1.25	4 11 1.25	4 11 1.25	6 22 1.25	6 30 1.25	10 22 1.25
Air tank 高压储气罐	Capacity 容量 Working Pressure 工作压力	m ³ Mpa	0.6 3.0	0.6 3.0	0.6 3.0	0.6 3.0	2×2 3.0	0.6×2 3.0	2 3.0	2 3.0
Water Chiller 冷水机	Cooling Capacity 制冷能力 Compressor Motor 压缩机功率	kcal/hr HP	11900 5	11900 5	11900 5	24090 10	11900 5	35200 10	35200 10	35200 10
Air Filter Odor Removal 过滤器	Discharging Capa.排气量 Pressure 压力	m ³ /min Mpa	2 3.0	3 3.0	4 3.0	4 3.0	1 3.0	6 3.0	6 3.0	8 3.0

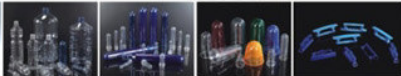
5-GALLON AUTOMATIC BLOW MOLDING MACHINES
WITH HANDLE AUTO-FITTING
PET5加仑带手柄全自动吹瓶机



5-GALLON MANUAL-LOADING AUTOMATIC BLOW
MOLDING MACHINES WITH BOTTLE AUTO-EXITING
PET5加仑手动装全自动吹瓶机



5-GALLON SEMI-AUTOMATIC BLOW
MOLDING MACHINES
PET5加仑半自动吹瓶机



CSD-AX1-5GAL



CSD-AX1-M-5GAL



CSD-5P(PET)

SEMI-AUTOMATIC BLOW
MOLDING MACHINES
半自动吹瓶机



CSD-AX1-M-2.5L



CSD-2



CSD-2P



Preheater for jar preform
特大口瓶坯加热器



Voltage Regulator
稳压箱



Front & Rear Air Filter
前后过滤器



Low Pressure
Air Compressor
低压空压机



High Pressure
Air Compressor Unit
高压空压机



Blow mould
吹瓶模具

SEMI-AUTOMATIC BLOW MOLDING MACHINES 半自动二步法吹瓶机技术参数

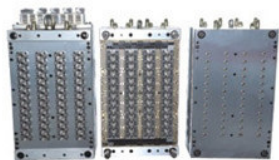
Item 项目	UNIT 单位	TECHNICAL DATA 技术参数		
		CSD-2P/CSD-2	CSD-3P/CSD-3	CSD-2P-4
Max. Volume of Product 制品容量	L	2×2 1×3	2×2 1×7	1.5×4
Production Capacity 生产能力	Pcs/h	840—360	840—360	1300
Neck Size of Product 制品口径	mm	<75	<75	28-32
Useful Area of Mould Plate 模板有效面积	mm	380×290	380×290	560×300
Max. Mould Thickness 最大模厚	mm	200	280	280
Min. Mould Thickness 最小模厚	mm	120	170	170
Mould Stroke 开模行程	mm	135	210	265
Clamping Force 锁模力	kn	80	80	100
Stretching Stroke 拉伸行程	mm	410	410	500
Working Pressure 工作气压	Mpa	1.0-1.25	1.0-1.25	1.0-1.25
Blowing Air Pressure 吹瓶气压	Mpa	2.5-3.0	2.5-3.0	2.5-3.0
Power of Main Blower 吹瓶机功率	kW	0.1	0.1	0.15
	A	0.5	0.5	0.75
Power of Preheater 加热器额定功率	kW	12	24	24
	A	18	36	36
Weight of Main Blower 吹瓶机重量	kg	690	800	1500
Weight of Preheater 加热器重量	kg	280	380	380
Measurement of Main Blower 吹瓶机尺寸	mm	1520×580×1750	1830×580×1800	2300×800×2000
Measurement of Preheater 加热器尺寸	mm	1350×485×1450	1450×700×1350	1800×750×1500

Remark: CSD-2, CSD-3: Time Relay Control 备注: CSD-2, CSD-3 为继电器控制。
CSD-2P, CSD-3P: PLC Control CSD-2P, CSD-3P 为PLC控制。

SEMI-AUTOMATIC BLOW MOLDING MACHINE MODEN CSD-5P (PET) 半自动二步法吹瓶机(CSD-5P(PET))技术参数

Item 项目	UNIT 单位	TECHNICAL DATA 技术参数
Max. Volume of Product 制品容量	L	3.8—26.6
Production Capacity 生产能力	Pcs/h	70—100
Neck Size of Product 制品口径	mm	<100
Useful Area of Mould Plate 模板有效面积	mm	410×440
Max. Mould Thickness 最大模厚	mm	400
Min. Mould Thickness 最小模厚	mm	350
Mould Stroke 开模行程	mm	320
Clamping Force 锁模力	kn	100
Stretching Stroke 拉伸行程	mm	530
Working Pressure 工作气压	Mpa	1.0-1.25
Blowing Air Pressure 吹瓶气压	Mpa	2.5-3.0
Power of Main Blower 吹瓶机功率	kW	2
	A	2100
Weight of Main Blower 吹瓶机重量	kg	2750
Measurement of Main Blower 吹瓶机尺寸	mm	2750×680×2100
Weight of Preheater 加热器重量	kg	560
	kW	18
Measurement of Preheater 加热器尺寸	A	27
	mm	2200×750×1850
	kW	9
High Pressure Air Compressor 高压空压机	Mpa	3.0
	m³/min	0.7
	kg	770
	kW	7.5
Low Pressure Air Compressor 低压空压机	Mpa	1.25
	m³/min	0.8
	kg	340
	Mpa	3.0
	m³/min	1.0
Front & Rear Air Filter 前后过滤器	mm	500×300×700
	KVA	20
Voltage Regulator 稳压箱	mm	800×620×1400
	kg	30
Air Dryer 冷干干燥机	m³/min	0.7
	kg	40

Item 项目	UNIT 单位	CSD-AX1-M-2L
Mold Number 模腔数		1
Production Capacity 制品容量	L	<2.5L
Production Capacity 生产能力	Pcs/h	1400-1600Pcs/h Based on 500ml bottle, Preform Neck 17mm, Weight: 17gram 1400-1600瓶/小时 基于500ml瓶, 瓶坯口径17mm, 瓶坯重17g
Max. Diameter of Product 制品最大直径	mm	Φ120
Neck Size of Product 制品口径	mm	Φ16-Φ38
Useful Area of Mould Plate 模板有效面积	mm	200×350
Max. Mould Thickness 模厚	mm	200
Mould Stroke 模板开模行程	mm	160
Clamping Force 锁模力	Kn	120
Stretching Stroke 拉伸行程	mm	450
Working Pressure 操作气压	Mpa	0.8-1.0
Blowing Air Pressure 吹瓶气压	Mpa	2.6-3.0
Measurement of Main Blower 电机尺寸 (长×宽×高)	mm	1820×1100×1900
Power of Preheater 加热器额定功率	Kw	32
	A	48
Power of Main Blower 吹瓶机功率	Kw	3
Weight of Main Blower 吹瓶机重量	T	1.5
High Pressure Air Compressor Unit 高压空压机组	Power 功率	Kw 18.5
	Pressure 压力	Mpa 3.0
Water Chiller 冷水机	Discharging Cap. 排气量	m³/min 1.5
	Compressor Motor 压缩机	HP 11900
Air Filter/Oil Filter 过滤器	Capacity 排气量	m³/min 2
	Working Pressure 工作压力	Mpa 3.0



Two Weights Prefrom Hot Runner Sharing Mold
双克重瓶胚模热流道共用模具



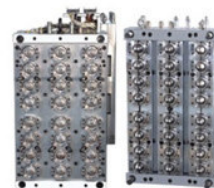
Preform Mold
PET瓶胚模具



Jar Preform Mold
PET广口瓶胚模具



Preform Mold(45mm)
PET瓶胚模具(45mm)



Jar Preform Mold
PET广口瓶胚模具



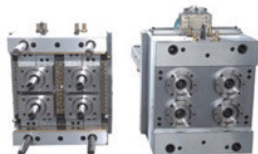
PET Jar and heavy preform mold
PET广口大克重瓶胚模具



4 Cavity 5-Gallon Preform Mold
一出四五加仑瓶胚模具



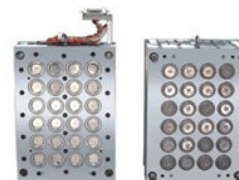
5-Gallon Preform Mold
5-加仑瓶胚模具



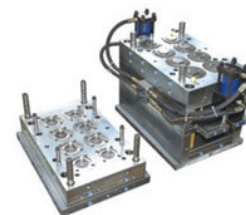
4 Cavity 3-Gallon Preform Mold
一出四三加仑瓶胚模具



16 Cavity Flip Top Cap Mold
一出16翻盖模具



Jar Cap Mold
瓶盖模具



5 gallon bottle cap Mold
5加仑瓶盖模具



Hot Runner Part
模具热流道部分



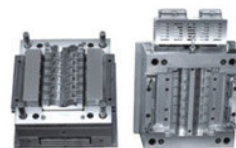
Fork And Spoon Mold
刀叉模具



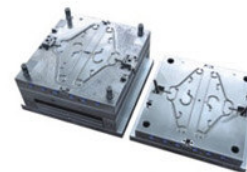
12 Cavity Hot Runner Spoon Mold
一出12热流道勺子模具



12 Cavity Hot Runner Fork Mold
一出12热流道叉子模具



12 Cavity Hot Runner Folding fork Mold
一出12热流道折叠式叉子模具



Hanger Mold
衣架模具



1 Cavity Automatic Blowing Mold
一出全自动机、吹瓶模具



1 Cavity Automatic Blowing Mold
一出全自动机、吹瓶模具



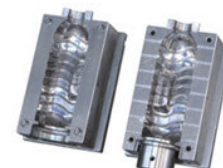
1 Cavity Automatic Blowing Mold
一出全自动机、吹瓶模具



30L beer keg mold
30升啤酒桶模具



Self sealing jar bottle mold
自锁封口大广口模具



1 Cavity Automatic Blowing Mold
一出全自动机、吹瓶模具



3 Cavity Automatic Blowing Mold
一出三全自动机、吹瓶模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



72 cavity hot runner medical products mold
72腔热流道医用模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



2 Cavity Semi-Automatic Blowing Mold
一出二半自动机、吹瓶模具



Full Set Of Extrusion Blow Mold Auto-Deflashing Device
中空挤吹模具自动冲水口整套装置



Full Set Of Extrusion Blow Mold Auto-Deflashing Device
中空挤吹模具自动冲水口整套装置



Extrusion Blow Mold
中空挤吹模具



Thin Wall Ice Cream Box Mold
薄壁冰淇淋盒子模具



Thin Wall Ice Cream Box Mold
薄壁冰淇淋盒子模具



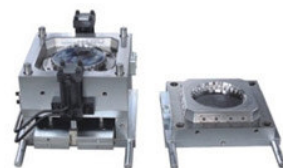
Thin Wall Ice Cream Jar Mold
薄壁冰淇淋罐模具



Thin Wall Ice Cream Jar Mold
薄壁冰淇淋罐模具



Thin Wall Ice Cream Jar Mold
薄壁冰淇淋罐模具



Thin Wall Box Mold
薄壁模具



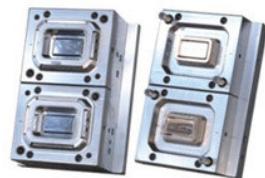
Commodity Mold
日用品模具



Commodity Mold
日用品模具



Chair Mold
椅子模具



Thin Wall Fast Food Box Mold
薄壁快餐盒子模具

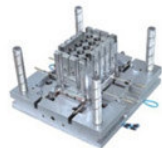


Thin Wall Fast Food Box Cover Mold
薄壁快餐盒子盖子模具



Thin Wall Fast Food Box Cover Mold
薄壁快餐盒子盖子模具

PLASTIC PRODUCTS MOULD 塑料制品模具



Crate Mold 周转箱模具



Pipe fitting Mold 管件模具



Chair Mold 椅子模具



Hanger Mold 衣架模具



Crate Mold 周转箱模具



CSD

PC 5-GALLON BLOW MOLDING MACHINE
PC5 加仑吹瓶机



Feature of Automatic Blow Molding
Machine Model CSD-5c(PC):

1. Mechanical motion controlled by hydraulic system and supervised by remote-controlled computer ensure machine steady running without noise.
2. Equipped with casting aluminum heater, temperature controlled by computer.
3. PLC program controls the machine operation swiftly and accurately.
4. Parison controller equipped on die head guarantees the wall thickness of bottle to be even.
5. Screw rotating speed can be adjusted by inverter in a wide range.
6. Special blowing design minimizes the wasted material.
7. With European Community Safety Attestation TÜV CE certificate.

Setting:

1. Hydraulic parts: VICKERS(USA)
2. PLC: OMRON(JAPAN)
3. Temperature controlled mould block: OMRON(JAPAN)
4. Other main electric and pneumatic parts are all world-famous brand.
5. Parison controller: 100POINT MOOG(JAPAN)

CSD-5C(PC) 吹瓶机特点:

1. 液压控制机械动作及电量远程控制确保机器运行平稳、宁静。
2. 铸铝加热器，电脑控温。
3. PLC程序控制机器动作迅速、精确。
4. 模头温度控制仪，确保瓶子壁厚均匀。
5. 变频控制螺杆转速，调速范围广。
6. 独特吹瓶设计，把水口料降至最少。
7. 通过欧洲TUV, CE安全认证。

标准配置:

1. 液压件: VICKERS (美国)
2. PLC: OMRON(日本)
3. 温控模块: OMRON(日本)
4. 世界知名品牌电器元件及气动元件
5. 变频控制仪: 100点MOOG(日本)



CSD-5C75(PC)



Auto-Loader
自动上料机



Low Pressure Air
Compressor
低压空压机



Neck Trimmer
瓶口修整机



Hopper Dryer
干燥料斗



CSD-5C(PC) TECHNICAL DATA 5加仑吹瓶机技术参数

Item 项目	UNIT	CSD-5C-75(PC)TECH. DATA	
Max. Volume of Product 最大产品容积	L	3.8-26.6	
Production Capacity 生产能力	Without Handle 带手把	50-55	
	With Handle 不带手把	45-50	
Neck size of Product 制品口径	mm	<200	
Screw Diameter 螺杆直径	mm	75	
Screw L/D Ratio 螺杆长径比	L/D	1:25	
Useful Area of Mould Plate 模板有效面积	mm	420×600	
Max. Mould Thickness 最大模厚	mm	400	
Min. Mould Thickness 最小模厚	mm	320	
Mould Stroke 开模行程	mm	200×2	
Clamping Force 锁模力	kn	30	
Blowing Air Pressure 吹气压力	MPa	0.8	
Power of Main Blower 吹瓶机主机功率	kw	30	
	A	60	
Power of Heating 加热功率	kw	20	
	A	30	
Power of Mould Heating 模具加热功率	kw	8	
	A	18	
Weight of Main Blower 吹瓶机主机重量	kg	6000	
Measurement of Main Blower 吹瓶机尺寸	mm	3200×1800×3000	
Low Pressure Air Compressor 低压空压机	Power 功率	kw	7.5
	Pressure 压力	kg	12.5
	Measurement 尺寸	mm	1860×740×1400
	Weight 重量	kg	340
Hopper Dryer 干燥料斗(3套)	Power 功率	kw	3.9
	Measurement 尺寸	mm	970×660×1020
	Accumulator Cap. 装料量	Kg/h	50
Auto-Loader 自动上料机(3套)	Power 功率	kw	1.1
	Measurement 尺寸	m	800×600×560
	Capacity 上料能力	Kg/h	300



Machine Base And Hydraulic Unit:
Solid foundations welded by high strength section steel make machine sturdy and durable.
Two independent hydraulic units available for mold clamping and ejection, saving energy consumption and cycle time.
All hydraulic parts are of famous international brands such as Vickers, Takas.
机器底座部分
机器底座采用高强度钢材和焊接材料等，坚固耐用。
两套独立液压单元可以使用户选择独立的锁模及顶出控制，节省能源消耗和周期时间。
所有液压件全部采用世界知名品牌。



Mold clamping system
开合模机构



Accumulator die head
储料式模头

EXTRUSION BLOW MOLDING MACHINE 全自动双工位中空成型机



CSD-EB45J2 CSD-EB65J2
CSD-EB55J2 CSD-EB75J2

EXTRUSION BLOW MOLDING MACHINE 全自动双工位中空成型机



CSD-EB90J1-A1/EB120J1-A1

EXTRUSION BLOW MOLDING MACHINE 全自动双工位中空成型机



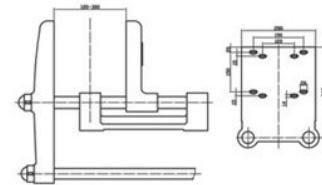
CSD-EB80J2/EB90J2/EB100J2

PARTS 部件细节



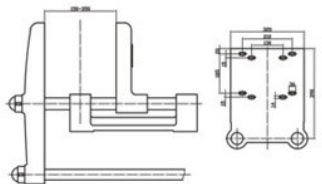
CSD 双工位中空成型机系列技术参数

机台型号	Unit	CSD-EB45J2-A1	CSD-EB45J2-A2	CSD-EB45J2-A3	CSD-EB45J2-A4
Screw Diameter 螺杆直径	mm	45	45	45	45
Screw L/d Ratio 螺杆长径比	L/D	26:1	26:1	26:1	26:1
Screw Speed 螺杆转速	R/min	10-85	10-85	10-85	10-85
Extruding Capacity 挤出量	PP PE	40	40	40	40
	PC PVC	25	25	25	25
Cycle Time 空模循环时间	S	7	7	7	7
Distance Of Die Heads 模头中心距	mm	100	100	70	50
Mould Stroke 开模行程	mm	120-300	120-300	120-300	120-300
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	280×300	280×300	280×300	280×300
Min. Mould Thickness 最小模厚	mm	120	120	120	120
Clamping Force 锁模压力	KN	35	35	35	35
Open Stroke 开模行程	mm	340	340	340	340
Extrusion Motor Power 挤出电机功率	kw	9	9	9	9
	A	18	18	18	18
Oil Pump Motor Power 油泵电机功率	kw	7.5	7.5	7.5	7.5
	A	15	15	15	15
Heater Power 加热功率	kw	10	11.5	13	14.3
	A	45	61.8	58.5	64.3
Number of heating rings 加热段数		5	6	7	8
Product volume 产品容积	ML	1000	500	300	100
Compressed Air 空气压力	Kg/cm ²	6-8	6-8	6-8	6-8
Air consumption 空气用量	m ³ /min	0.4	0.5	0.5	0.8
Cooling water pressure 冷却水压力	Kg/cm ²	3	3	3	3
Cooling water consumption 冷却水用量	L/min	30	30	30	30
Weight 整机重量	Kg	1450	1450	1450	1450
Measurement 外形尺寸(长×宽×高)	M	2.7×1.86×2.0	2.7×1.86×2.0	2.7×1.86×2.0	2.7×1.86×2.0



EB45J2

机台型号	Unit	CSD-EB55J2-A1	CSD-EB55J2-A2	CSD-EB55J2-A3	CSD-EB55J2-A4	CSD-EB55J2-A8
Screw Diameter 螺杆直径	mm	55	55	55	55	55
Screw L/d Ratio 螺杆长径比	L/D	26:1	26:1	26:1	26:1	26:1
Screw Speed 螺杆转速	R/min	10-78	10-78	10-78	10-78	10-78
Extruding Capacity 挤出量	PP PE	70	70	70	70	70
	PC PVC	40	40	40	40	40
Cycle Time 空模循环时间	S	9	9	9	9	9
Distance Of Die Heads 模头中心距	mm	150-350	120	95	75	50
Mould Stroke 开模行程	mm	150-350	150-350	150-350	150-350	150-350
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	320×345	320×345	320×345	320×345	320×345
Min. Mould Thickness 最小模厚	mm	150	150	150	150	150
Clamping Force 锁模压力	KN	58	58	58	58	58
Open Stroke 开模行程	mm	390	390	390	390	390
Extrusion Motor Power 挤出电机功率	kw	15	15	15	15	15
	A	30	30	30	30	30
Oil Pump Motor Power 油泵电机功率	kw	11	11	11	11	11
	A	22	22	22	22	22
Heater Power 加热功率	kw	12	13.2	14.5	15.8	17
	A	54	69.3	65.2	71.1	76.5
Number of heating rings 加热段数		6	8	10	10	12
Product volume 产品容积	ML	2500	2000	800	500	150
Compressed Air 空气压力	Kg/cm ²	6-8	6-8	6-8	6-8	6-8
Air consumption 空气用量	m ³ /min	0.5	0.5	0.6	0.6	0.8
Cooling water pressure 冷却水压力	Kg/cm ²	3	3	3	3	3
Cooling water consumption 冷却水用量	L/min	60	50	50	50	50
Weight 整机重量	Kg	2750	2750	2750	2750	2750
Measurement 外形尺寸(长×宽×高)	M	3.0×2.1×2.2	3.0×2.1×2.2	3.0×2.1×2.2	3.0×2.1×2.2	3.0×2.1×2.2



EB55J2

Technical Parameter of CSD-EB50J2 Double-station(Sig bottle) Extrusion Blow Molding Machine
CSD-EB50J2中空成型机参数表

Model 机台型号	Unit	CSD-EB50J2
Screw Diameter 螺杆直径	mm	50
Screw L/D Ratio 螺杆长径比	L/D	24:1
Screw Speed 螺杆转速	R/min	10-85
Extruding Capacity 挤出量	PP, PE kg/h PC, PVC kg/h	50 30
Cycle Time 空循环时间	S	7
Mould Stroke 开模行程	mm	120-300
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	300×300
Min. Mould Thickness 小模厚	mm	120
Clamping Force 锁模压力	Kn	40
Open Stroke 开模行程	mm	340
Extrusion Motor Power 挤出电机功率	kw A	11 22
Oil Pump Motor Power 油泵电机功率	kw A	7.5 15
Heater Power 加热功率	kw A	13.2 50.3
Number of heating rings 加热圈数		5
Compressed Air 压缩空气压力	Kg/ffcm ²	6-8
Clamping Air 锁模空气压力	M ³ /min	0.4
Cooling water pressure 冷却水压力	Kg/ffcm ²	3
Cooling water flow 冷却水流量	L/min	30
Weight 整机重量	Kg	1450
Product volume 产品容积	ml	1500
Machine Size (W×D×H) 机台外形尺寸(宽×高×深)	m	2.7×1.86×2.0

Technical Parameter of CSD-EB70J2 Double-station(Sig bottle) Extrusion Blow Molding Machine
CSD-EB70J2中空成型机参数表

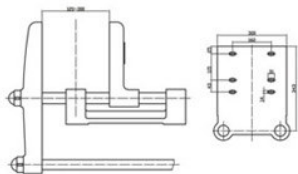
Model 机台型号	Unit	CSD-EB70J2
Screw Diameter 螺杆直径	mm	70
Screw L/D Ratio 螺杆长径比	L/D	26:1
Screw Speed 螺杆转速	R/min	10-70
Extruding Capacity 挤出量	PP, PE kg/h PC, PVC kg/h	110 75
Cycle Time 空循环时间	S	10
Mould Stroke 开模行程	mm	220-520
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	400×430
Min. Mould Thickness 小模厚	mm	220
Clamping Force 锁模压力	Kn	80
Open Stroke 开模行程	mm	450
Extrusion Motor Power 挤出电机功率	kw A	22 44
Oil Pump Motor Power 油泵电机功率	kw A	11 22
Heater Power 加热功率	kw A	22.3 100
Number of heating rings 加热圈数		6
Compressed Air 压缩空气压力	Kg/ffcm ²	6-8
Clamping Air 锁模空气压力	M ³ /min	0.6
Cooling water pressure 冷却水压力	Kg/ffcm ²	3
Cooling water flow 冷却水流量	L/min	50
Weight 整机重量	Kg	6550
Product volume 产品容积	ml	7500
Machine Size (W×D×H) 机台外形尺寸(宽×高×深)	m	3.8×2.2×2.5

Technical Parameter of CSD-EB60J2 Double-station(Sig bottle) Extrusion Blow Molding Machine
CSD-EB60J2中空成型机参数表

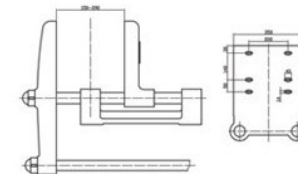
Model 机台型号	Unit	CSD-EB60J2
Screw Diameter 螺杆直径	mm	60
Screw L/D Ratio 螺杆长径比	L/D	26:1
Screw Speed 螺杆转速	R/min	10-78
Extruding Capacity 挤出量	PP, PE kg/h PC, PVC kg/h	80 50
Cycle Time 空循环时间	S	9
Mould Stroke 开模行程	mm	150-390
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	350×360
Min. Mould Thickness 小模厚	mm	150
Clamping Force 锁模压力	Kn	65
Open Stroke 开模行程	mm	390
Extrusion Motor Power 挤出电机功率	kw A	18.5 37
Oil Pump Motor Power 油泵电机功率	kw A	11 22
Heater Power 加热功率	kw A	15.3 65.8
Number of heating rings 加热圈数		6
Compressed Air 压缩空气压力	Kg/ffcm ²	6-8
Clamping Air 锁模空气压力	M ³ /min	0.5
Cooling water pressure 冷却水压力	Kg/ffcm ²	3
Cooling water flow 冷却水流量	L/min	50
Weight 整机重量	Kg	3130
Product volume 产品容积	ml	4000
Machine Size (W×D×H) 机台外形尺寸(宽×高×深)	m	3.2×2.1×2.2

Technical Parameter of CSD-EB80J2 Double-station(Sig bottle) Extrusion Blow Molding Machine
CSD-EB80J2中空成型机参数表

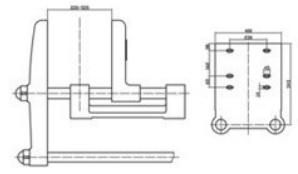
Model 机台型号	Unit	CSD-EB80J2
Screw Diameter 螺杆直径	mm	80
Screw L/D Ratio 螺杆长径比	L/D	26:1
Screw Speed 螺杆转速	R/min	10-70
Extruding Capacity 挤出量	PP, PE kg/h PC, PVC kg/h	150 105
Cycle Time 空循环时间	S	11
Mould Stroke 开模行程	mm	280-600
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	500×480
Min. Mould Thickness 小模厚	mm	280
Clamping Force 锁模压力	Kn	110
Open Stroke 开模行程	mm	540
Extrusion Motor Power 挤出电机功率	kw A	37 74
Oil Pump Motor Power 油泵电机功率	kw A	15 30
Heater Power 加热功率	kw A	30 135
Number of heating rings 加热圈数		6
Compressed Air 压缩空气压力	Kg/ffcm ²	6-8
Clamping Air 锁模空气压力	M ³ /min	0.7
Cooling water pressure 冷却水压力	Kg/ffcm ²	3
Cooling water flow 冷却水流量	L/min	80
Weight 整机重量	Kg	8500
Product volume 产品容积	ml	10000
Machine Size (W×D×H) 机台外形尺寸(宽×高×深)	m	4.4×2.25×3.0



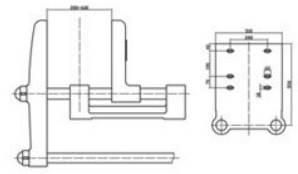
EBS50J2



EBS60J2



EBS70J2



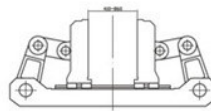
EBS80J2

Technical Parameter of CSD-EB100J2-30L Double-station(Sig bottle) Extrusion Blow Molding Machine
CSD-EB100J2-30L中空成型机参数表

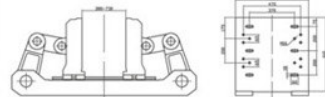
Model 机台型号	Unit	CSD-EB100J2-30L
Screw Diameter 螺杆直径	mm	100
Screw L/D Ratio 螺杆长径比	L/D	28:1
Screw Speed 螺杆转速	R/min	10-68
Extruding Capacity 挤出量	PP, PE kg/h PC, PVC kg/h	200 132
Cycle Time 空循环时间	S	15
Mould Stroke 开模行程	mm	410-860
Max mould Size (W×H) 最大模具尺寸(宽×高)	mm	660×660
Min. Mould Thickness 小模厚	mm	410
Clamping Force 锁模压力	Kn	260
Open Stroke 开模行程	mm	800
Extrusion Motor Power 挤出电机功率	kw A	55 110
Oil Pump Motor Power 油泵电机功率	kw A	22 44
Heater Power 加热功率	kw A	48 216
Number of heating rings 加热圈数		8
Compressed Air 压缩空气压力	Kg/ffcm ²	6-8
Clamping Air 锁模空气压力	M ³ /min	2
Cooling water pressure 冷却水压力	Kg/ffcm ²	3
Cooling water flow 冷却水流量	L/min	100
Weight 整机重量	Kg	14300
Product volume 产品容积	ml	3000
Measurement 测量尺寸	m	5.4×4.0×3.8

Technical Parameter of CSD-5C-75PC Double-station(Sig bottle) Extrusion Blow Molding Machine
CSD-5C-75PC中空成型机参数表

Model 机台型号	Unit	CSD-5C-75PC
Product volume 产品容积	L	3.8-26.6
Production Capacity 生产能力	kg/h Pcs/h	50-55 45-50
Max. mould size 最大模具尺寸	mm	<=200
Screw Diameter 螺杆直径	mm	75
Screw L/D Ratio 螺杆长径比	L/D	26:1
Screw Speed 螺杆转速	R/min	10-70
Extruding Capacity 挤出量	kg/h	90
Max mould size (W×H) 最大模具尺寸(宽×高)	mm	380-730
Clamping Force 锁模压力	KN	120
Extrusion Motor Power 挤出电机功率	kw A	37 74
Oil Pump Motor Power 油泵电机功率	kw A	15+4 30+8
Heater Power 加热功率	kw A	26 117
Number of heating rings 加热圈数		7
Weight 整机重量	Kg	7500
Machine Size (W×D×H) 机台外形尺寸(宽×高×深)	M	4.0×2.1×3.0
Power 功率	KW	7.5
Low Pressure Air Compressor 可空压机	Pressure 压力 Management 尺寸	Kg/ffcm ² 1.86×0.74×1.4
Weight 重量	Kg	340
Hopper Dryer 干燥料斗	Power 功率 Management 尺寸	KW 0.97×0.86×1.02
Auto-Loader 自动上料机	Power 功率 Management 尺寸 上料能力	KW 1.1 0.8×0.8×0.56 Kgh 300



EB100J2-30L



5C-75PC

CHANGSHENGDA MACHINERY (ZHEJIANG) CO.,LTD.

Address: NO.9, Bei Yuan Ave., Huangyan Economic Developing Area(W),
Huangyan, Zhejiang, China

(Service hot line)Tel: 86-576-8425555

PC: 318020

Fax: 86-576-84083333

(Service hot line)Tel: 86-576-84083222

Fax: 86-576-84119333

E-mail: marketing@changshengda.com

Web Site: www.changshengda.com