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Injection Molding Machine For PET Preform PET瓶胚專用註塑機



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PET瓶胚專用注塑機

Injection Molding Machine For PET Preform

PET瓶胚專用注塑機主要特點

Main Features on PET Preform Injection Molding Machine

- PET專用塑化組件，L/D比為22: 1~24: 1，保證低剪切條件下的高速優質塑化；
- 加大功率油泵電機配置，可實現高效生產，比常規機器速度加快20%；
- 加大型冷卻水運水裝置，確保PET產品的透明度；
- 可提供模具、注塑機、周邊輔機整體配套。
- Special PET plasticizing components with L/D ratio of 22:1~24:1, ensures high quality plasticizing under low shearing.
- Enlarged motor and pump, greatly enhances machine operation speed by 20%.
- Enlarged transmitting devices for cooling water, secures preform transparency.
- Turn-key solutions including injection molding machine, mold and auxiliary equipments can be provided.



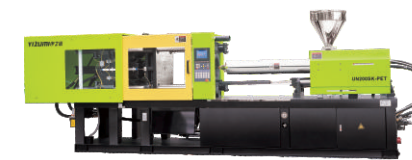
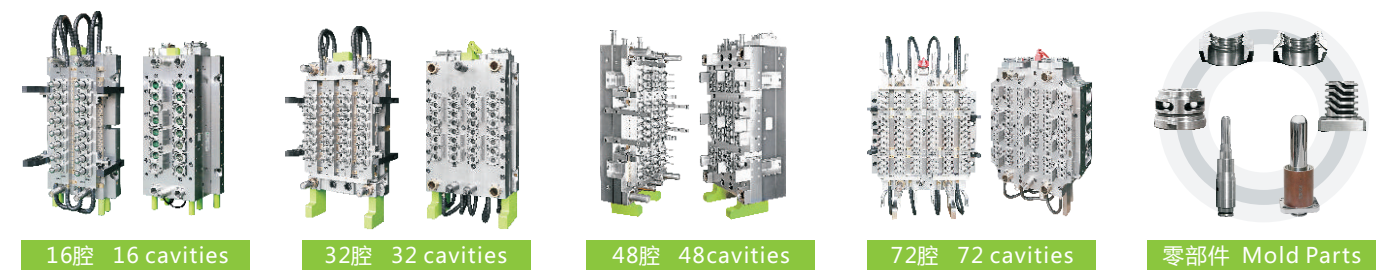
UN160A5-PET ~ UN480A5-PET
技術參數表 Specifications

說明	DESCRIPTION	UNIT	UN160A5-PET	UN200A5-PET	UN260A5-PET	UN320A5-PET	UN400A5-PET	UN480A5-PET		
國際標準規格	International specification		604/1600	895/2000	1269/2600	1885/3200	2693/4000	3330/4800		
射膠機構 INJECTION UNIT										
理論注射容積	Shot volume	cm ³	452.3	664	962.4	1338.2	1634	1828.8	2193.7	2459.6
實際注射量	Shot weight (PET)	g(克)	484	711	1030	1432	1749	1957	2347	2632
		oz(盎司)	17.1	25.1	36.3	50.5	61.7	69	82.7	92.8
螺絲直徑	Screw diameter	mm	53	60	68	76	84	84	92	92
射膠壓力	Injection pressure	MPa	133.6	134.8	131.8	141	115	147.3	122.8	135.5
射膠速率	Injection rate	g/s	275	370	473	553	675	610	732	663
螺絲長度直徑比	Screw L:D ratio		22:1	24:1	24:1	24:1	22:1	24:1	22:1	24:1
最大注射速度	Max. injection speed	mm/s	117	122	122	114	114	103	103	92
螺絲行程	Screw stroke	mm	205	235	265	295	295	330	330	370
螺絲轉速	Screw speed(stepless)	r/min	0-197	0-200	0-200	0-156	0-125	0-120	0-102	0-103
鎖模機構 CLAMPING UNIT										
鎖模力	Clamping force	kN	1600	2000	2600	3200	4000	4800		
開模行程	Opening stroke	mm	420	490	530	640	700	780		
連接柱內距(WxH)	Space between tie bars	mmxmm	460x460	530x530	610x570	710x670	760x710	830x810		
模板最大距離	Max. Daylight	mm	940	1040	1140	1300	1430	1590		
容模量(最薄-最厚)	Mold thickness(Min.Max)	mm	160-520	180-550	195-610	220-660	240-730	260-810		
油壓頂出行程	Hydraulic ejection stroke	mm	140	150	160	170	210	220		
頂出孔數量	Ejector number		5	5	13	13	13	17		
油壓頂出力	Hydraulic ejection force	kN	42	77	137	137	166	166		
動力/電熱 POWER UNIT										
油壓系統壓力	Hydraulic system pressure	Mpa	17.5	17.5	17.5	17.5	17.5	17.5		
油泵馬達	Pump motor	kW	22	36	39.4	55	70	70		
電熱量	Heating capacity	kW	14.2	20.1	24.7	32.8	38	40		
溫度控制區數	Number of temp control zones		5	6	6	6	6	6		
其它 GENERAL UNIT										
油箱容量	Oil tank capacity	L	220	255	335	445	570	760		
機械外形尺寸(LxWxH)	Machine dimensions(LxWxH)	mxmxxm	5.35x1.37x2.02	5.82x1.45x2.09	6.52x1.64x2.39	7.21x1.85x2.50	7.91x2.16x2.45	8.59x2.21x2.49		
機重	Machine weight	kg	5000	6500	8500	13500	16000	20500		

備註：1. 理論注射容積=注塑機料筒截面積X注射行程 2. 實際注射量=理論注射容積X1.07 (以PET計算) 3. 正常情況下改善規格參數，恕不另行通知

配套伊之密自製PET模具

Yizumi-made PET Preform Mold



UN90SK-PET ~ UN480SK-PET
技術參數表 Specifications

說明	DESCRIPTION	UNIT	UN120SK-PET	UN160SK-PET	UN200SK-PET	UN260SK-PET	UN320SK-PET	UN400SK-PET	UN480SK-PET		
國際標準規格	International specification		392/1200	604/1600	895/2000	1269/2600	1885/3200	2693/4000	3330/4800		
射膠機構 INJECTION UNIT											
理論注射容積	Shot volume	cm ³	307.6	452.3	664	962.4	1338.2	1634	1828.8	2193.7	2459.6
實際注射量	Shot weight (PET)	g(克)	329	484	711	1030	1432	1749	1957	2347	2632
		oz(盎司)	11.6	17.1	25.1	36.3	50.5	61.7	69.0	82.7	92.8
螺絲直徑	Screw diameter	mm	48	53	60	68	76	84	84	92	92
射膠壓力	Injection pressure	MPa	127.6	133.6	134.8	131.8	141	115	147.3	122.8	135.5
射膠速率	Injection rate	g/s	-	-	-	-	-	-	-	-	-
螺絲長度直徑比	Screw L:D ratio		22:1	22:1	24:1	24:1	24:1	22:1	24:1	22:1	24:1
最大注射速度	Max. injection speed	mm/s	103	101	100	89	97	97	94	94	103
螺絲行程	Screw stroke	mm	170	205	235	265	295	295	330	330	370
螺絲轉速	Screw speed(stepless)	r/min	0-233	0-170	0-163	0-146	0-132	0-105	0-110	0-93	0-115
鎖模機構 CLAMPING UNIT											
鎖模力	Clamping force	kN	1200	1600	2000	2600	3200	4000	4800		
開模行程	Opening stroke	mm	340	410	460	530	580	660	760		
連接柱內距(WxH)	Space between tie bars	mmxmm	410x370	455x435	510x510	570x570	670x670	710x710	810x810		
模板最大距離	Max. Daylight	mm	740	870	980	1100	1240	1390	1570		
容模量(最薄-最厚)	Mold thickness(Min.Max)	mm	145-400	160-460	180-520	195-610	220-660	240-730	260-810		
油壓頂出行程	Hydraulic ejection stroke	mm	120	140	140	180	190	210	220		
頂出孔數量	Ejector number		5	5	5	9	9	13	13		
油壓頂出力	Hydraulic ejection force	kN	42	42	77	124	137	125	125		
動力/電熱 POWER UNIT											
油壓系統壓力	Hydraulic system pressure	Mpa	17.5	17.5	17.5	17.5	17.5	17.5	17.5		
油泵馬達	Pump motor	kW	15	18.5	22	30	37	45	55		
電熱量	Heating capacity	kW	12.1	14.2	20.1	24.7	32.8	38	40		
溫度控制區數	Number of temp control zones		5	5	6	6	6	6	6		
其它 GENERAL UNIT											
油箱容量	Oil tank capacity	L	235	260	270	470	635	1000	1100		
機械外形尺寸(LxWxH)	Machine dimensions(LxWxH)	mxmxxm	4.24x1.09x2.02	4.92x1.17x2.14	5.52x1.26x2.16	6.22x1.53x2.44	6.92x1.62x2.50	7.79x1.74x2.57	8.71x1.85x2.66		
機重	Machine weight	kg	3420	4570	5800	8600	11000	14500	19500		

Note: 1. Shot volume=barrel sectional area × injection stroke 2. Shot weight=shot volume × 1.07(according to PET) 3. Specifications may be changed without prior notice