



State Fully-Supporting New High-Tech Enterprise

**TIME TO GO GLOBAL**

**HX-HIGHSUN** is one of the most professional Injection Molding Machine manufacturer with more than 40 years' history (founded 1973) in China.

As one of the leading innovator and developer of Injection Molding Machine, HX-HIGHSUN has the world's first class production plant occupied more than 100 million square ft; equipped with the most advanced CNC machining system and processing equipments & inspection devices (CNC utilization ratio: above 83%), achieve with mass production with higher-quality and quicker-delivery.

Production capacity may reach 7000sets per year. Supply variety of series with clamping force from 65ton to 3000ton coverage with HXF (standard proportional fix pump), HXW (variable pump), HXM (servo drive), HXH (high-speed performance), Hybrid & Full electric, Two-platen and special solution as PET series, PVC series, BMC series, etc.

Realized more than 100million US\$ sales in 2017, constantly keep 15% increase in sales in the past 3 years; and from 2013 to 2017, a fifth consecutive HX awarded TOP-3 leader by CPIMMA for comprehensive strength of IMM manufacture and develop.

Based on strict management, superior quality, stressing reputation and paying attention to service, HX-HIGHSUN hot sale to Europe and United States, Asia, Africa and the world, won majority of customers good reputation and recognition.

### 宁波海雄塑料机械有限公司

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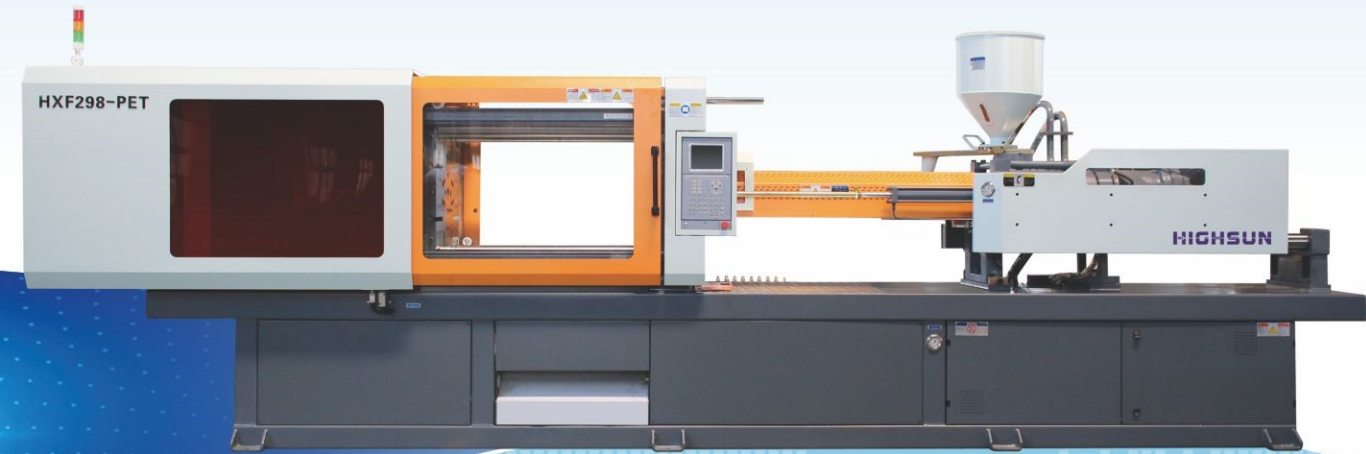
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## PET PREFORM Injection Molding Machine



NINGBO BEILUN HIGHSUN MACHINERY CO.,LTD.



### 产品规格 Specifications

			HX(*)158PET	HX(*)188PET	HX(*)218PET	HX(*)258PET	HX(*)298PET	HX(*)330PET	HX(*)410PET	HX(*)470PET	HX(*)530PET	HX(*)630PET
<b>注射装置 Injection Unit</b>												
螺杆直径	Screw diameter	mm	45	50	65	65	75	80	85	90	95	100
螺杆长径比	Screw L/D ratio	L/D	24	24	24	24	24	24	24	24	24	24
理论注射容积	Injection capacity in theory	cm <sup>3</sup>	318	546	962	962	1502	1859	2099	2612	3015	3512
注射重量	Injection weight(PET)	g	350	601	1058	1058	1652	2045	2309	2873	3317	3863
注射压力	Injection pressure	MPa	177	143	143	143	137	152	135	148	149	184
注射速率	Injection rate	g/s	144	179	316	316	376	446	503	658	700	470
塑化能力	Plasticizing capacity	g/s	25	44	76	76	56	105	120	83	95	85
螺杆转速	Screw speed	rpm	200	160	150	150	160	160	160	150	130	125
<b>合模装置 Clamping Unit</b>												
合模力	Clamping force	KN	1580	1880	2180	2580	2980	3300	4100	4700	5300	6300
移动模板行程	Moving mould-plate stroke	mm	400	450	520	550	600	660	700	780	830	870
最大模厚	Max.Mould height	mm	500	530	580	600	690	750	800	820	830	900
最小模厚	Min.Mould height	mm	150	180	200	230	230	250	280	300	330	350
拉杆有效间距	Space between tie-bars	mm	460*410	510*460	520*520	570*570	605*590	720*670	770*720	820*770	860*810	900x850
液压顶出力	Hydraulic ejector force	KN	150	150	80	125	150	180	180	180	230	200
液压顶出行程	Hydraulic ejector stroke	mm	80	80	150	150	125	180	180	200	181	260
顶出点数	Ejector number	n	5	5	9	13	13	13	13	13	17	17
<b>其它 Other</b>												
油泵压力	Pump pressure	MPa	16	16	16	16	16	16	16	16	16	16
普通电机/驱动功率	Motor/Driving power	KW	18.5	18.5	22	30	37	45	45	45	55	55
加热功率	Heating capacity	KW	17.95	21.55	22.7	23.9	24.73	32.85	32.85	35.45	37.85	42
外形尺寸	Machine dimension	m	5.0*1.32*1.93	5.69*1.38*2.08	6.5*1.34*2.125	6.90*1.61*2.04	7.35*1.75*2.15	7.9*1.77*2.18	8.21*1.96*2.35	8.5*2.14*2.5	9.05*2.14*2.61	9.5x2.4x2.7
机器重量	Machine weight	t	4.5	5.3	6.9	7.2	9	12	14.2	20	21	31.5
油箱容积	Oil tank capacity	L			281	311				969	1156	1136



Specializing in PET series of injection molding machines

- Adopt the special designed screw and large torque melt motor, in order to facilitate PET raw materials plasticizing and molding.
- The ejector system can well meet the production of PET products.
- With the high-power motor-pump system, it can achieve shorter cycle time.