

NPC SERIES

伺服节能精密注塑机

1100-22000KN



ABOUT US

关于我们

浙江宁塑机械制造有限公司位于“中国塑机之城”浙江宁波象山，是一家集研发、生产、销售、服务于一体的塑料注塑成型机的制造企业。

公司前身是宁波宁塑机械有限公司，自2009年成立至今，凭借自身在塑机行业20多年的专业经验和不断的技术创新，公司自主研发的NPC系列产品已广泛服务于各个领域的塑料生产行业。

公司拥有10万平方米的生产基地，各种大型的精密加工设备，并拥有一支技术过硬和服务意识一流的团队，公司一直致力于高效节能、特殊机种的研发制造，推出了NPC系列的精密机、快速机、果筐机、制桶机、滴灌机、瓶胚机等一系列专用注塑机，受到客户的一致肯定。公司积极开拓海外市场，产品已远销欧洲、南美、中东、东南亚、非洲等各个国家及地区。

公司始终坚持“宁静致远、塑造未来”为处事理念、以“诚信、创新”为发展理念、“求实、奉献”为企业精神，遵循“服务客户，合作共赢”的合作理念，致力于向全球客户提供最高性价比的产品和最优质的服务。



Zhejiang NPC Machinery Manufacturing Co., Ltd. is a plastic injection molding machine manufacturing enterprise that integrates research and development, production, sales, and service. Its headquarters is located in Xiangshan County Ningbo city , Zhejiang Province, known as the "City of Plastic Machinery in China".

The predecessor of the company was Ningbo Ningsu Machinery Co., Ltd. Since its establishment in 2009, with more than 20 years of professional experience and continuous technological innovation in the plastic machine industry, the company's independently developed NPC series products have been widely used in various fields of plastic production industry.

The company has a production base of 100000 square meters ,various large-scale precision processing equipment . has a team with excellent technology and service awareness. We have always been committed to the research and development and manufacturing of efficient and energy-saving special models, and have launched a series of specialized injection molding machines such as NPC series precision machines, Fast Cycle machines, Fruit Basket machines, Bucket machines, dripper irrigation machines, PET Bottle preform machines, etc., which have been unanimously recognized by customers. The company actively explores overseas markets and its products have been exported to various countries and regions such as Europe, South America, the Middle East, Southeast Asia, and Africa.

Our company has always adhered to the service philosophy of "going far with tranquility and shaping the future", the development philosophy of "integrity and innovation", and the corporate spirit of "seeking truth and dedication". Following the cooperation philosophy of "serving customers and win-win cooperation", we are committed to providing global customers with the highest cost-effective products and the highest quality services.

PRODUCTION BASE

生产基地

寻找缺陷，塑造完美！

FIND DEFECT TO MAKE IT PERFECT!

善于在生产中不断的发现和改进，力求做到完美，秉承了公司以诚信，创新的发展理念。

The company keeps finding and improving if production, and makes the product perfect. Development principle of credit and innovation are strictly upheld.



精良的设备，是品质的保证！

FINE EQUIPMENT TO GUARANTEE THE QUALITY

产品的质量是企业的生命，这是宁塑的一贯宗旨，所有的零件均采用加工中心和大型数控镗铣床，确保了零件的精度。

Product quality is the life of the company. The processing center and NC boring CNC milling machine guarantee the precision of parts.

采用先进的精密夹杆力传感器。与传统的夹紧试验方法相比，该方法具有精度高、可靠性高、操作简便等优点

Advanced precise rod clamping force sensor is adopted. Compared with the traditional clamping testing method, it is more precise and reliable, and easier and more convenient in operation.



INJECTION UNIT

注射单元

注射精准、运行平稳

Accurate injection and

Stable operation

双缸平衡注射系统

双缸座台进移

多级注射压力/速度&位置控制

多级储料压力/速度&位置控制

高扭矩油马达驱动螺杆预塑装置

料筒温度通过电脑PID控制

陶瓷料筒加热装置

料筒下料口冷却系统

螺杆测速装置

Dual-cylinder balanced injection system

Dual-cylinder base forward

Multi-stage injection pressure/speed & position control

Multi-stage storing pressure/speed & position control

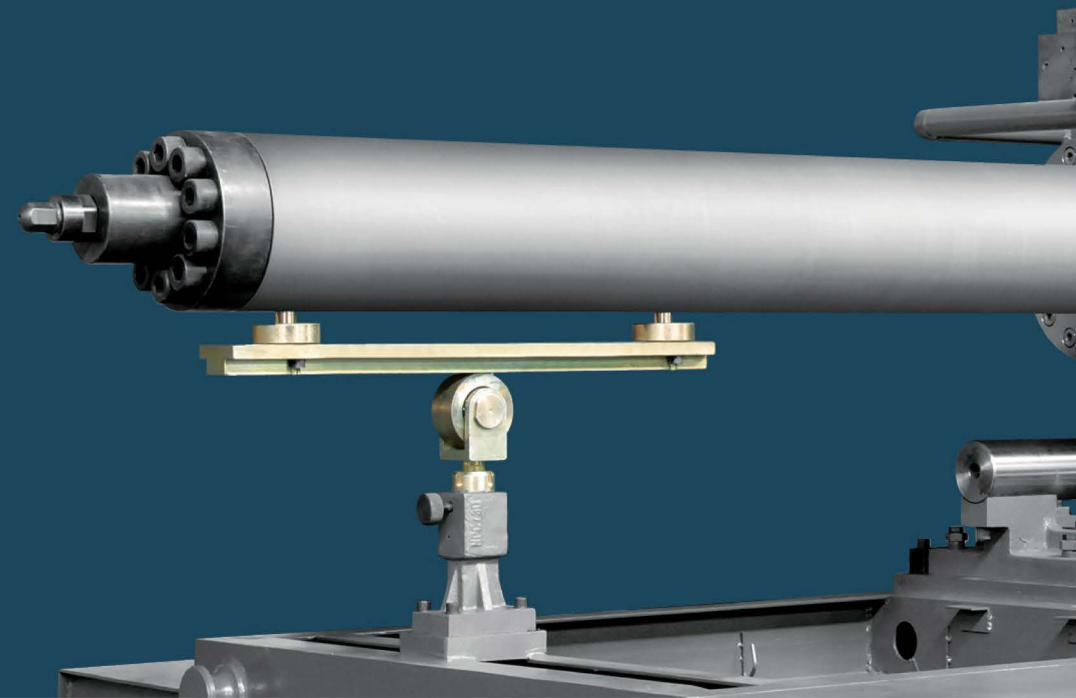
High-torque oil motor drive screw preplasticizing device

Hopper temperature control by computer PID

Ceramic hopper heating device

Hopper blanking opening cooling system

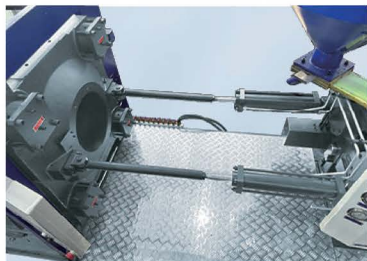
Screw speed tester





预塑比例背压控制
Proportion back pressure control

预塑采用比例背压控制，操作简便，运行稳定
Pre-plastic use proportional back pressure control, easy to operate, stable operation



平衡式双缸整移结构
Balanced dual-cylinder integral moving structure

双射移结构，垂直平衡于机筒两侧，确保喷嘴对中精准，注射稳定。
The dual-cylinder translation structure is vertically balanced on both sides of the barrel, ensuring precise nozzle alignment and stable injection.



滚柱式料斗滑板
Roller hopper sliding plate

滚柱式料斗滑板 拉动省力 易于换料
Roller hopper sliding plate is easy to pull and easy to change materials



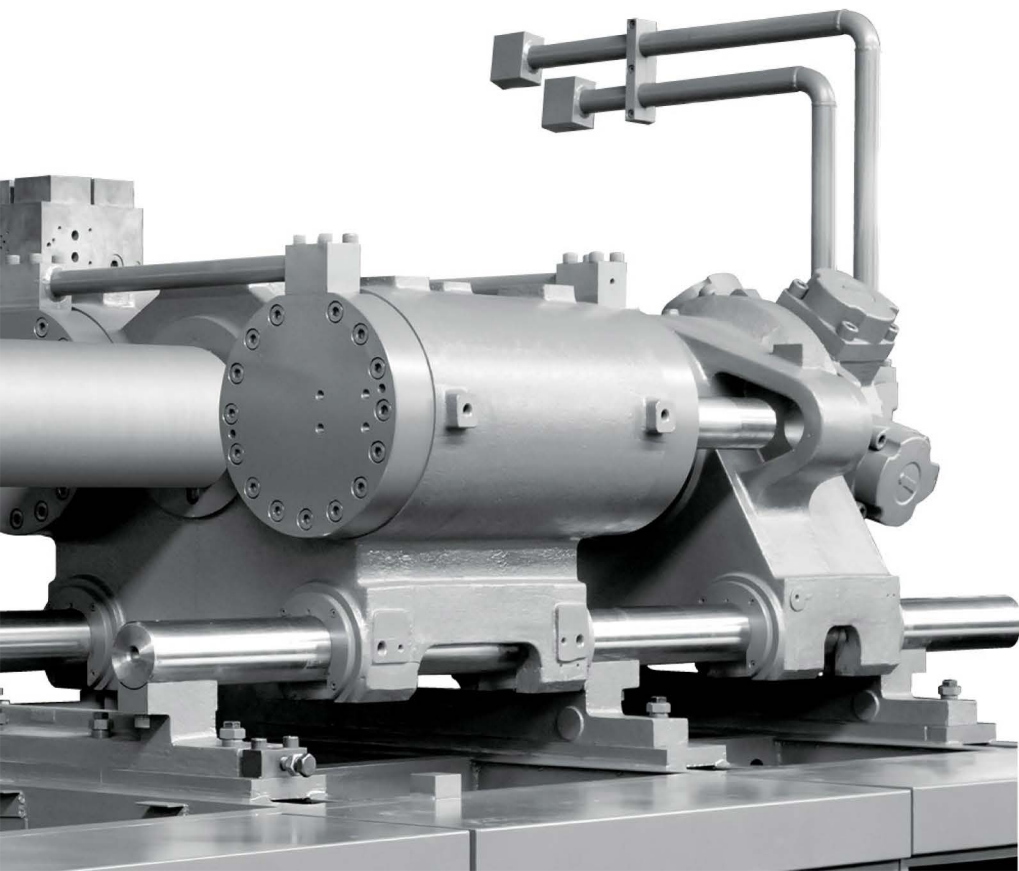
专用螺杆
Special screw

采用合金或电镀的专用螺杆，有效提高产品的塑化速度和效果
Adopted with alloy or plating material on the screw, effectively improve the plasticizing performance and speed.



注射开环控制（选配）
Injection open-loop control (optional)

注射时采用开环控制，保证在注射时螺杆能匀速进行。
Open-loop control is used during injection to ensure that the screw can operate at a constant speed during injection.



电预塑系统（选配）
Electric Pre-plasticizing Technology (Optional)

提升塑化效率，缩短成型周期，便于实现开储同步功能，比传统油马达控制节约20%左右能耗
With huge improvement of efficiency compare to the traditional hydraulic motor, the power of the driven motor is significantly reduced, shorten the complete cycle time, easy to achieve "charging on the fly" function, and realize the energy saving at least 20%.

CLAMPING UNIT

合模单元

模板刚性强、运行平稳

Strong rigidity of the template

and stable operation

斜排式双肘机械锁模机构

连体前连杆整体铸造

中子装置标准接口

自动集中润滑系统

自动调模功能

Diagonal type dual toggle mechanic mould

clamping mechanism

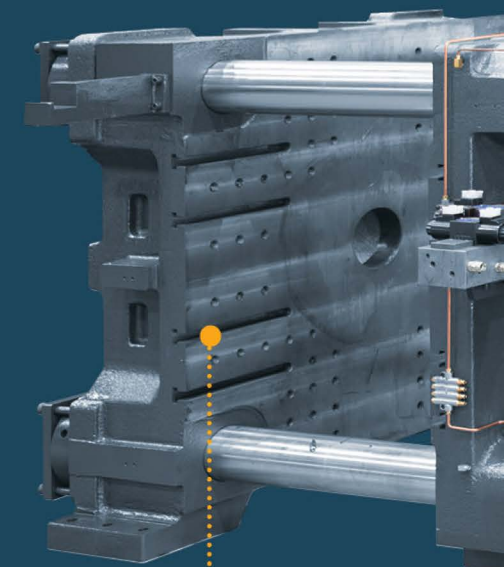
One-piece casting of the connecting rod

before connection

Standard interface of the neutron device

Automatic centralized lubrication system

Automatic mould adjustment function



模板采用T型槽，合理的T型槽布局，不仅方便模具的安装，同时也增加模板的强度。

The templates adopts T-shape slot. The reasonable T-shape slot arrangement not only makes it convenient to install moulds, but also enhances the strength of the template.



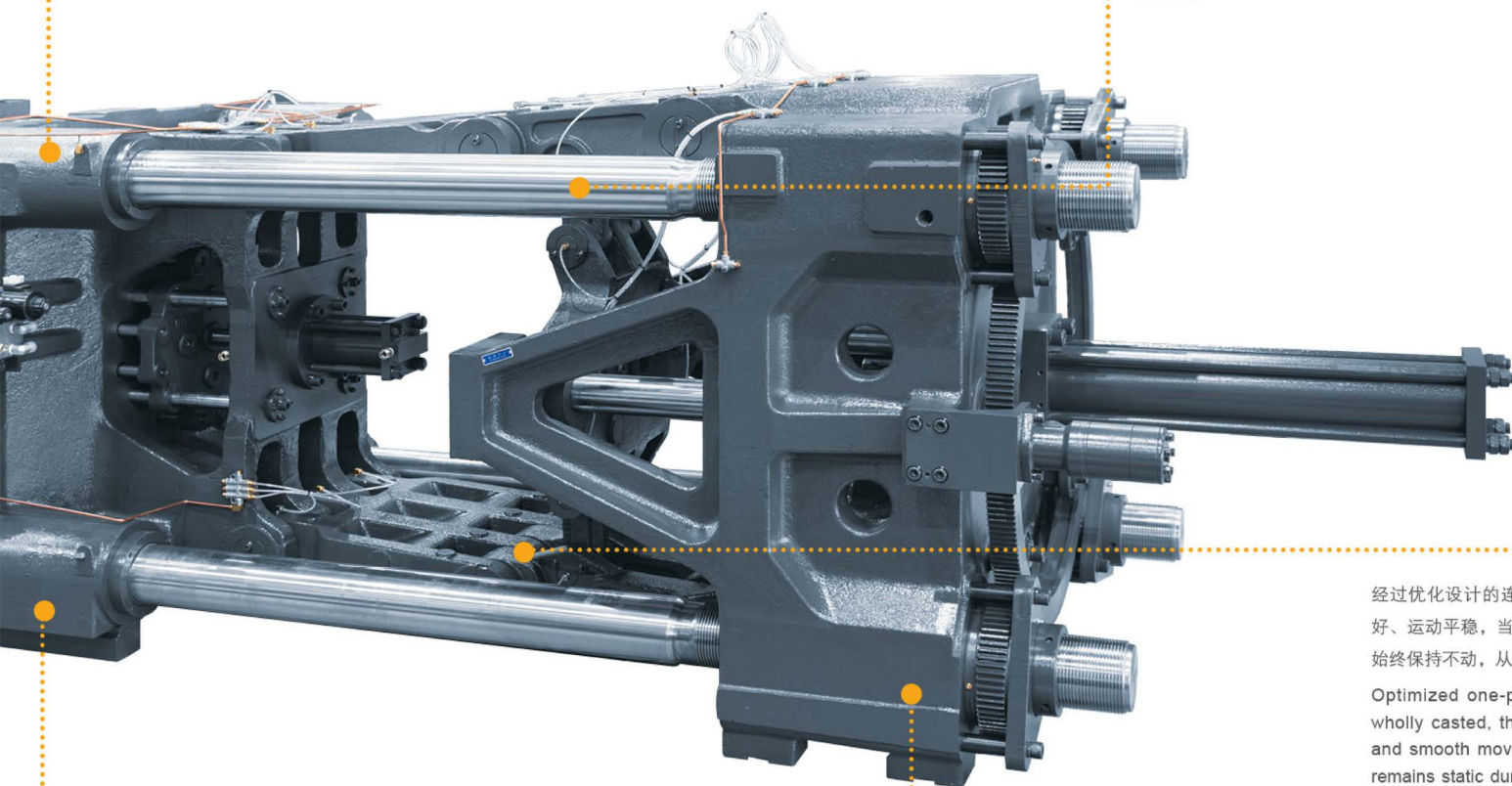
拉杆及导杆处采用含钼铜套或自润滑导向套，利用其特有的耐磨性和摩擦系数低，大大增加了拉杆的寿命。

Special graphite-insert design of the copper bushing well combine with the tie bar, with self-lubricating function to lower the friction to extend the life time of the tie bar.



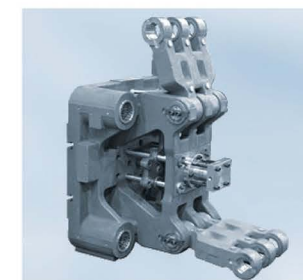
拉杆采用有限元分析，经过专业热处理和CNC加工中心的集中化处理，更能有效控制拉杆的精度和品质，提高拉杆的使用寿命。

The tie bar is analyzed by CAE, After professional heat treatment and centralized treatment by CNC machining, It can effectively control the precision and quality of the tie bar and improve the service life of it.



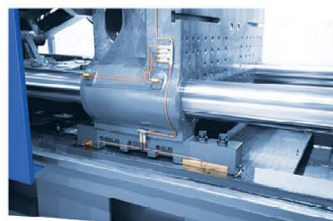
经过优化设计的连体前连杆,采用整体铸造,刚性好、运动平稳,当进行合模和开模动作时,大锁轴始终保持不动,从而更好的保护了模板的磨损。

Optimized one-piece front connecting rod is wholly casted, thus to guarantee a fine rigidity and smooth movement. The main locking shaft remains static during opening and closing action, thus to reduce wearing of the die.



动模板采用加长防倾滑设计,调节方便,使机器运行更加平稳,并保护模具。

The moving template adopts an extended anti-skid design, which makes the machine run more smoothly and protects the mold.



NPC730以下产品尾板下加装耐磨垫,降低调模时模板的摩擦系数,调模更方便。

The rear platen (under NPC730) well installed with an anti-wear pads to lower the frictions during the mold adjustment process, this design to achieve a faster and easier adjustment.



HYDRAULIC UNIT

液压单元

快速响应、稳定输出

Fast response

and stable output



液压系统全部采用进口名牌液压元件，采用插装和滑阀相结合的油路，有效提升系统响应速度。

World-famous brand of hydraulic components applied on the complete hydraulic system, adopted with cartridge valve combined with hydraulic sliding valve, effectively improve the response speed of the complete system.

精密稳定的液压动力装置；

灵敏稳定的液压控制元件；

合理优化的插装与滑阀相结合的油路控制系统，不仅提高了系统的响应速度，同时也方便维护；

优化配比的多泵控制系统；

高效节能的伺服控制系统；

全系列采用扩口式无缝钢管，解决了管路的漏油问题。

Precise and stable hydraulic power device;

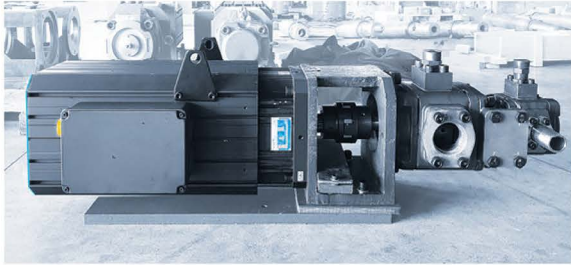
Sensitive and stable hydraulic control elements;

Oil circuit control system combining reasonably optimized inserts and slide valves, which improves the response speed of the system, and makes it convenient for maintenance;

Proportionally optimized multi-pump control system;

High-efficient and energy-saving servo control system;

The whole series adopts flaring type seamless steel pipe to solve the problem of oil leakage.

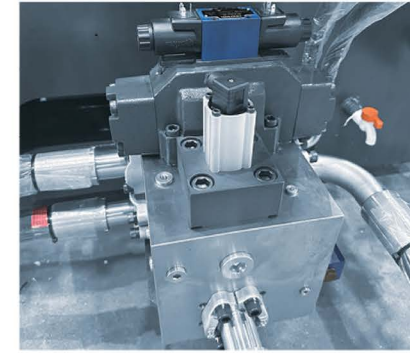


超高响应及节能的伺服动力系统

Ultra-high response and energy-saving servo power system

全系列采用低噪音高压高速泵，系统压力为17.5Mpa。

The entire series uses low-noise, high-pressure and high-speed pumps and the system pressure can reach 17.5 Mpa.

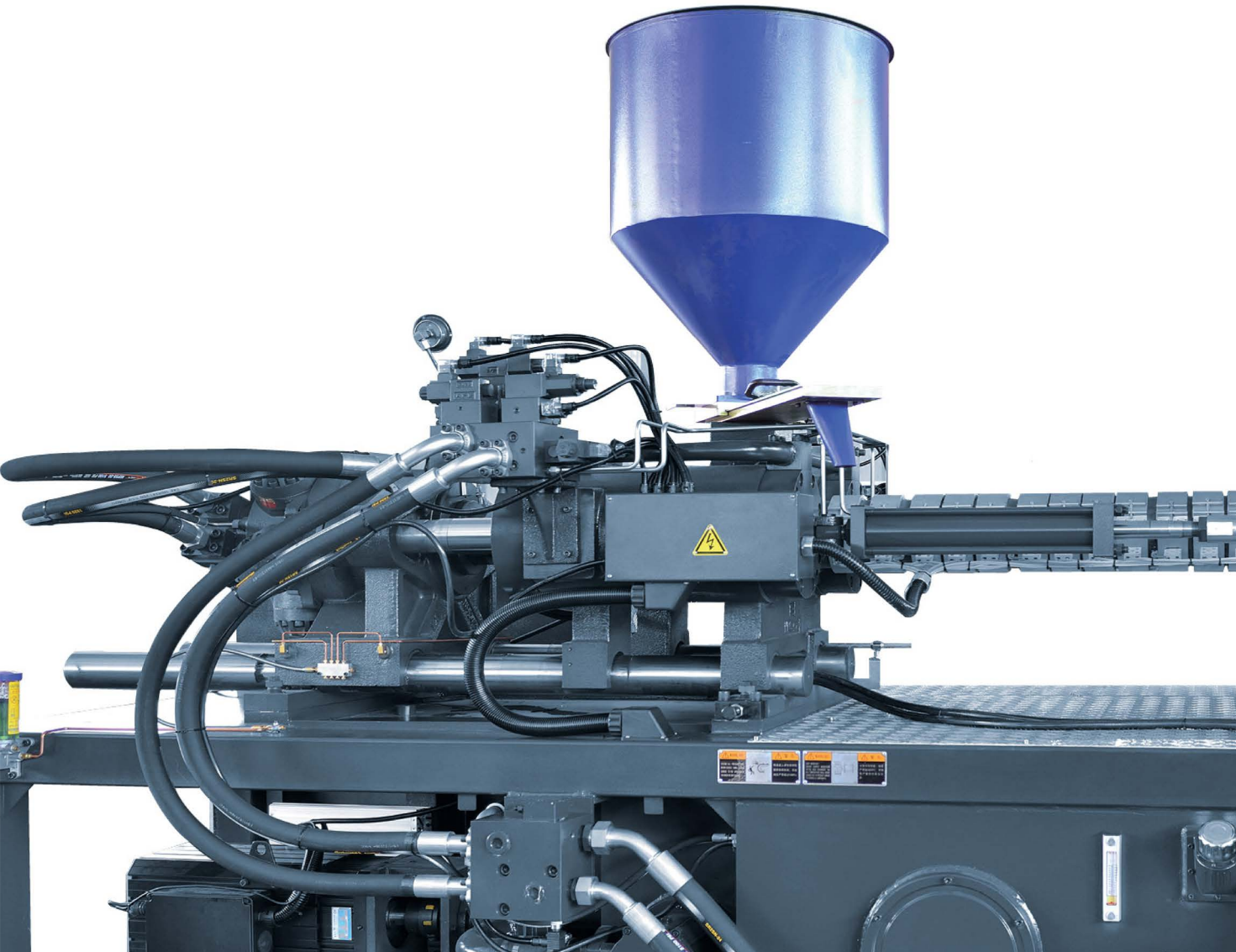


采用安全阀控制

Safety valve control

全系列采用安全阀控制，在确保设备安全操作的前提下，简化的油路。

The entire series uses safety valve control, simplifying the hydraulic system while ensuring safe operation of the equipment



合模采用伺服比例阀控制（NPC500（含）以下选配）

The mold clamping is controlled by servo proportional valve (optional for NPC500 or below)

开合模启动响应速度快，刹车更精准，开模重复位置精确到0.1MM，在开合模过程中进行抽芯动作，响应更快，动作更平稳精准。

The response speed of the mold opening and closing is fast, the braking is more precise, the repeated position of the mold opening is accurate to 0.1MM, and the core pulling action is synchronized during the mold opening and closing process, resulting in faster response, more stable and precise action.

HIGH-END CONTROLLER

高端控制器

智能开模，一键设置。

One-key setting of mold opening and closing



专用电脑控制器 Control unit

配置先进的注塑机专用电脑控制器，宽大的显示屏，超速响应速度。
advanced dedicated computer controllers with widescreen and fast response speed

More efficient And More Economical

更高效、更精确

NPC伺服驱动节能型精密注塑机采用卓越系统，很好的解决了开锁模具震动大，运行不顺畅，从而影响机器寿命，并且导致良品率低的问题。（选配装置）

NPC servo drive energy-saving precision injection molding machine adopts excellent system, which can solve the problem of large vibration of unlocking mold and unsmooth operation, thus affecting machine life and leading to low yield. (optional devices)

本系统再配合开合模用比例方向阀，能提高开模、注射、储料等位置的重复偏差精度。（选配装置）

The system is combined with the proportional directional valve, which can improve the position repeatability of mold opening, injection, material storage and others. (optional devices)

开模位置重复偏差 $<0.5\text{mm}$

注射位置重复偏差 $<0.2\text{mm}$

储料射退终点误差 $<0.1\text{mm}$

Open position repeat deviation $<\pm 0.5\text{mm}$

Injection position repeat deviation $<0.2\text{mm}$

Charging and suck back end deviation $<0.1\text{mm}$



更多个性化配置 More Personalization

预留顶退保护信号
Reserve ejector back protection signal
预留射胶信号
Reserved Injection signal
机械手接口（国内标准）
Robot interface (domestic standard)



纳米加热圈（选配）
Infrared nano heater (optional)



Electrical charging control system

电熔胶控制系统

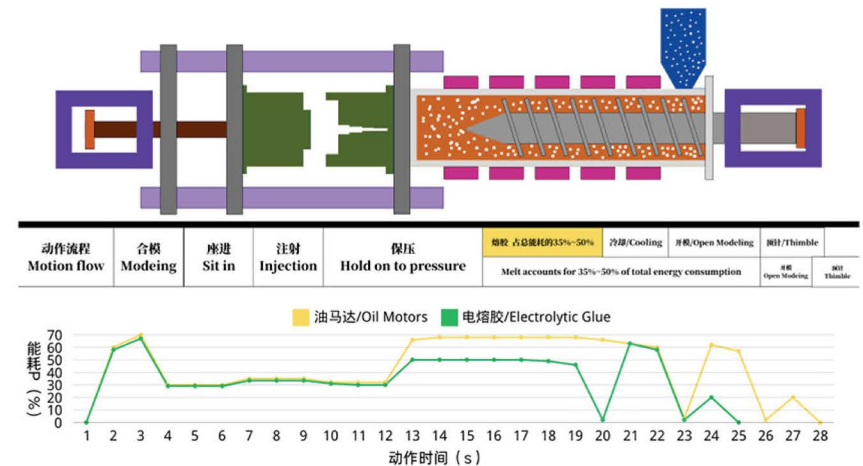
注塑机在整个生产周期中，熔胶动作占据较长的时间，为了节能增效，NPC推出电熔胶系列注塑机，用伺服电机代替传统的液压马达，大大的降低了能耗，提高了效率，经过数据测试，采用电熔胶控制系统比传统液压马达总效率至少可提升20%—40%。并且在实现节能增效的同时，也可实现同步熔胶的功能，真正做到降本、提效、降本。

Throughout the complete production of the injection molding machine, the plastic charging process occupy the longest time, to achieve the purpose of energy saving and improve the production efficiency, NPC launched the electrical charging options, adopted servo motors replace of traditional hydraulic motors, with the advantages:

Energy saving: It proved that at least 20%-40% energy saving compare to traditional hydraulic motor according to the data testing.

Efficiency improved: Work with servo motor, the charging speed is stable and an independent charging motor to control the product to achieve a shorter cooling time, which to realized the function of synchronous material charging and mold opening(charging on the fly function).

High precision and less noise: Servo motor speed controlled by close loop and low speed fluctuation, and higher material storage accuracy. New optimized design perfectly lower the noise of the complete production cycle.



NPC SERVO Technical Parameter

NPC伺服驱动节能型精密注塑机技术参数

项目 Item	规格 Specification	NPC110				NPC140			NPC160			NPC200		
		A	B	C	D	A	B	C	A	B	C	A	B	C

注射装置 Injection Unit

螺杆直径 Screw diameter	mm	32	35	38	42	38	42	45	42	45	50	45	50	55
螺杆长径比 Screw L/D ratio	L/D	24.1	22	20.2	18.4	23.8	21.4	19.9	23.6	22	19.8	23.3	21	19.1
理论注射容量 Shot volume(theoretical)(ps)	cm ³	137	163	192	235	193	235	270	305	350	432	397	490	593
注射重量 Injection weight(ps)	g	125	148	175	213	176	213	246	277	319	393	361	446	540
注射速率 Injection rate	g/s	81	97	115	140	102	124	143	173	198	245	146	180	218
注射压力 Injection pressure	MPa	249	208	176	144	218	179	156	213	185	150	239	194	160
螺杆转速 Screw speed	rpm	265				227			250			208		

锁模装置 Clamping Unit

锁模力 Clamping force	Kn	1100				1400			1600			2000		
移模行程 Open stroke	mm	350				380			435			500		
拉杆间距(宽x高)Space between tie bars(WxH)	mm	360 × 360				410 × 410			470 × 470			525 × 525		
最大模厚 Max.Mould height	mm	380				450			520			530		
最小模厚 Min.Mould height	mm	150				160			180			200		
顶出行程 Ejector stroke	mm	100				120			135			150		
顶出力 Ejector force	Kn	38				50			50			70		

其他 General

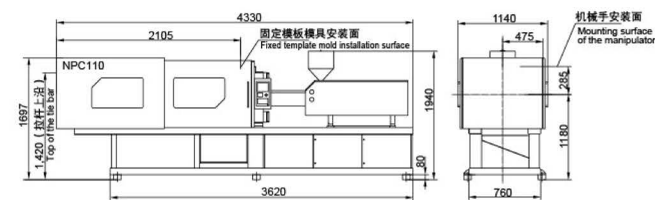
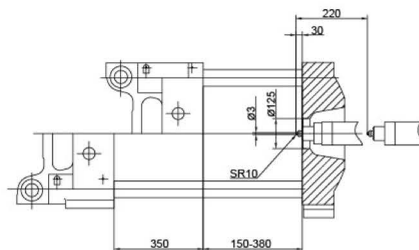
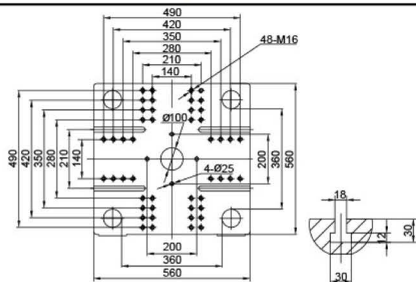
最大油泵压力 Max.Pump pressure	MPa	16				17.5			17.5			17.5		
伺服功率 servo power	kw	15.7				15.7			24.1			24.1		
电热功率 Heating power	Kw	9.6				11.8			12.5			14.9		
外形尺寸(长x宽x高)Machine dimension(LxWxH)	m	4.32 × 1.1 × 1.94				4.75 × 1.19 × 1.98			5.28 × 1.34 × 2.06			5.73 × 1.44 × 2.21		
油箱容积 Tank volume	L	155				155			205			205		
机器重量 Machine weight	t	3.1				3.6			5.0			6.8		

注：1. 机器高度含垫脚高度！Machine height includes the height of the base!

2. 本公司将保留配置更改权，上述配置如有变动，恕不另行通知！Our company reserves the right to make configuration changes, and any changes to the above configuration will not be notified separately!

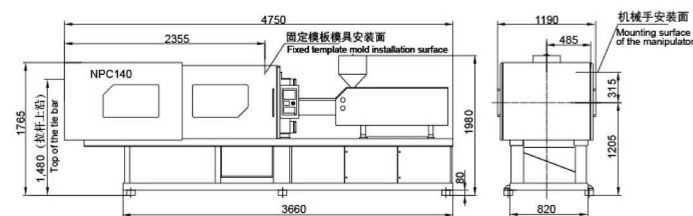
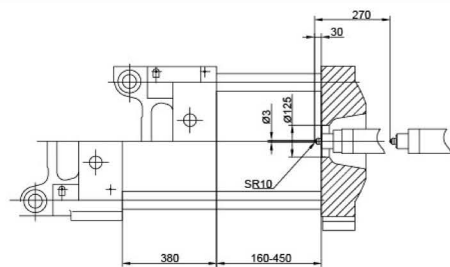
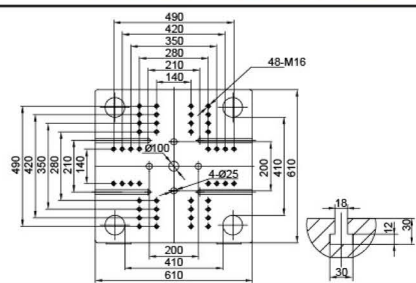
NPC110模板图, 机器外形图

Platen Figure Machine Exterior Figure



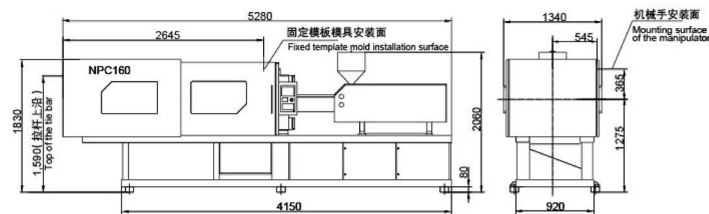
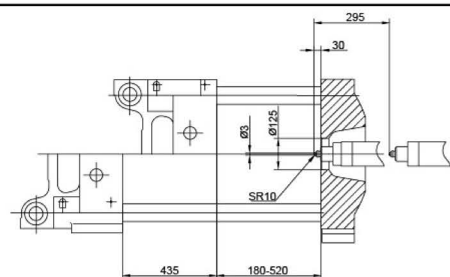
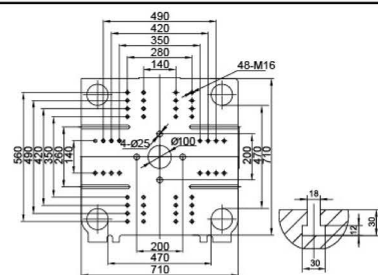
NPC140模板图, 机器外形图

Platen Figure Machine Exterior Figure



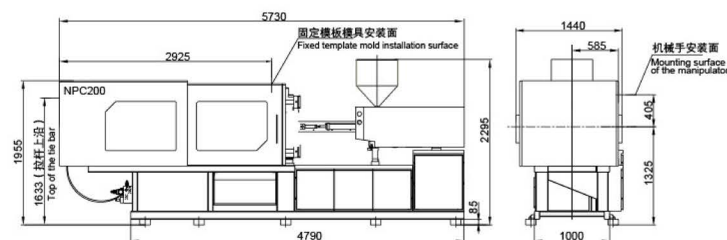
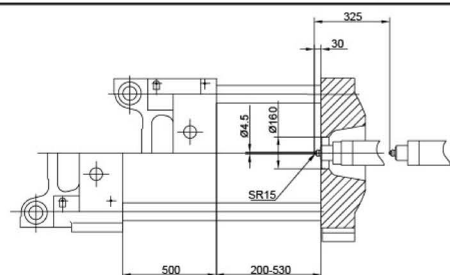
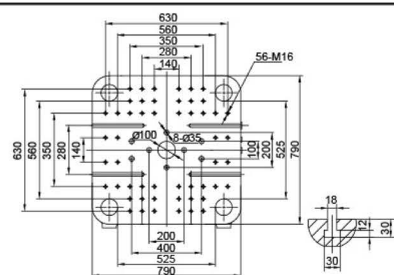
NPC160模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC200模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC SERVO Technical Parameter

NPC伺服驱动节能型精密注塑机技术参数

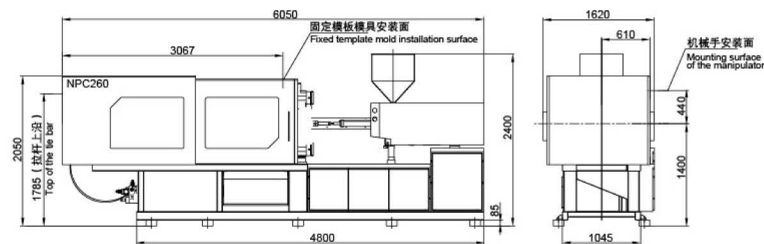
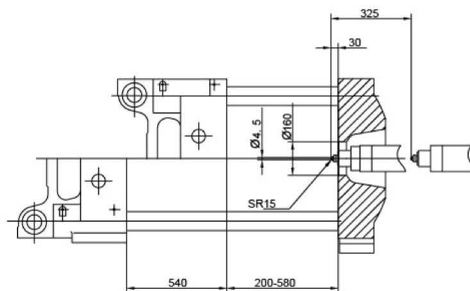
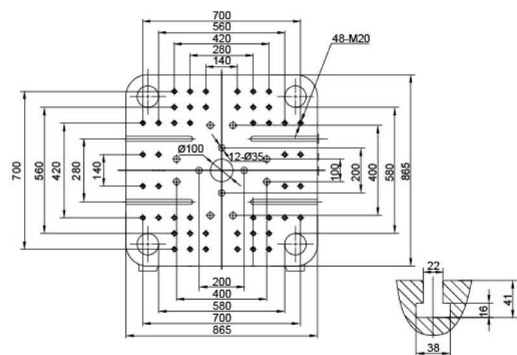
规格 Specification 项目 Item		NPC260			NPC280			NPC320		
		A	B	C	A	B	C	A	B	C
注射装置 Injection Unit										
螺杆直径 Screw diameter	mm	50	55	60	55	60	65	65	70	75
螺杆长径比 Screw L/D ratio	L/D	23	21	19.2	22.9	21	19.4	22.5	21.5	20
理论注射容量 Shot volume(theoretical)(ps)	cm³	510	617	735	676	805	945	1111	1289	1480
注射重量 Injection weight(ps)	g	464	561	669	616	733	860	1013	1175	1349
注射速率 Injection rate	g/s	216	262	311	202	241	282	322	373	429
注射压力 Injection pressure	MPa	224	185	155	240	201	171	215	186	162
螺杆转速 Screw speed	rpm	217			217			226		
锁模装置 Clamping Unit										
锁模力 Clamping force	Kn	2600			2800			3200		
移模行程 Open stroke	mm	540			590			660		
拉杆间距(宽x高)Space between tie bars(WxH)	mm	580 × 580			610 × 610			670 × 670		
最大模厚 Max.Mould height	mm	580			630			720		
最小模厚 Min.Mould height	mm	200			200			250		
顶出行程 Ejector stroke	mm	150			150			180		
顶出力 Ejector force	Kn	70			70			70		
其他 General										
最大油泵压力 Max.Pump pressure	MPa	17.5			17.5			17.5		
伺服功率 servo power	kw	31.1			31.1			48.2		
电热功率 Heating power	Kw	18.1			21.2			31.4		
外形尺寸(长x宽x高)Machine dimension(LxWxH)	m	6.05 × 1.54 × 2.4			6.17 × 1.62 × 2.43			7.12 × 1.88 × 2.53		
油箱容积 Tank volume	L	275			300			635		
机器重量 Machine weight	t	7.8			8.4			12.5		

注：1.机器高度含垫脚高度！Machine height includes the height of the base!

2.本公司将保留配置更改权，上述配置如有变动，恕不另行通知！Our company reserves the right to make configuration changes, and any changes to the above configuration will not be notified separately!

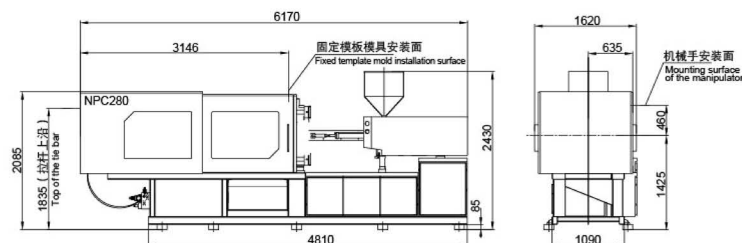
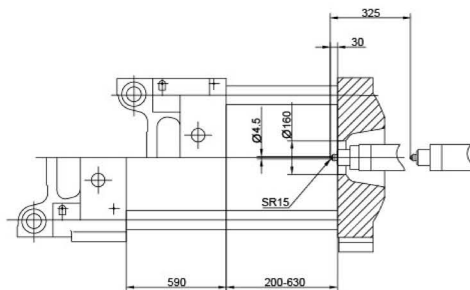
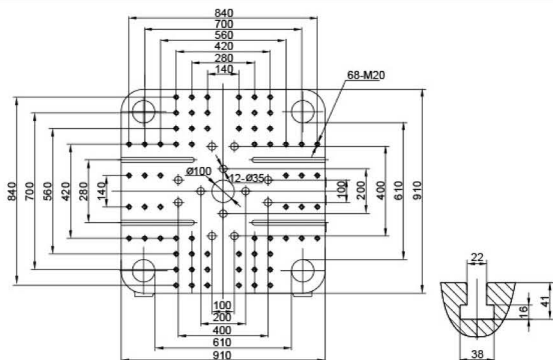
NPC260模板图, 机器外形图

Platen Figure Machine Exterior Figure



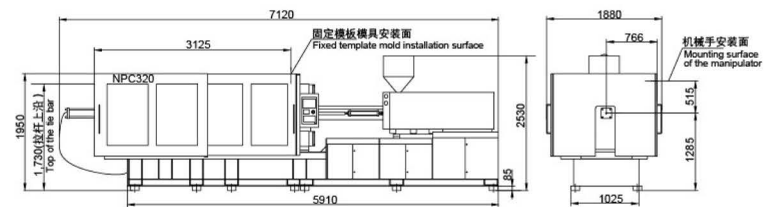
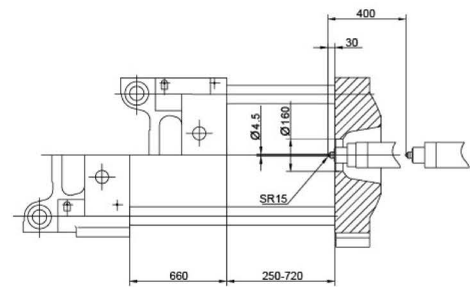
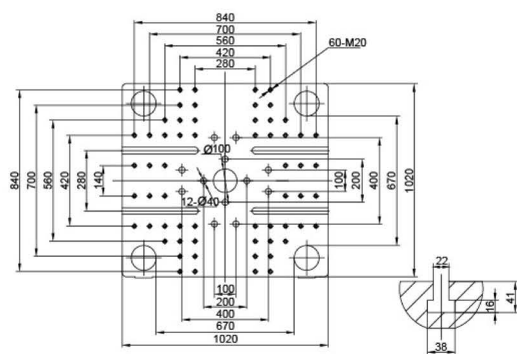
NPC280模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC320模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC SERVO Technical Parameter

NPC伺服驱动节能型精密注塑机技术参数

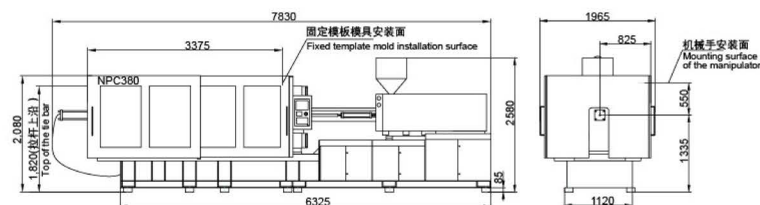
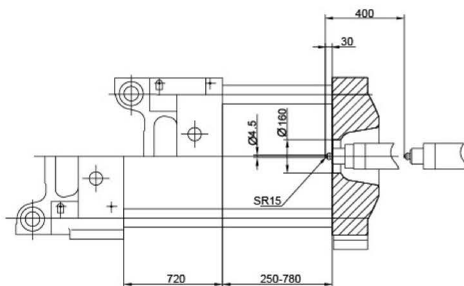
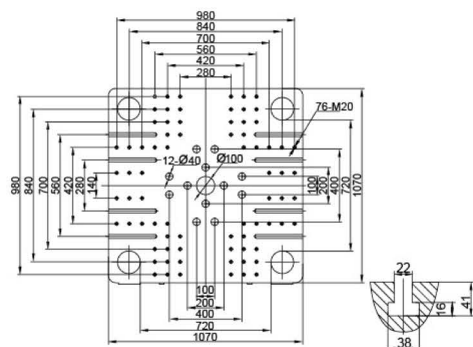
规格 Specification 项目 Item		NPC380			NPC450			NPC480			
		A	B	C	A	B	C	A	B	C	D
注射装置 Injection Unit											
螺杆直径 Screw diameter	mm	70	75	80	70	75	80	75	80	85	90
螺杆长径比 Screw L/D ratio	L/D	23.6	22	20.6	23.6	22	20.6	22.7	21	20	18.9
理论注射容量 Shot volume(theoretical)(ps)	cm³	1500	1723	1960	1500	1723	1960	1948	2216	2485	2785
注射重量 Injection weight(ps)	g	1365	1567	1784	1365	1567	1784	1747	2016	2257	2538
注射速率 Injection rate	g/s	336	386	439	336	386	439	396	451	509	571
注射压力 Injection pressure	MPa	206	180	158	206	180	158	224	197	174	156
螺杆转速 Screw speed	rpm	155			155			155			
锁模装置 Clamping Unit											
锁模力 Clamping force	Kn	3800			4500			4800			
移模行程 Open stroke	mm	720			770			820			
拉杆间距(宽x高)Space between tie bars(WxH)	mm	720 × 720			770 × 770			820 × 770			
最大模厚 Max.Mould height	mm	780			780			820			
最小模厚 Min.Mould height	mm	250			250			300			
顶出行程 Ejector stroke	mm	180			200			200			
顶出力 Ejector force	Kn	110			110			110			
其他 General											
最大油泵压力 Max.Pump pressure	MPa	17.5			17.5			17.5			
伺服功率 servo power	kw	48.2			48.2			59.7			
电热功率 Heating power	Kw	35			35			40.7			
外形尺寸(长x宽x高)Machine dimension(LxWxH)	m	7.83 × 1.97 × 2.58			8.08 × 2.0 × 2.62			8.30 × 2.07 × 2.67			
油箱容积 Tank volume	L	745			815			865			
机器重量 Machine weight	t	14.0			16.3			17.3			

注：1.机器高度含垫脚高度！Machine height includes the height of the base!

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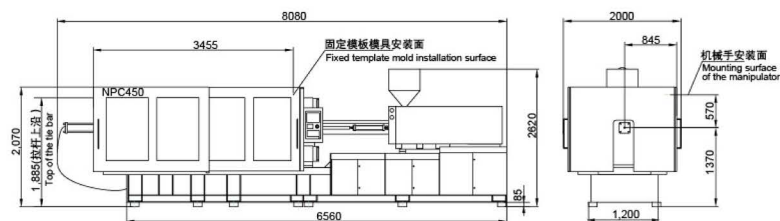
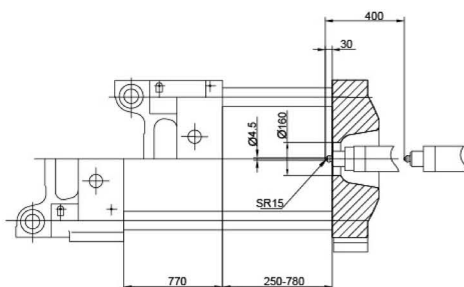
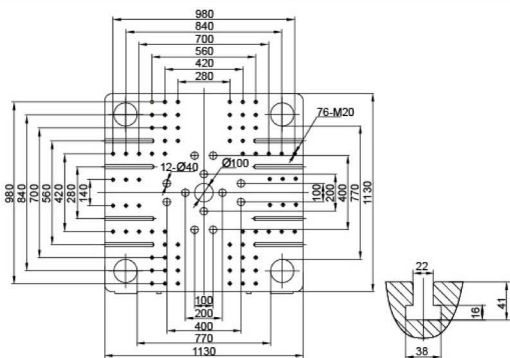
NPC380模板图, 机器外形图

Platen Figure Machine Exterior Figure



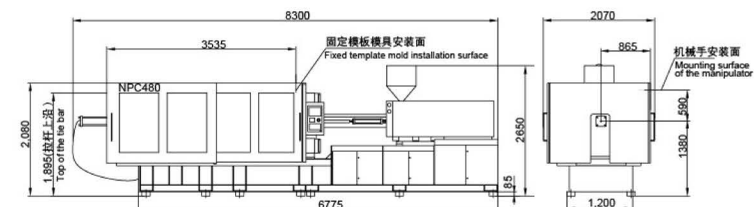
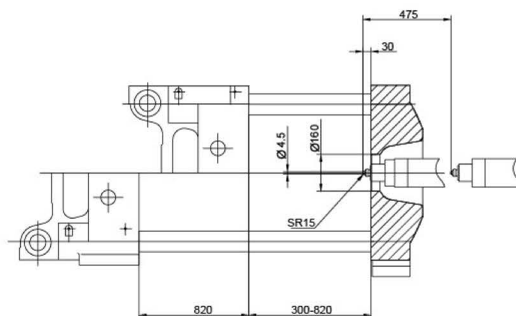
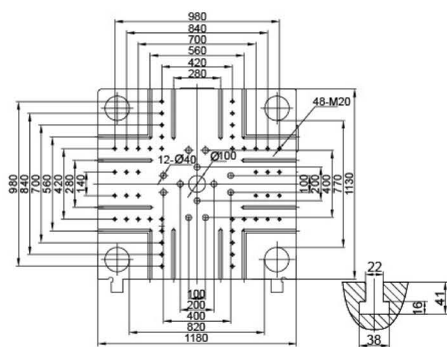
NPC450模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC480模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC SERVO Technical Parameter

NPC伺服驱动节能型精密注塑机技术参数

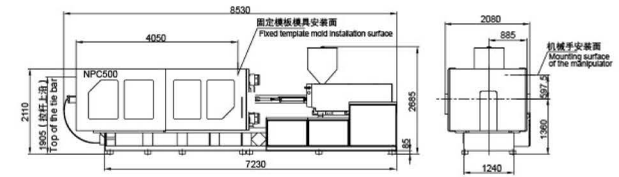
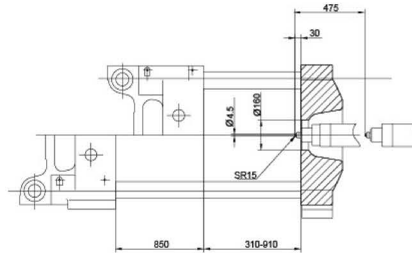
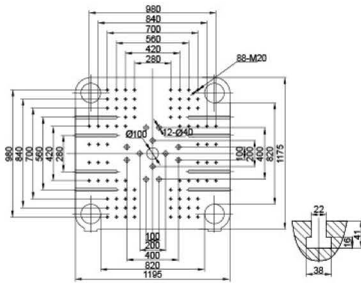
规格 Specification 项目 Item		NPC500				NPC600				NPC730			
		A	B	C	D	A	B	C	D	A	B	C	D
注射装置 Injection Unit													
螺杆直径 Screw diameter	mm	75	80	85	90	90	95	100	105	90	95	105	110
螺杆长径比 Screw L/D ratio	L/D	22.7	21	20	18.9	23.1	21.9	20.7	19.7	22.3	21.1	19	19
理论注射容量 Shot volume(theoretical)(ps)	cm³	1948	2216	2485	2785	2544	2835	3140	3461	2926	3260	3983	4371
注射重量 Injection weight(ps)	g	1747	2016	2257	2538	2315	2580	2858	3152	2663	2967	3625	3977
注射速率 Injection rate	g/s	396	451	509	571	622	694	768	847	601	670	819	898
注射压力 Injection pressure	MPa	224	197	174	156	185	166	150	136	206	185	151	138
螺杆转速 Screw speed	rpm	159				158				141			
锁模装置 Clamping Unit													
锁模力 Clamping force	Kn	5000				6000				7300			
移模行程 Open stroke	mm	850				910				970			
拉杆间距(宽x高)Space between tie bars(WxH)	mm	820 × 820				870 × 870				970 × 970			
最大模厚 Max.Mould height	mm	910				900				960			
最小模厚 Min.Mould height	mm	330				350				400			
顶出行程 Ejector stroke	mm	240				250				280			
顶出力 Ejector force	Kn	150				150				210			
其他 General													
最大油泵压力 Max.Pump pressure	MPa	17.5				17.5				17.5			
伺服功率 servo power	kw	59.7				59.7+24.1				59.7+24.1			
电热功率 Heating power	Kw	40.7				55.55				61.1			
外形尺寸(长x宽x高)Machine dimension(LxWxH)	m	8.53 × 2.08 × 2.7				9.8 × 2.14 × 2.71				11.2 × 2.35 × 2.90			
油箱容积 Tank volume	L	890				990				1180			
机器重量 Machine weight	t	20.0				26.3				32.6			

注：1.机器高度含垫脚高度！Machine height includes the height of the base!

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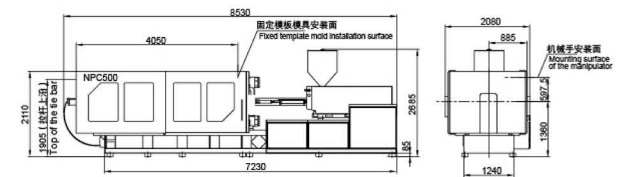
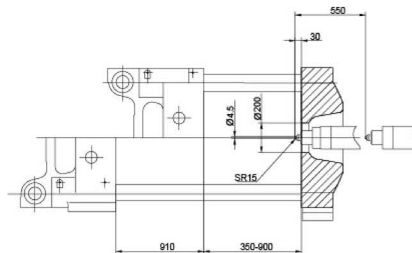
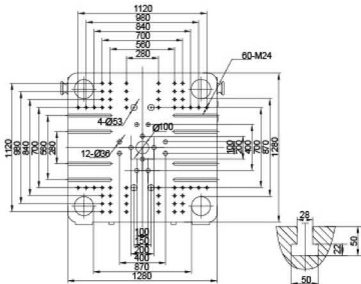
NPC500模板图, 机器外形图

Platen Figure Machine Exterior Figure



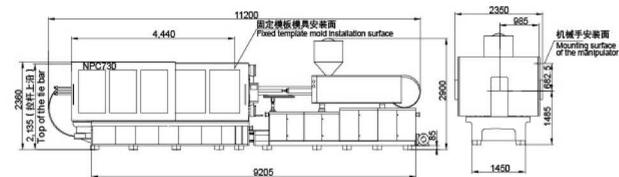
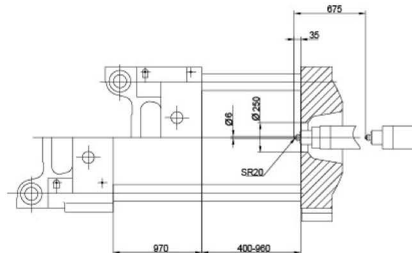
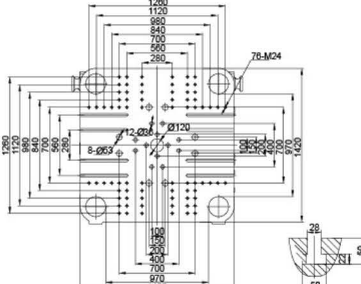
NPC600模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC730模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC SERVO Technical Parameter

NPC伺服驱动节能型精密注塑机技术参数

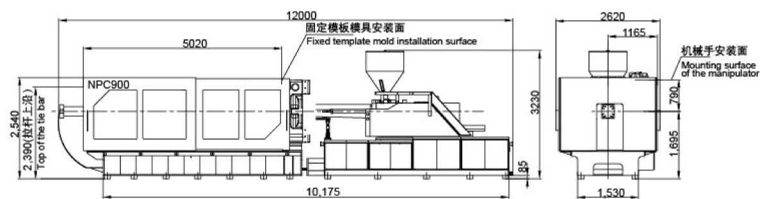
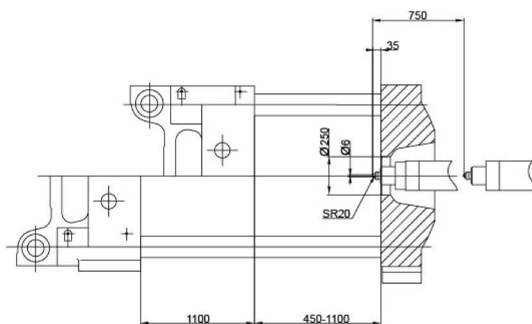
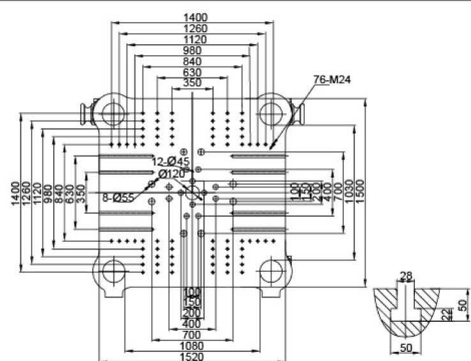
规格 Specification 项目 Item		NPC900				NPC1000				NPC1200			
		A	B	C	D	A	B	C	D	A	B	C	D
注射装置 Injection Unit													
螺杆直径 Screw diameter	mm	90	100	110	120	100	110	120	130	100	110	120	130
螺杆长径比 Screw L/D ratio	L/D	24.2	22	20	18.3	24.2	22	20.2	18.6	24.2	22	20.2	18.6
理论注射容量 Shot volume(theoretical)(ps)	cm³	3181	3927	4752	5655	4320	5227	6220	7299	4320	5227	6220	7299
注射重量 Injection weight(ps)	g	2894	3573	4324	5146	3930	4757	5660	6643	3930	4757	5660	6643
注射速率 Injection rate	g/s	665	820	993	1181	770	932	1109	1302	770	932	1109	1302
注射压力 Injection pressure	MPa	237	192	159	133	230	190	160	136	230	190	160	136
螺杆转速 Screw speed	rpm	132				120				120			
锁模装置 Clamping Unit													
锁模力 Clamping force	Kn	9000				10000				12000			
移模行程 Open stroke	mm	1100				1210				1310			
拉杆间距(宽x高)Space between tie bars(WxH)	mm	1080 × 1030				1160 × 1160				1250 × 1250			
最大模厚 Max.Mould height	mm	1100				1160				1250			
最小模厚 Min.Mould height	mm	480				500				550			
顶出行程 Ejector stroke	mm	300				325				325			
顶出力 Ejector force	Kn	245				245				245			
其他 General													
最大油泵压力 Max.Pump pressure	MPa	17.5				17.5				17.5			
伺服功率 servo power	kw	59.7+48.2				59.7+59.7				59.7+59.7			
电热功率 Heating power	Kw	65.6				81.5				81.5			
外形尺寸(长x宽x高)Machine dimension(LxWxH)	m	12.00 × 2.62 × 3.22				12.54 × 2.69 × 3.22				12.98 × 2.82 × 3.27			
油箱容积 Tank volume	L	1565				1640				1670			
机器重量 Machine weight	t	47.3				50				59.2			

注：1.机器高度含垫脚高度！Machine height includes the height of the base!

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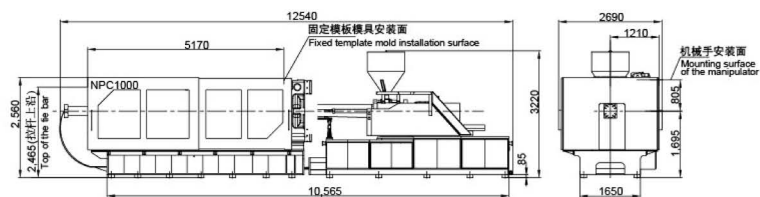
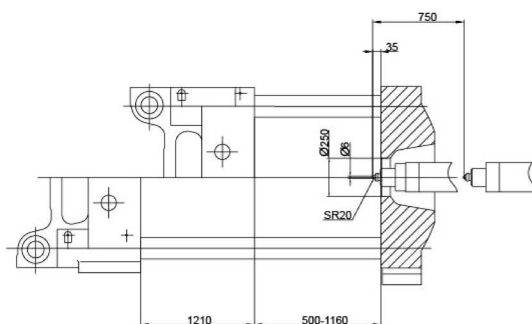
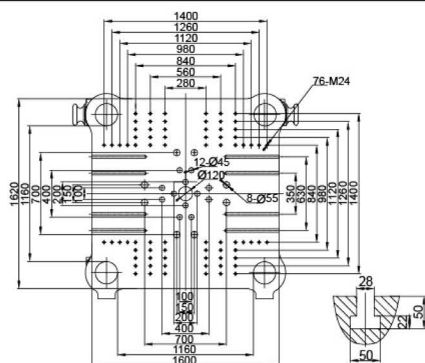
NPC900模板图, 机器外形图

Platen Figure Machine Exterior Figure



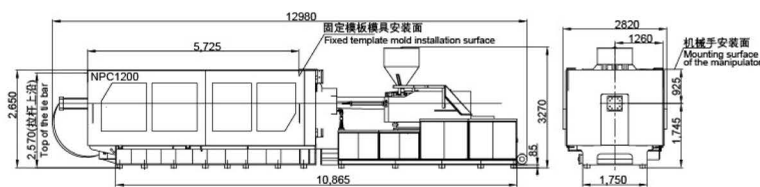
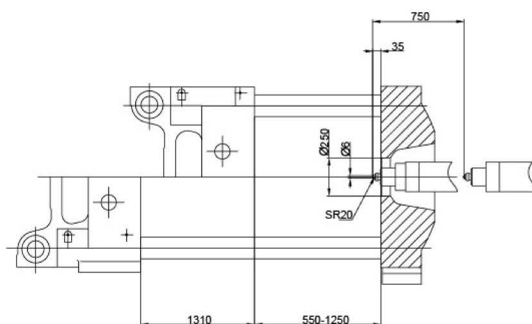
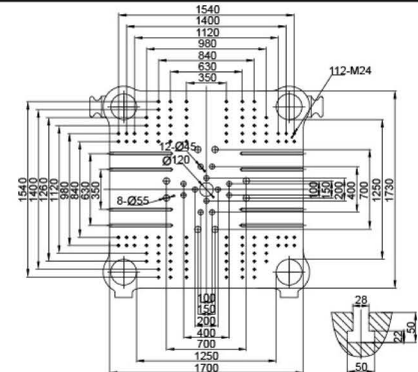
NPC1000模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC1200模板图, 机器外形图

Platen Figure Machine Exterior Figure



NPC SERVO Technical Parameter

NPC伺服驱动节能型精密注塑机技术参数

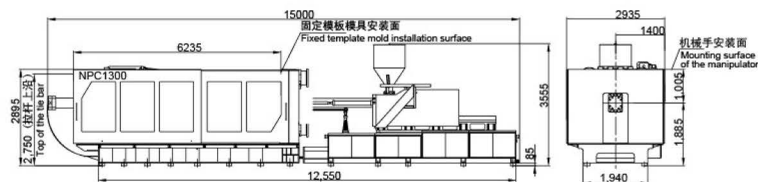
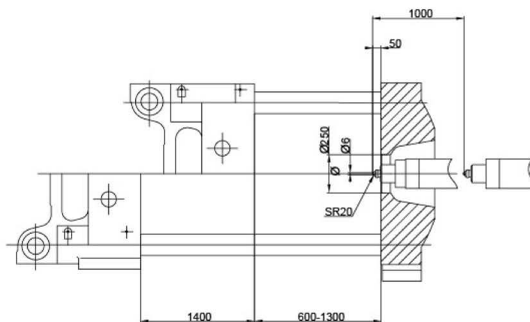
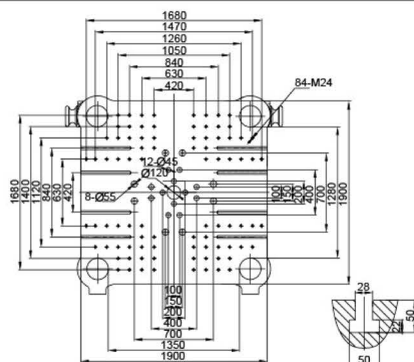
规格 Specification 项目 Item		NPC1300				NPC1600			NPC2200			
		A	B	C	D	A	B	C	A	B	C	D
注射装置 Injection Unit												
螺杆直径 Screw diameter	mm	110	120	130	140	130	140	150	140	150	160	170
螺杆长径比 Screw L/D ratio	L/D	26.2	24	22.2	20.6	24	22.3	20.8	24	22.4	21	19.8
理论注射容量 Shot volume(theoretical)(ps)	cm³	5797	6899	8096	9390	8349	9683	11115	11545	13253	15079	17023
注射重量 Injection weight(ps)	g	5275	6278	7368	8545	7598	8812	10115	10506	12060	13722	15491
注射速率 Injection rate	g/s	872	1037	1218	1412	1125	1304	1498	1434	1646	1873	2114
注射压力 Injection pressure	MPa	203	171	146	126	180	155	135	186	162	142	126
螺杆转速 Screw speed	rpm	106				109			85			
锁模装置 Clamping Unit												
锁模力 Clamping force	Kn	13000				16000			22000			
移模行程 Open stroke	mm	1400				1600			1850			
拉杆间距(宽x高)Space between tie bars(WxH)	mm	1350 × 1280				1550 × 1430			1850 × 1650			
最大模厚 Max.Mould height	mm	1300				1500			1800			
最小模厚 Min.Mould height	mm	600				700			750			
顶出行程 Ejector stroke	mm	350				400			425			
顶出力 Ejector force	Kn	270				318			450			
其他 General												
最大油泵压力 Max.Pump pressure	MPa	17.5				17.5			17.5			
伺服功率 servo power	kw	59.7+59.7				48.2+48.2+48.2			59.7+59.7+59.7			
电热功率 Heating power	Kw	85.55				95.05			133.7			
外形尺寸(长x宽x高)Machine dimension(LxWxH)	m	15.0 × 2.94 × 3.67				15.8 × 3.53 × 3.80			17.2 × 3.98 × 3.86			
油箱容积 Tank volume	L	1965				2400			2800			
机器重量 Machine weight	t	84				110			145			

注：1. 机器高度含垫脚高度！ Machine height includes the height of the base!

2. 本公司将保留配置更改权，上述配置如有变动，恕不另行通知！ Our company reserves the right to make configuration changes, and any changes to the above configuration will not be notified separately!

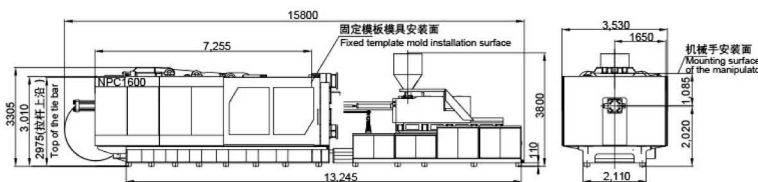
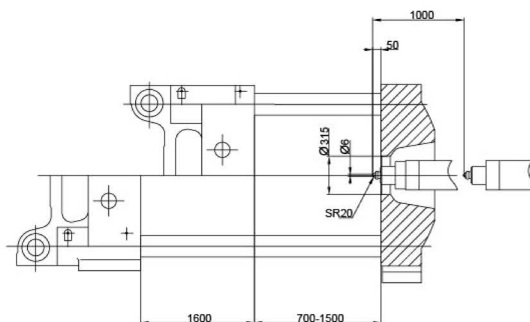
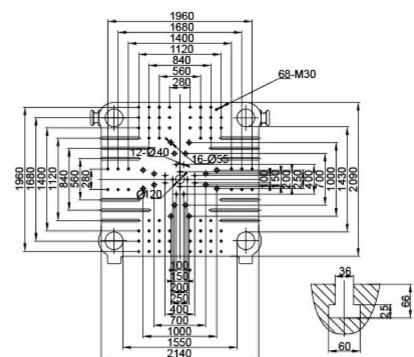
NPC1300模板图, 机器外形图

Platen Figure Machine Exterior Figure



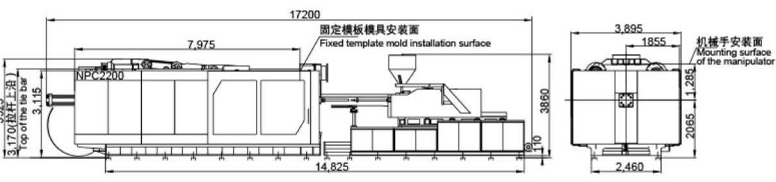
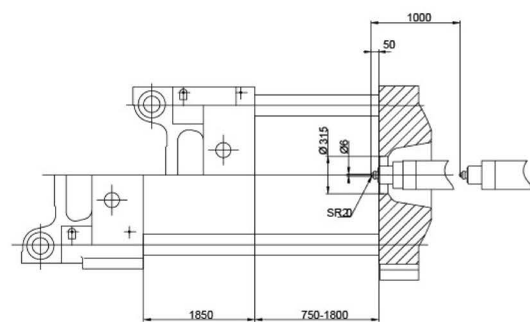
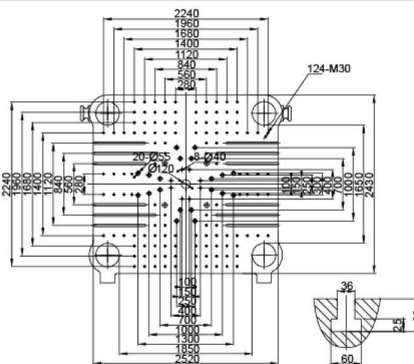
NPC1600模板图, 机器外形图

Platen Figure Machine Exterior Figure



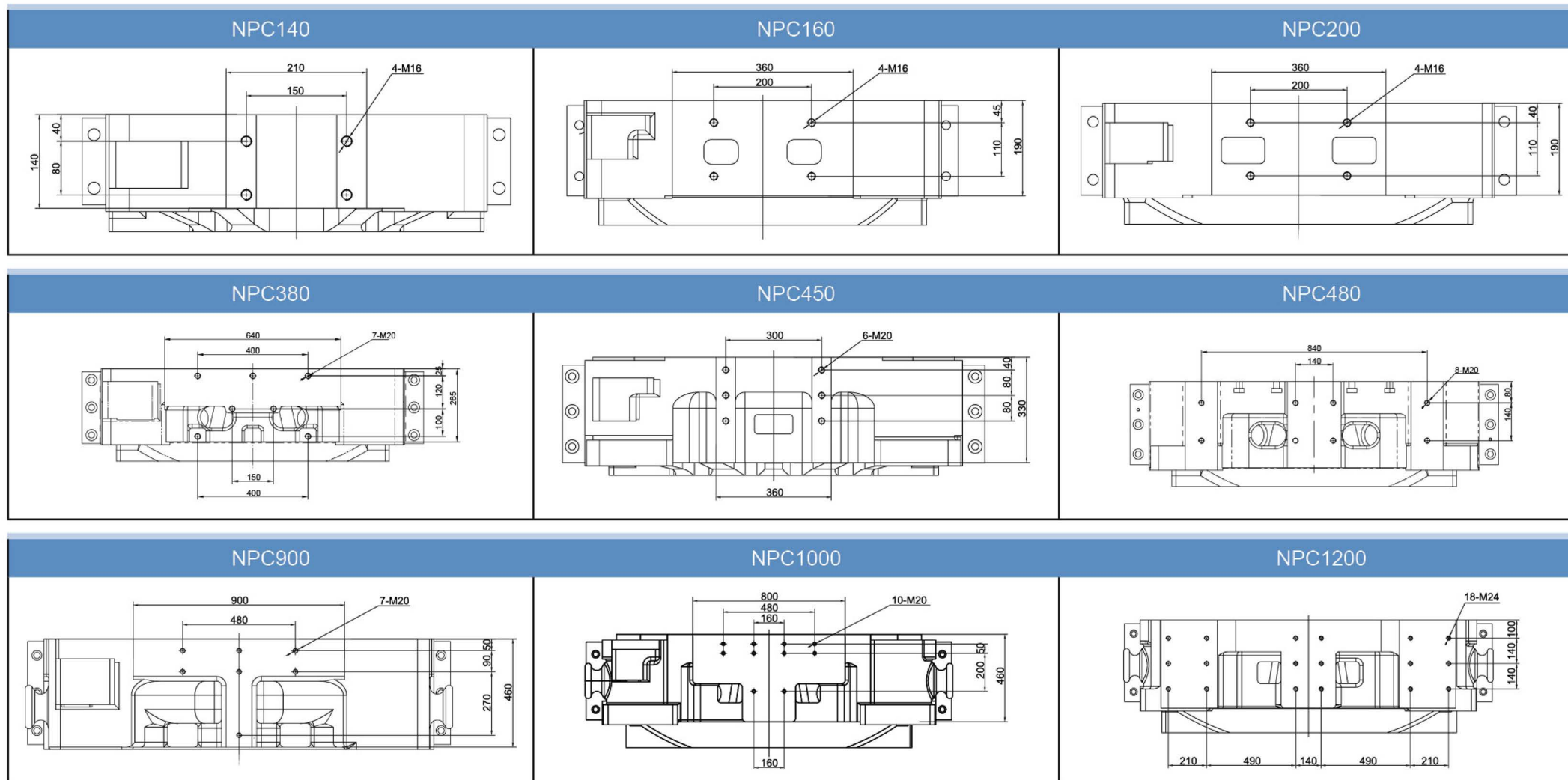
NPC2200模板图, 机器外形图

Platen Figure Machine Exterior Figure



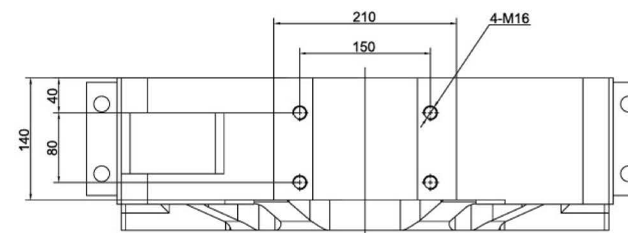
Mechanical Arm Installation Dimension Diagram

机械手安装尺寸图

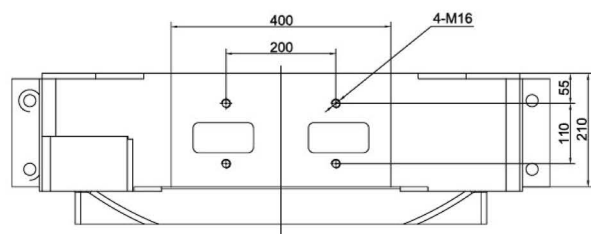




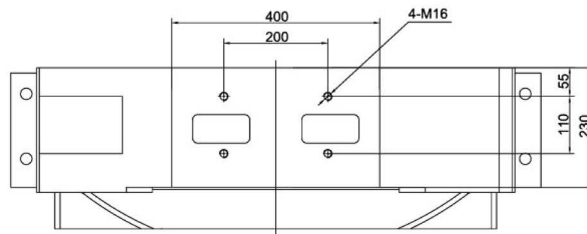
NPC110



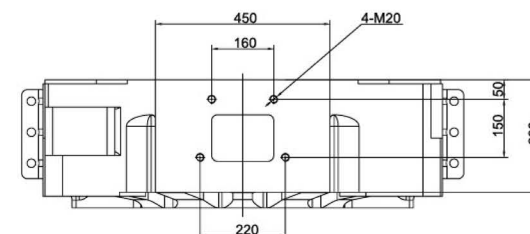
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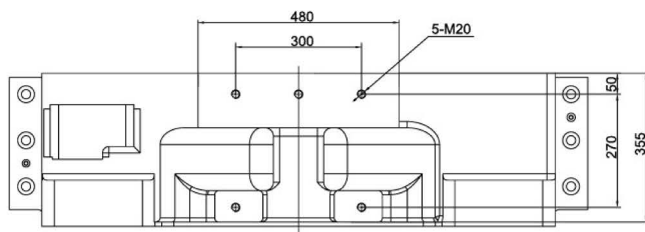
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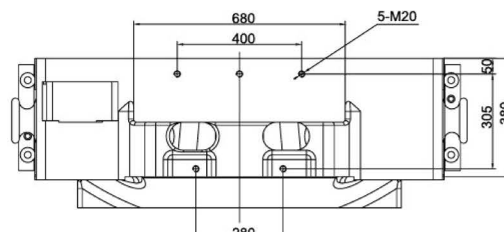
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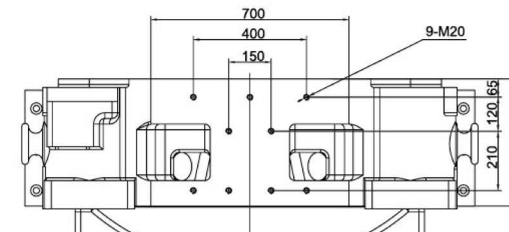
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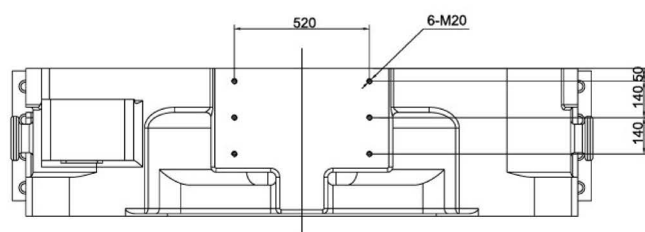
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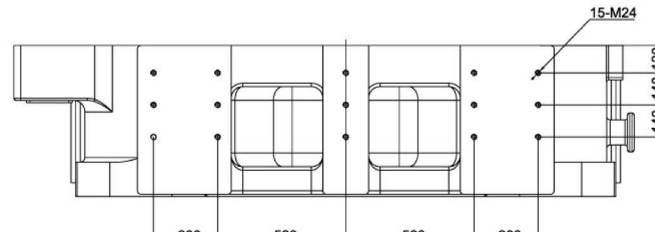
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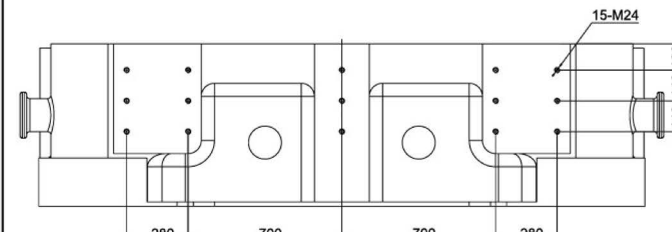
NPC1300



NPC1600



NPC2200





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