HOWFIT
豪辉科技 股票代码：870520

东莞生产基地
Dongguan Production Base

广东豪辉科技股份有限公司
HOWFIT SCIENCE AND TECHNOLOGY CO.,LTD

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惠州生产基地
Huizhou Production Base

惠州市亿顺森精密科技股份有限公司
HUIZHOU YISHUNSEN PRECISION TECHNOLOGY CO.,LTD

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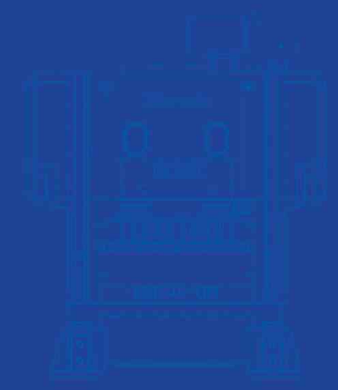
抖音

国内Web

国际Web



HOWFIT
豪辉科技

Established in 2006
Innovation Never Stops
创新从未止步

With the better and seek after the best,
the quality is social responsibility.

精益求精——品质就是社会责任

引领行业技术创新发展，全面提升核心竞争力，
占领产业技术发展的最高点。
To lead the development of technological innovation in the industry,
to enhance the overall core competitiveness, and to occupy the highest point
of technological development in the industry.

Company Mission 公司使命

品牌兴，则企业兴！
If the brand is prosperous, the enterprise is prosperous!

企业兴，则国家兴！
If the enterprise prospers, the country prospers!

品牌，让中国更受尊敬！
Brand, make China more respected!

Values 价值观

引领、创新、科技、诚信。
Leadership, innovation, technology, and integrity.

60000 M^2
惠州生产基地
Huizhou Production Base

10000 M^2
东莞生产基地
Dongguan Production Base

4 ~ 6 亿
年产能
Annual Production Capacity

18 国
出口国家
Export Countries

20 名
研发人员
R&D Staff

48 +
各项专利
Various Patents

广东豪辉科技股份有限公司成立于2006年，现有东莞生产基地及惠州生产基地，是一家集研发、生产、销售于一体的国家高新技术企业，同时被评为“高速冲床专业自主创新示范企业”，“广东省守合同重信用模范企业”，“广东省高成长企业”，"科技型中小企业”，”广东省名牌产品”，“广东省智能高速精密压力机工程技术研究中心”。

为适应未来业务发展的需要，强化公司智能制造能力，公司于2017年1月16日在北京全国中小企业股份转让系统新三板挂牌上市，股票代码:870520。豪辉科技立足长远，从技术引进、人才引入、技术消化、技术吸收到本土化创新，注重产品研发，现拥有八项发明专利、六项软件著作权、三十六项实用新型专利、五项外观专利。

公司产品广泛应用于马达定转子、精密端子、引线框、汽车零部件防爆阀、新能源电机、低空经济部件、机器人关节肘节、半导体、消费电子、网冲、家用电器、五金配件等行业。

Howfit Science and Technology Co., Ltd., established in 2006, operates production bases in Dongguan and Huizhou. As a national high-tech enterprise integrating R&D, production, and sales, the company has been recognized as a "Demonstration Enterprise for Independent Innovation in High-Speed Precision Press," a "Guangdong Model Enterprise for Contract Compliance and Creditworthiness," a "Guangdong High-Growth Enterprise," a "Science and Technology-Based SME," a "Guangdong Famous Brand Product," and hosts the "Guangdong Provincial Engineering Technology Research Center for Intelligent High-Speed Precision Press."To meet the needs of future business development and strengthen its smart manufacturing capabilities, the company was listed on the National Equities Exchange and Quotations (NEEQ) in Beijing on January 16, 2017, with stock code 870520. With a longterm vision, Howfit focuses on product development through technology introduction, talent recruitment, technology digestion, absorption, and localized innovation. The company currently holds eight invention patents, six software copyrights, thirty-six utility model patents, and five design patents.

The company's products are widely used in various industries, including motor stators and rotors, precision terminals, lead frames, automotive component explosion-proof valves, new energy motors, low-altitude economy components, robotic joint linkages, semiconductors, consumer electronics, perforated metal mesh, household appliances, and hardware accessories.

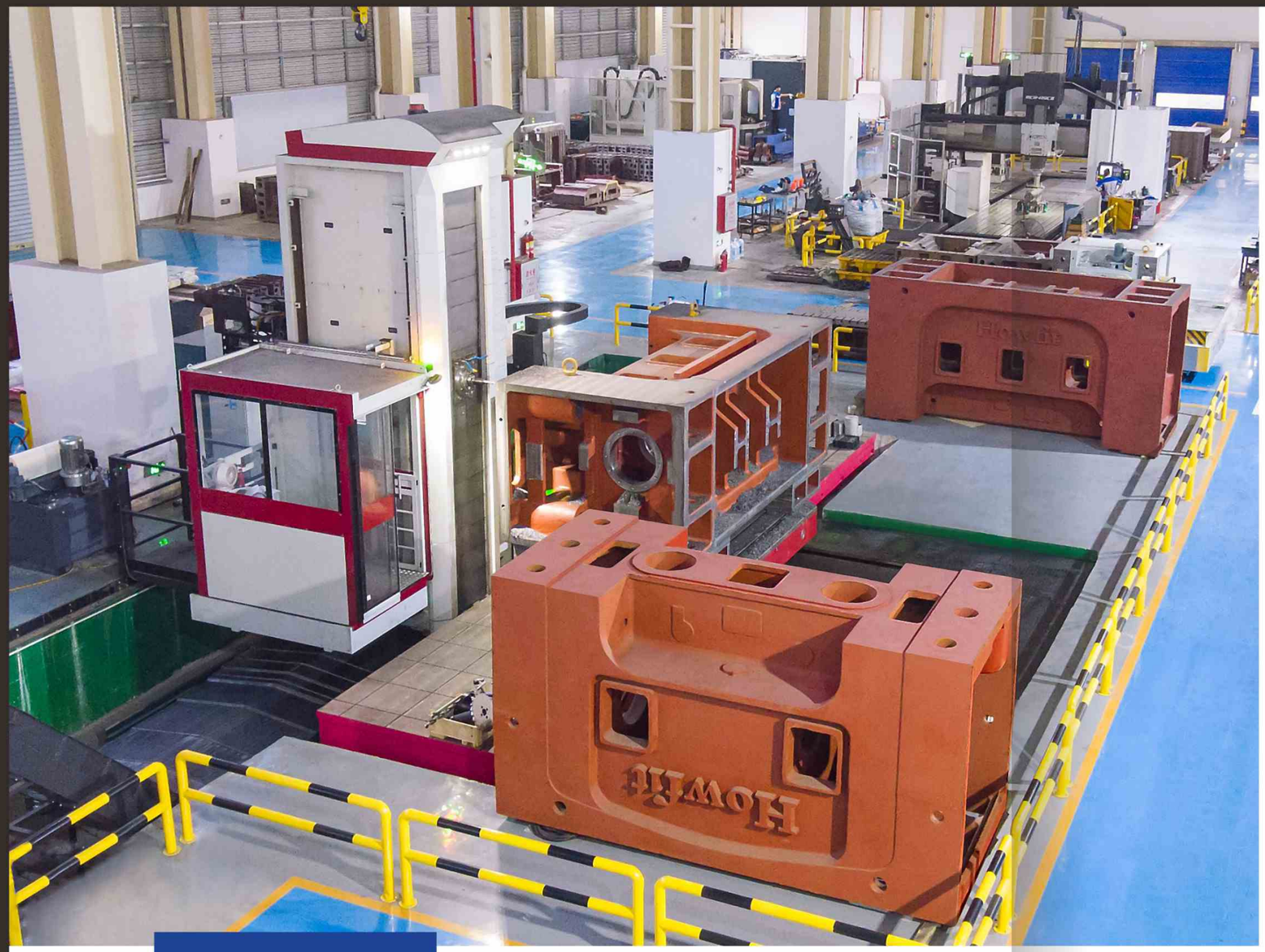
ADVANCED TECHNOLOGY CONTINUOUS CREATION
领先技术 创新不断

功以才成，业由才广。由于深谙这一道理，我们不断广纳贤才，严格录用。发展至今，公司集聚上百位中高级专业技术人才，数十位高学历管理人才，专注研发创造，不断见证行业领先、锐意进取的创新精神。同时拥有专业配送车队，物流管理中心，提供安全、快捷、准确、高效的配送和售后服务。

The success is succeeded by the talents, also the business is expanded by the talents. Because we deeply know this theory, we absorb all kinds of talents widely constantly, and use them strictly. With the developing till now, our company has gathered over 100 middle and high classes professional technology people, and several decades of high education management talents. We focus on R&D, creation, and continuously proving the creation spirit of industrial advance and sharp idea to make progress. At the same time, we have the cargo delivery management centre. So we can provide the safe, fast, correct, high efficiency delivery and after sales service.

公司生产的HC、MARX、MDH、DDH、DDL、HSF等系列高速精密自动冲床在新能源制造领域、智能设备、家用电器、五金电子等行业具有举足轻重的地位并广受好评。结合覆盖全球的完整营销网络和遍布各地的办事处，我们业绩不断攀升，无论从规模还是先进性的国内外同行中都是首屈一指。

The series of high speed press machine of HC, MARX, MDH, DDH, DDL, HSF manufactured by our company. We play an important role and receive good reputation widely in the fields new energy manufacturing, intelligence equipment, family using electrical appliance, metal and electronics etc. Depend on the global covering complete marketing internet and the offices all over the world, our business achievements are growing fast. We are in the leading place in the same industry homeland and abroad in spite of scale or advanced.



Advantage-
Precision machining
优势--精密加工

※ 捷克飞马特落地镗加工中心
Czech Fermat Horizontal Floor-type Boring & Milling Machining Center

※ 日本大隈五面体加工中心
Japan OKUMA Double-Column Machining Center (5-Face Machining)

※ 日本仓敷镗铣加工中心
Japan KURAKI Horizontal Boring & Milling Machining Center

※ 日本马扎克卧式加工中心
Japan MAZAK Horizontal Machining Center

※ 日本大隈立式加工中心
Japan OKUMA Vertical Machining Center

※ 日本泷泽数控车床
Japan TAKIZAWA CNC Lathe

※ 日本大隈卧式加工中心
Japan OKUMA Horizontal Machining Center

※ 中国台湾高锋立式加工中心
China Taiwan KAFO Vertical Machining Center

※ 中国台湾崴立龙门式五面体加工中心
China Taiwan Weili Gantry-Type 5-Face Machining Center

※ 中国台湾建德精密平面磨床
China Twiwan KENT Precision Surface Grinding Machine

※ 中国台湾油机数控立式车床
China Twiwan YOUJI CNC Vertical Lathe

※ 中国台湾亚威龙门加工中心
China Taiwan AWEA Gantry Machining Center

※ 中国台湾泷锋立式精密磨床
China Taiwan EVERRICHO vertical precision grinding machine

※ 中国台湾泷锋数控加工中心
China Taiwan EVERRICHO CNC Machining Center

※ 中国台湾福硕数控加工中心
China Taiwan FOCUS CNC Machining Center

先进精良的加工母机，制造出优秀精密的高速冲床。
Advanced and excellent processing machines produce excellent and precise high-speed presses.

科技引导生产力，精良的设备才能制造出优质的产品。为此，我们不断投入尖端的设备，保证了与市场的快速同步。

Technology leads productivity, and sophisticated equipment is the only way to manufacture quality products. For this reason, we continuously invest in cutting-edge equipment to ensure rapid synchronization with the market.

Innovation begins with Exquisite craftsmanship
创新始于--精湛的工艺

最好的产品来自于最好的加工设备。为了更好地控制质量和生产周期，我司高速冲床80%以上的零配件都在自己车间加工完成。

Best products are born from best equipments. With the purpose of quality and production cycle controlling, more than 80% of press parts are finished in Howfit workshop.

Advantage-
Advanced testing equipment
优势--先进的检测设备

引入先进技术及设备，配以完善的检测手段，使产品精益求精。
The quality control centre is being served with advanced testing equipment and professional monitor methods.

品质是企业的立足之本，优质的产品是企业的核心竞争力，豪辉为了制造高品质、高精度的产品，从原材料到加工制造再到出机检验，严格把控生产过程中的每一道关口，确保每一台冲床的品质和高精密度:
(1)我司冲床所用的铸件返厂前均经过第一次时效处理，粗加工后经振动时效处理或第二次退火处理，再精加工，这样减小和均化残余应力，使冲床能保持动态稳定性，提高了床身的抗变形能力。
(2)采用美国API公司的激光跟踪检测仪，对大型零配件（上横梁、底座等）进行精度检测。
(3)采用瑞士海克斯康HEXAGON三坐标检测仪检测冲床核心零配件（中座、滑座、连杆、曲柄轴等）。
(4)采用瑞士TRIMOS二次元测高仪配合大理石平台对中小零配件（导柱、导筒等）进行精度检测。
(5)采用日本RIKEN下死点检测仪，对冲床下死点稳定性能进行检测。
(6)采用日本RIKEN吨位检测仪，检测冲床实际冲压能力。

Quality is the foundation for a company's survival. High-quality products are the core competitiveness of an enterprise. In order to manufacture high-quality and high-precision products, HOWFIT strictly controls every step of the production process, from raw materials to processing and manufacturing, and then to the final machine inspection, to ensure the quality and high precision of each press.
(1) The castings used in our company's punch presses undergo the first time annealing process before being returned to the factory. After rough machining, they are treated with vibration aging or the second annealing process, followed by fine precision machining. This reduces and equalizes the residual stress, enabling the punch press to maintain dynamic stability and enhancing the anti-deformation ability of the bed.
(2) Use the laser tracking detector from the American API company, precision inspections were conducted on large-sized components (such as the press crown and the press base,etc).
(3) Use the Swiss Hexagon three-coordinate measuring instrument,inspect the core components of the press machine(such as the up right、slider、connected rod、crank shaft,etc).
(4) Use the Swiss TRIMOS two-dimensional height measuring instrument in conjunction with a marble platform,inspect the small-size componects(such as guide columns,guide plunger,etc).
(5) Use the bottom dead point detection instrument from RIKEN in Japan,inspect the stability performance of the lower dead point of the press machine.
(6) Use the Japanese RIKEN tonnage detector to measure the actual stamping capacity of the press machine.

Advantage-
Our honor
优势--我们的荣誉

8件
发明专利证书
Invention Patent CertiPcate

6件
软件著作权
Software Copyright

36件
实用新型专利
Utility Model Patent

5件
外观专利
Appearance Patent

荣誉，意味着肩负更大的责任，印证了我们昨日的辉煌，记录了我们今日的收获，也确定了我们明日新的起点。
Honor carries greater responsibility, it confirms the glory of our past, marks the gains of our present, and defines the new starting point for our future.

TOGETHER
WE CAN MOVE FORWARD WITH WISDOM
同心共进 智行未来

倾听客户需求
Listen to customer needs

每个行业都对他们的合作伙伴有着特殊的要求，每时每刻，精益求精。
赢取客户满意度的第一步就是理解客户需求。为此，当我们承接新客户的时候，首先要完整而准确地倾听客户的需求。
不断革新技术知识和我们整个企业团队的创新能力为我们具有最佳客户定位、量身定制的产品和以市场为导向的解决方案提供了强有力的保证。

Each industry has its special requirements for their partners. They keep improving and pursuing perfection.
The first step to win user's satisfaction is to learn what they want. So we promised to listen to their needs at first when we meet the new clients.
The knowledge of innovative technologies and the innovative capabilities of our entire enterprise team provide a strong guarantee that we have the best customer positioning, tailored products and market driven solutions.

99%
满意服务
SATISFACTORY SERVICE

12个月
保修时间
WARRANTY

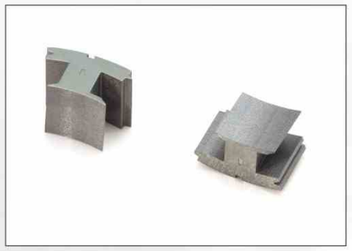
24小时
在线服务
ON-LINE SERVICE

INOVANCE 汇川技术 | LEO 利欧 | HYOSUNG | 禾聚精密 HEJU STAMPING
tp-link | TTI | 伟星股份 SAB | 双林集团 SHUANGLIN
SENCI 神驰机电 | KAIDI Electrical | 蓝彩电子 BLUECOLOUR | CG Power and Industrial Solutions Limited
aam INTERNATIONAL | LOTES | DEREN 得润电子 | SH-ABC 星徽精密
大洋电机 BROAD-OCEAN | YDET 奕东电子 | 领益智造 LY iTECH | Amphenol® 安费诺

最佳的用户体验是我们最终目的
The best customer experience is our ultimate goal

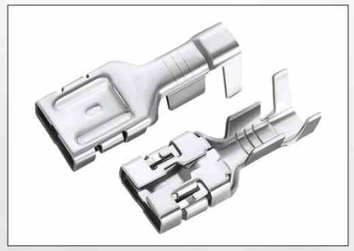
MARX-30T/40T/50T/60T/70T /80T/80W/125T/150T

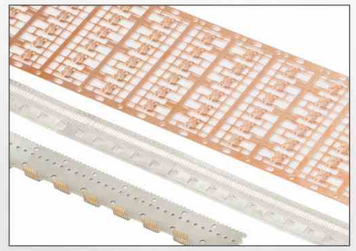
Knuckle Link Design High Speed Precision Press
肘节式高速超精密压力机



MARX-220W/260T/260W

Knuckle Link Design High Speed Precision Press
肘节式高速超精密压力机



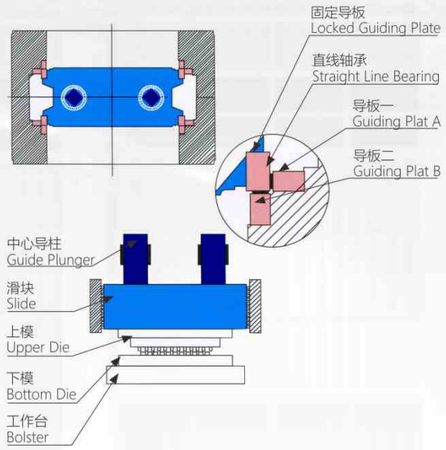


JIS 特级精度--刚性好、精度高
JIS Superfine Precision--Good Rigidity and High Precision

滑块运动采用2柱塞+8面平面滚针导轨导向，接近零间隙的空间内导向运动。刚性好、抗偏载能力强，冲床精度高，抗冲击、抗磨损导轨材料确保冲床精度长期稳定，延长了模具冲头修模时间。

The slider is guided by a guide of double plungers and octahedral flat roller with nearly no clearance in it.It has good rigidity,high inclined loading resistance capability,and high punch press precision.High impact-resisting and wear-resisting property of the guide materils guarantee long-term stability of the press machine precision and prolong the intervals of repairing mould.

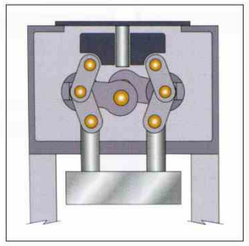
结构示意图
Structure Diagram

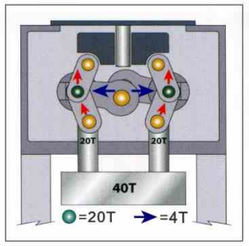


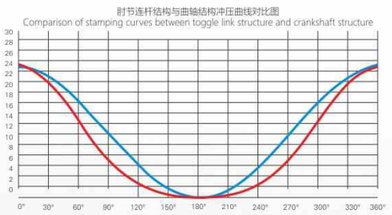
冲床精度出厂平均值
The average value of the precision of the punch press

肘节式高速精密冲床MARX系列产品精度表 Accuracy Inspection Form

机型 Model	检验项目 Inspection Item	检验方向 Direction	日本JIS标准mm JIS Standard	出厂平均值mm Factory Accuracy
MARX-30 MARX-40 行程 16mm Stroke 16mm	平行度 Parallelism	左右方向R-L	0.024/0.028mm	≤0.020mm
		前后方向F-B	0.017/0.018mm	≤0.015mm
	垂直度 Perpendicularity	左右方向R-L	0.009mm	≤0.003mm
		前后方向F-B	0.009mm	≤0.003mm
	综合间隙 Total Clearance	左右两侧R-L	0.210/0.226mm	≤0.150mm
MARX-60 MARX-80 行程 16mm Stroke 16mm	平行度 Parallelism	左右方向R-L	0.035/0.055mm	≤0.025mm
		前后方向F-B	0.022/0.039mm	≤0.020mm
	垂直度 Perpendicularity	左右方向R-L	0.009mm	≤0.003mm
		前后方向F-B	0.009mm	≤0.003mm
	综合间隙 Total Clearance	左右两侧R-L	0.255/0.279mm	≤0.200mm
MARX全系列 MARX Series	下死点精度 BDC Accuracy	恒温恒速 Constant-temperature Constant-velocity	---	≤0.002mm



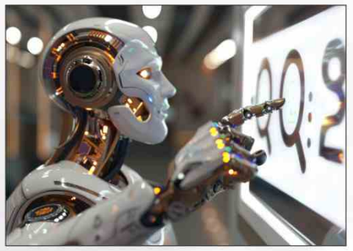


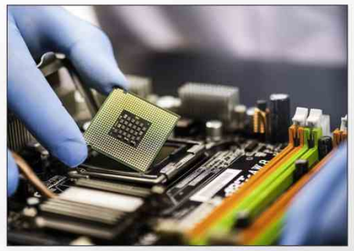


压印效果极佳
Perfect Stamping Effect

水平对称肘节连杆结构，使冲床滑块运动在下死点附近冲压曲线平滑获得了极好的压印效果，同时此结构的滑块运动方式，减少高速冲压时对模具的冲击，延长模具寿命。特别适用于低空经济产业、机器人肘关节、精密电子元件、马达定转子、半导体等行业。

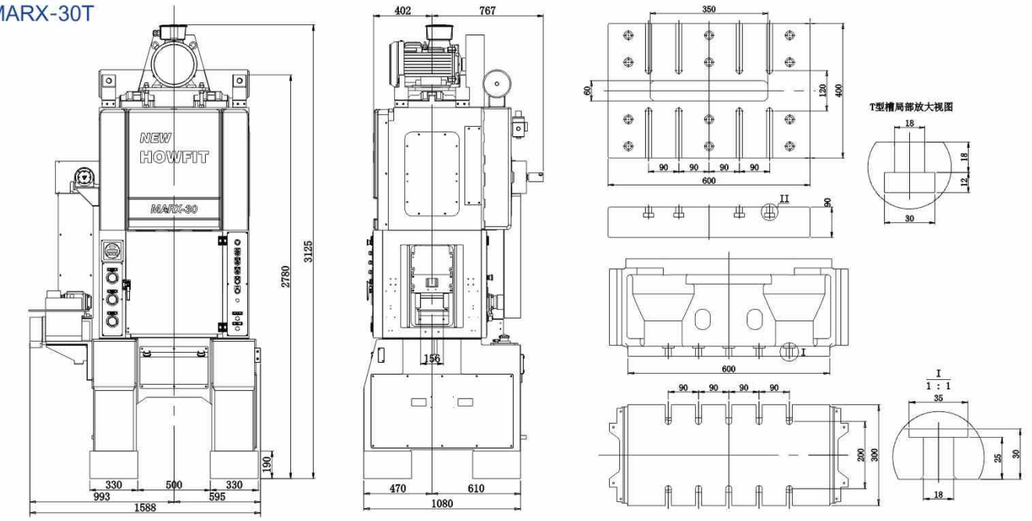
The horizontal symmetrical toggle link mechanism ensures a smooth pressing curve near the bottom dead center, delivering excellent stamping quality. Additionally, this mechanism reduces impact on molds during high-speed pressing, thereby extending mold life. It is particularly suitable for applications in the low-altitude economy industry, Robotic Joint Components、precision electronic components, motor stators and rotors, semiconductor manufacturing, and other related fields in high-speed press applications.



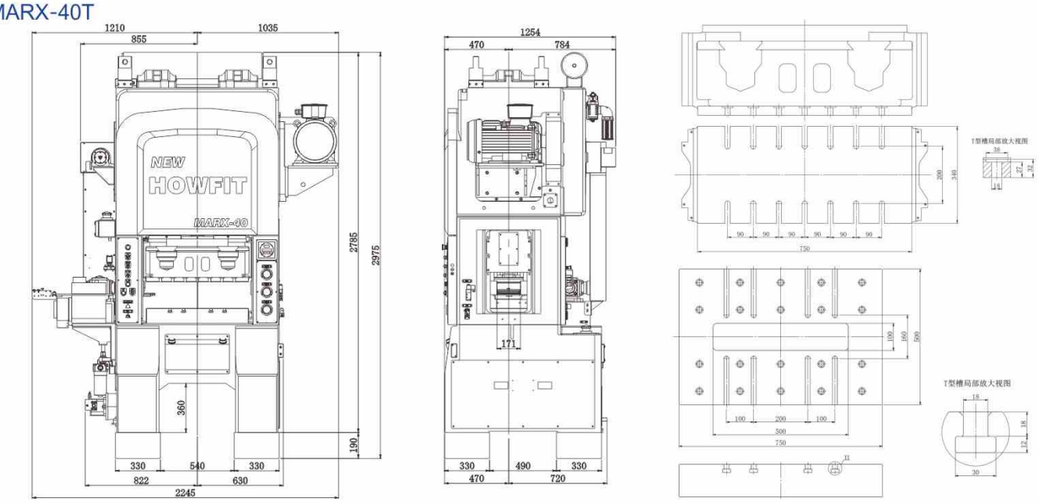


技术参数 Main Technical Parameters

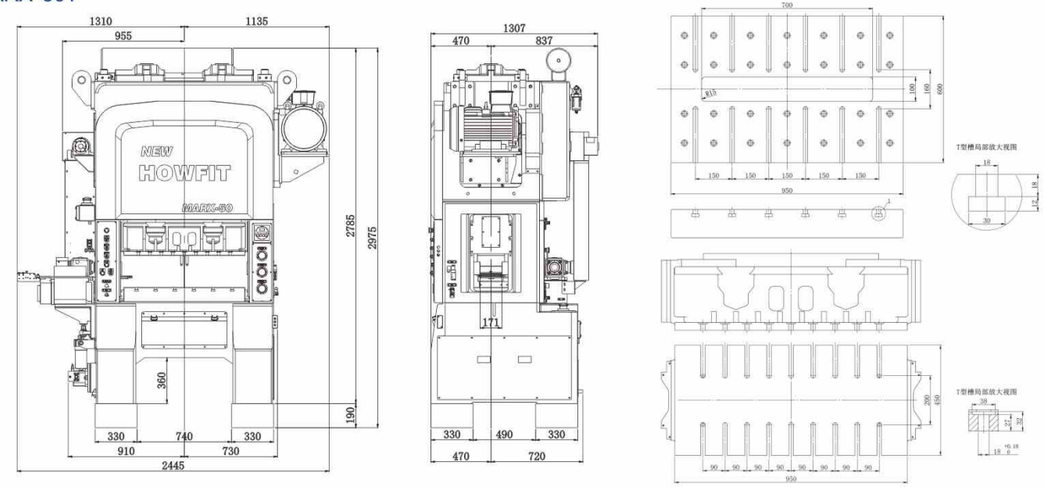
MARX-30T



MARX-40T

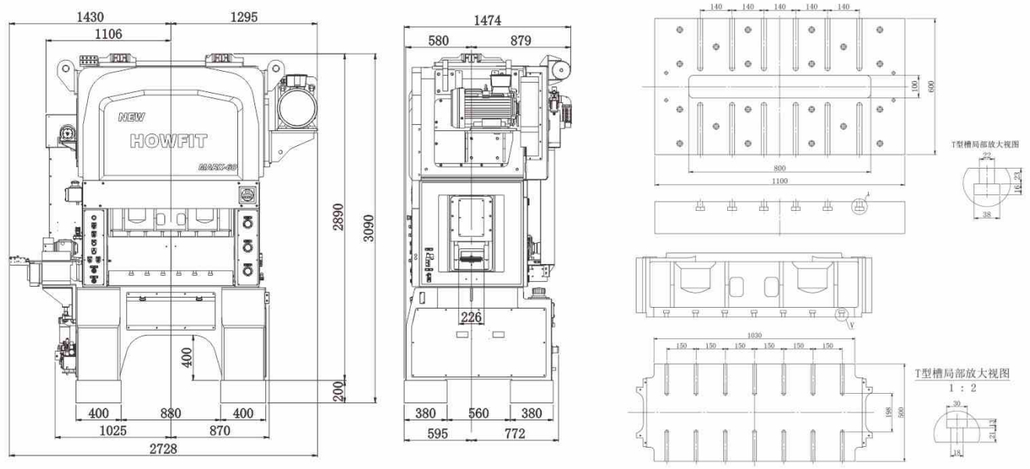


MARX-50T

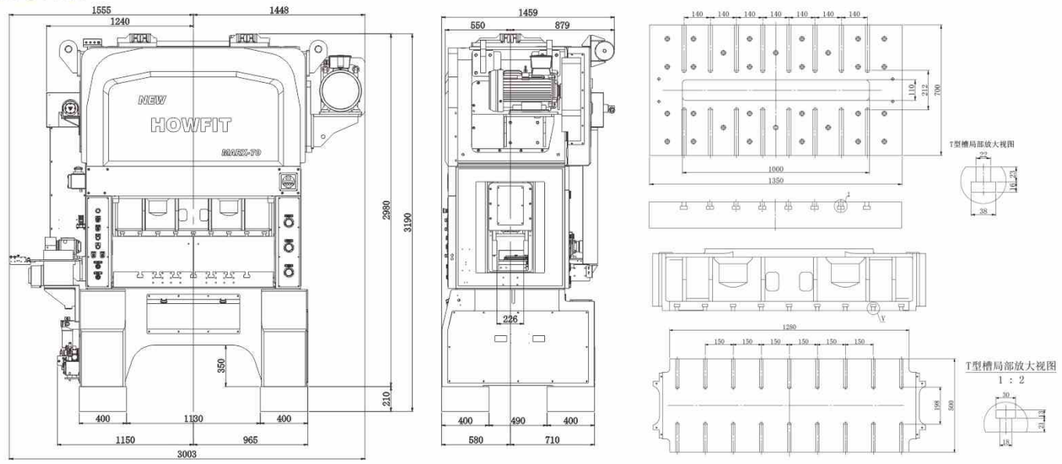


技术参数 Main Technical Parameters

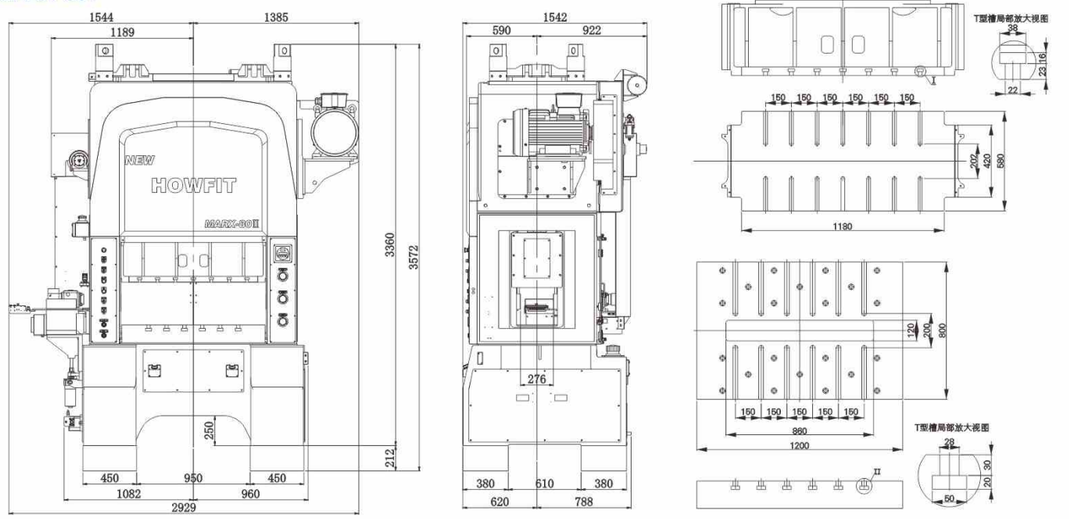
MARX-60T



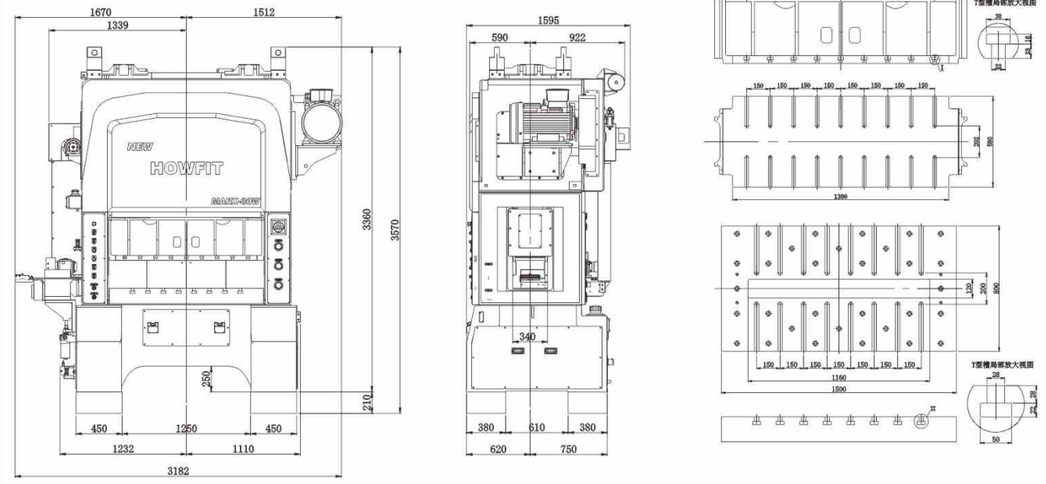
MARX-70T



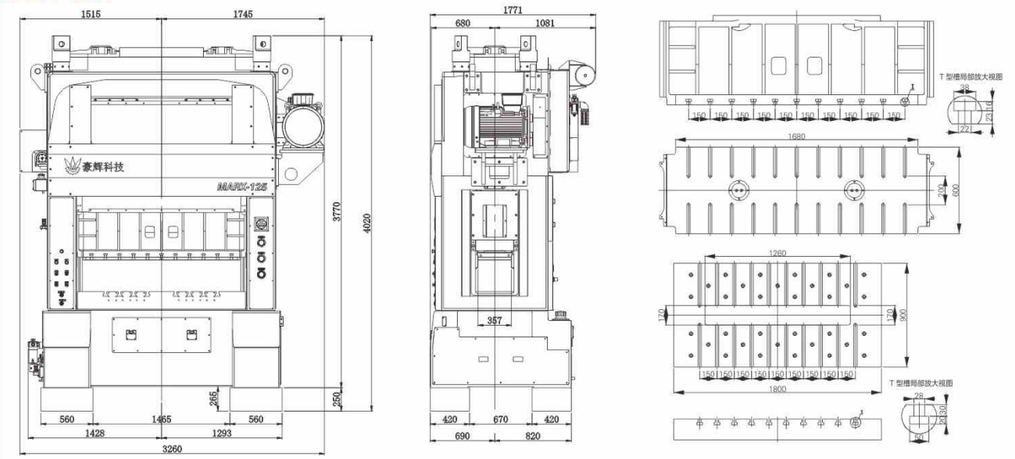
MARX-80T



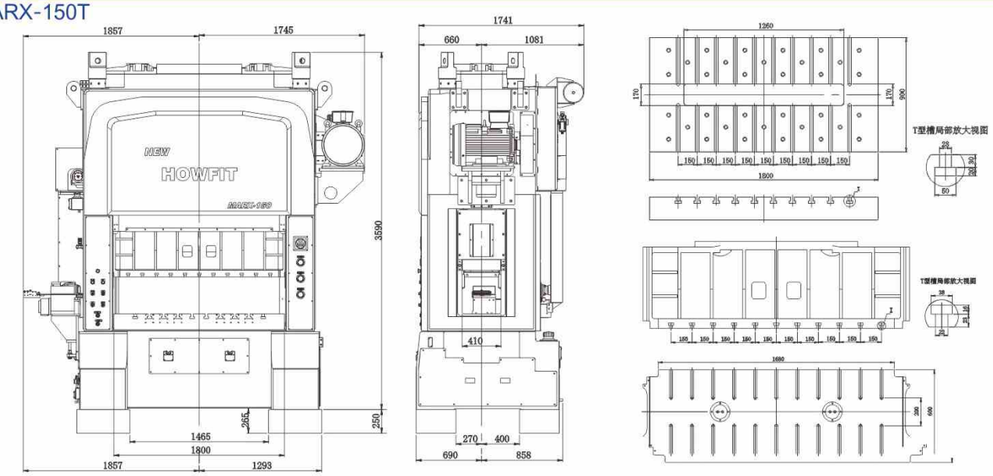
MARX-80W



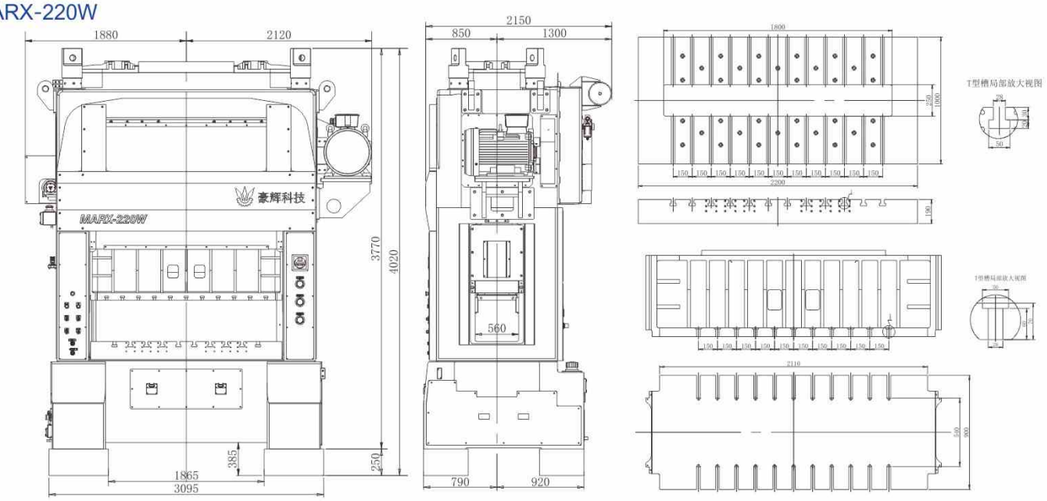
MARX-125T



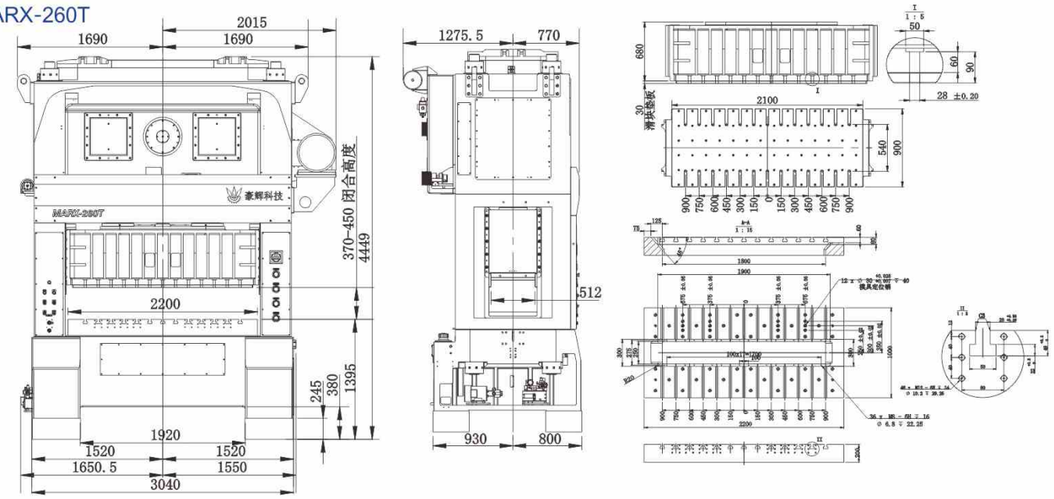
MARX-150T



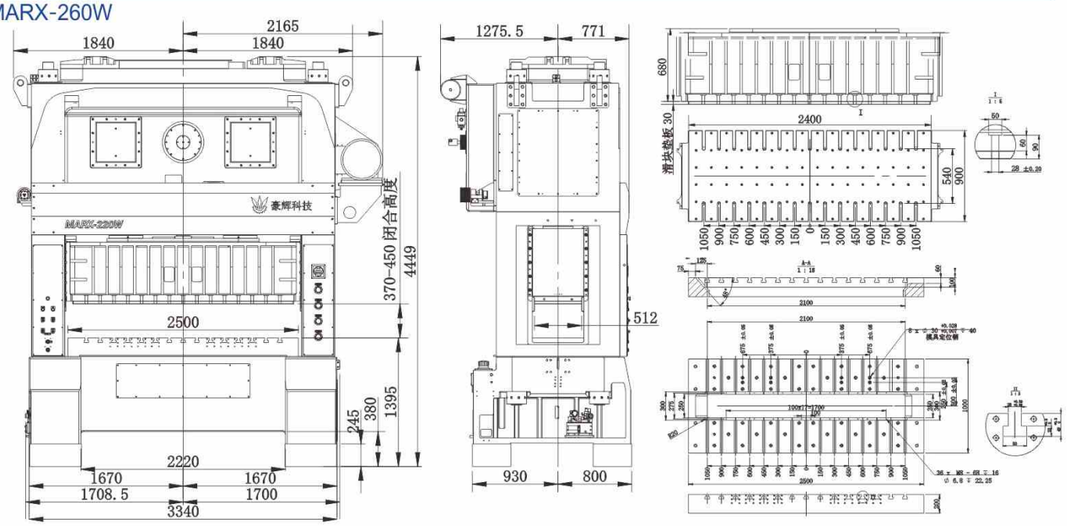
MARX-220W



MARX-260T



MARX-260W



技术参数 Main Technical Parameters

机型	Model		MARX-30T			MARX-40T				MARX-50T			
加压能力	Capacity	KN	300			400				500			
行程	Stroke length	MM	20	25	32	16	20	25	30	16	20	25	30
最高转速	Maximum SPM	SPM	1350	1150	1000	1000	900	850	800	900	800	800	750
最低转速	Minimum SPM	SPM	200	200	200	180	180	180	180	180	180	180	180
闭模高度	Die height	MM	200-240			190-240				190-240			
模高调整量	Die height adjustment	MM	40			50				50			
滑块尺寸	Slider area	MM	600×300			750×340				950x450			
工作台尺寸	Bolster area	MM	600×400			750×500				950x600			
底座落料孔	Bed opening	MM	400×100			560×120				800x120			
工作台落料孔	Bolster opening	MM	350×60			500×100				700x100			
主马达	Main motor	KW	15×4P			15×4P				18X4P			
精度	Accuracy		JIS特级 / JIS Special grade			JIS特级 / JIS Special grade				JIS特级 / JIS Special grade			
上模重量	Upper Die Weight	KG	MAX 105/105			MAX 105/105				MAX 180			

机型	Model		MARX-60T				MARX-70T				MARX-80T			
加压能力	Capacity	KN	600				700				800			
行程	Stroke length	MM	20	25	32	40	20	25	32	40	20	25	32	40
最高转速	Maximum SPM	SPM	750	750	650	550	700	650	600	450	600	550	500	450
最低转速	Minimum SPM	SPM	100	100	100	100	100	100	100	100	120	120	120	120
闭模高度	Die height	MM	220-300				220-300				240-320			
模高调整量	Die height adjustment	MM	80				80				80			
滑块尺寸	Slider area	MM	1030×500				1280x500				1080×580			
工作台尺寸	Bolster area	MM	1100×600				1350x700				1200×800			
底座落料孔	Bed opening	MM	840×120				1050x130				900×160			
工作台落料孔	Bolster opening	MM	800×100				1100x110				1050×120			
主马达	Main motor	KW	22×4P				22X4P				30×4P			
精度	Accuracy		JIS特级 / JIS Special grade				JIS特级 / JIS Special grade				JIS特级 / JIS Special grade			
上模重量	Upper Die Weight	KG	MAX 450				MAX 500				MAX 500			

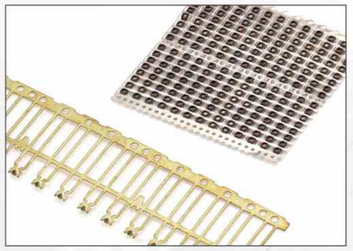
机型	Model		MARX-80W				MARX-125T			MARX-150T		
加压能力	Capacity	KN	800				1250			1500		
行程	Stroke length	MM	20	25	32	40	25	30	36	25	30	36
最高转速	Maximum SPM	SPM	500	450	400	300	400	350	300	400	300	250
最低转速	Minimum SPM	SPM	120	120	120	120	100	100	100	100	100	100
闭模高度	Die height	MM	240-320				360-440			360-440		
模高调整量	Die height adjustment	MM	80				80			80		
滑块尺寸	Slider area	MM	1380x580				1680x600			1800x600		
工作台尺寸	Bolster area	MM	1500x800				1800x900			1800x900		
底座落料孔	Bed opening	MM	1200x160				1500x160			1500x160		
工作台落料孔	Bolster opening	MM	1160x120				1260x170			1260x170		
主马达	Main motor	KW	30X4P				37X4P			37X4P		
精度	Accuracy		JIS特级 / JIS Special grade				JIS特级 / JIS Special grade			JIS特级 / JIS Special grade		
上模重量	Upper Die Weight	KG	MAX 500				MAX 600			MAX 700		

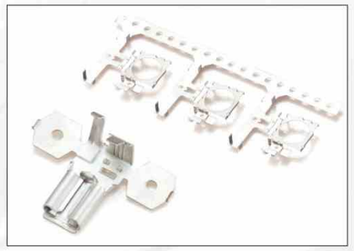
机型	Model		MARX-220W		MARX-260T		MARX-260W	
加压能力	Capacity	KN	2200		2600		2600	
行程	Stroke length	MM	30	36	30	36	30	36
最高转速	Maximum SPM	SPM	350	300	350	300	300	250
最低转速	Minimum SPM	SPM	100	100	100	100	100	100
闭模高度	Die height	MM	370-450		370-450		370-450	
模高调整量	Die height adjustment	MM	80		80		80	
滑块尺寸	Slider area	MM	2200x900		2200x900		2500x900	
工作台尺寸	Bolster area	MM	2200x1000		2200x1000		2500x1000	
底座落料孔	Bed opening	MM	1900x260		1900x260		2100x260	
工作台落料孔	Bolster opening	MM	1800x250		1800x250		1800x250	
主马达	Main motor	KW	45X4P		45x4P		45x4P	
精度	Accuracy		JIS特级 / JIS Special grade		JIS特级 / JIS Special grade		JIS特级 / JIS Special grade	
上模重量	Upper Die Weight	KG	MAX 1500		MAX 1500		MAX 1500	

DHS-25T/30T/45T

Gantry Frame Single Plunger with Four Guide Column
High Speed Precision Press

五圆导柱龙门高速精密冲床



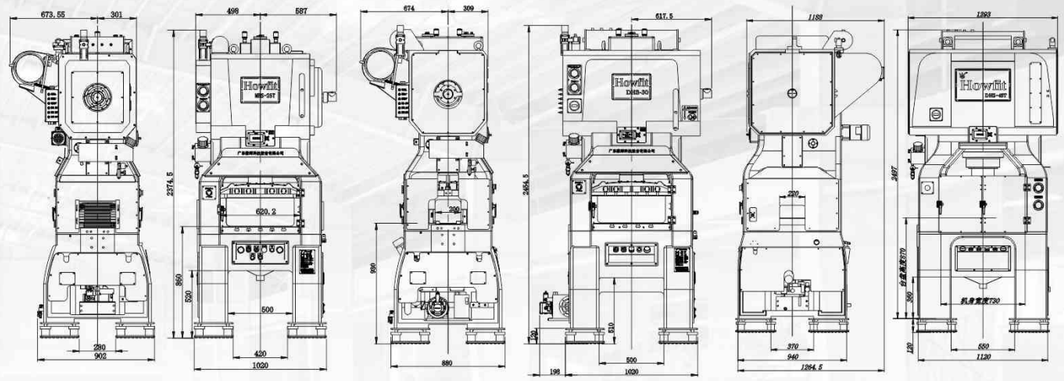


主要特点 Main Features

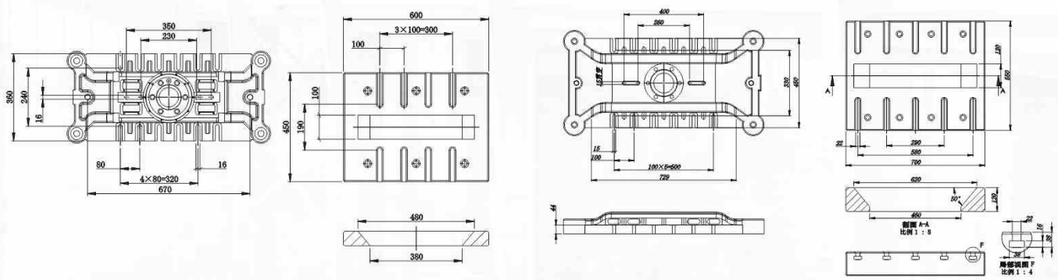
1. 是一种比传统C型更好的冲床，结构一体式龙门框架床身，结构更加稳定。
2. 导柱与滑块一体式结构，滑块动作更加稳定，精度保持更好。
3. 高压强制润滑，机身内部无油管设计，防止油路断裂，延长使用寿命。
4. 全新的防漏油设计，能更好的防止漏油发生。
5. 人机界面微电脑控制，大荧幕显示，操作方便，简洁。

1. It is a better press machine than the traditional C type, the structure of one –piece gantry frame bed, the structure is more stable.
2. Integrated structure of guide pillar and slider, more stable slider action and better retention accuracy.
3. High pressure forced lubrication, no oil pipe design inside the body to prevent oil circuit breakage and prolong service life.
4. The new oil leakage prevention design can better prevent oil leakage from occurring.
5. Human–machine interface microcomputer control, large screen display, simple and convenient operation.

外形尺寸 Dimension



DHS-25T/30T滑块　DHS-25T/30T工作台　DHS-45T滑块　DHS-45T工作台



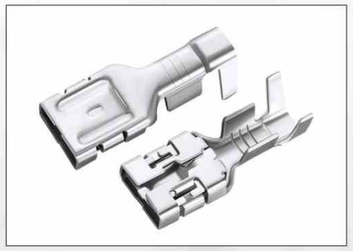
技术参数 Main Technical Parameters

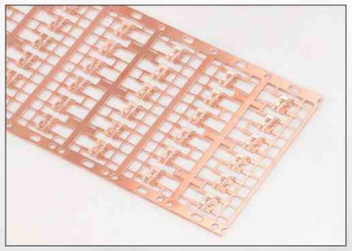
机型	Model		DHS-25T			DHS-30T			DHS-45T		
加压能力	Capacity	KN	250			300			450		
行程	Stroke length	MM	20	25	30	20	25	30	20	30	40
最高转速	Maximum SPM	SPM	800	700	650	800	700	650	700	600	500
最低转速	Minimum SPM	SPM	200	200	200	200	200	200	200	200	200
闭模高度	Die height	MM	185-215	183-213	180-210	185-215	183-213	180-210	215-245	210-240	205-235
模高调整量	Die height adjustment	MM	30			30			30		
滑块尺寸	Slider area	MM	600×360			600×360			720×450		
工作台尺寸	Bolster area	MM	600×450×80			600×450×80			700×550×120		
工作台落料孔	Bolster opening	MM	100×480			100×480			120×620		
主马达	Main motor	KW	3.7kw×4P			3.7kw×4P			5.5kw×4P		
精度	Accuracy		JIS特级 / JIS Special grade			JIS特级 / JIS Special grade			JIS特级 / JIS Special grade		

MDH-30T/45T/65T

Gantry Frame Dual Plunger with Four Guide Column High Speed Precision Press

六圆导柱龙门精密高速冲床



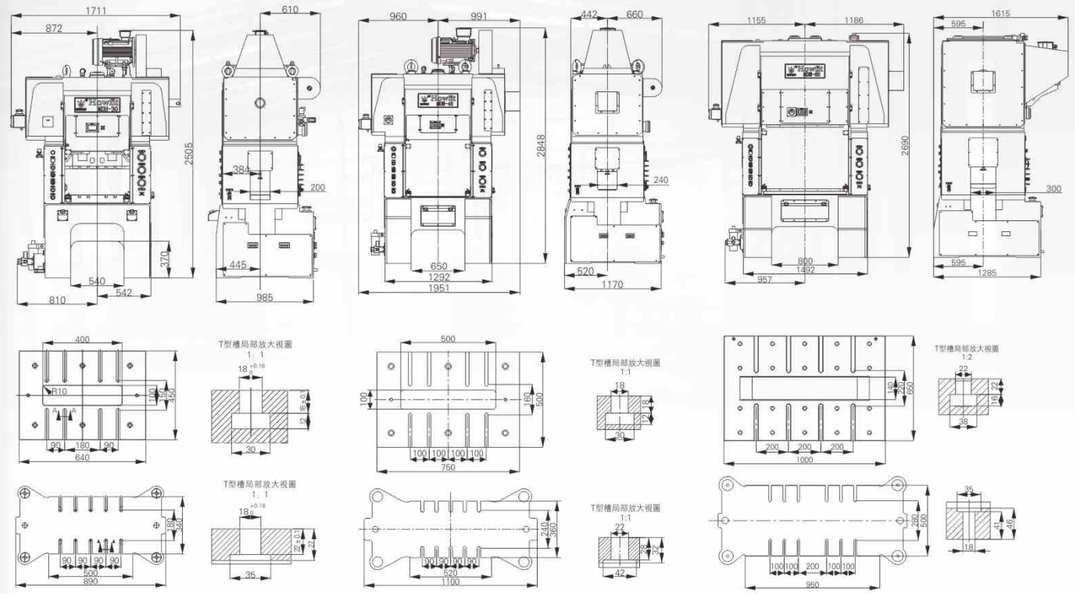


主要特点 Main Features

1. 床身采用高强度铸铁，精准控温回火后通过自然漫长时间消除工件内部应力，使床身工件性能达到最佳状态。
2. 分体式龙门构造，防止了负载时机身的开口问题，实现了高精度产品的加工。
3. 曲柄轴采用合金钢材锻打成型后由四轴日本机床加工，合理的加工工艺及装配工艺保证机床在运行过程中形变量小，结构稳定。
4. 机床采用六圆导柱式导向结构，合理控制各工件之间位移形变。加上强制供油润滑系统，使机床在长时间运转和偏载负荷工况下的细微热变形降至最低，保证长时间高精度产品加工。
5. 人机界面微电脑控制，实现操作的可视化管理，产品数量，机床状态一目了然(后续将采用中央数据处理系统，一部屏幕知晓所有机床工作状态，质量，数量及其它数据)。

1. The press frame adopts high-strength cast iron, and the internal stress of the workpiece is eliminated through natural long time after precise temperature control and tempering, so that the performance of the bed workpiece reaches the best state.
2. The split gantry structure prevents the problem of opening of the machine body during loading and realizes the processing of high precision products.
3. The crank shaft is forged and shaped by alloy steel and then machined by four-axis Japanese machine tool. The reasonable machining process and assembly process ensure that the machine tool has small deformation and stable structure during operation.
4. The press adopts 4 post guide and 2 plunger guide guiding structure, which can reasonably control the displacement deformation between workpieces. Together with the forced oil supply lubrication system, the machine tool can minimize the slight thermal deformation under long time operation and partial load condition,which can guarantee the long time high precision product processing.
5. Human-machine interface microcomputer control, to achieve the visual management of the operation, the number of products, machine status at a glance (the subsequent adoption of a central data processing system, a screen to know all machine work status, quality, quantity and other data).

外形尺寸 Dimension



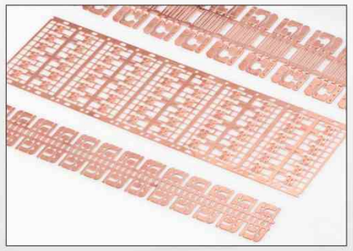
技术参数 Main Technical Parameters

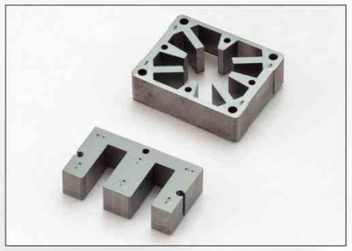
机型	Model		MDH-30T				MDH-45T				MDH-65T			
加压能力	Capacity	KN	300				450				650			
行程	Stroke length	MM	16	20	25	30	20	25	30	40	20	30	40	50
最高转速	Maximum SPM	SPM	800	800	750	700	800	700	650	600	700	600	500	400
最低转速	Minimum SPM	SPM	200	200	200	200	200	200	200	200	200	200	200	200
闭模高度	Die height	MM	240	240	240	235	270	265	265	260	260	255	250	245
模高调整量	Die height adjustment	MM	50				50				50			
滑块尺寸	Slider area	MM	640x340				750x360				950x500			
工作台尺寸	Bolster area	MM	640x450				750x500				1000x650			
底座落料孔	Bed opening	MM	480x120				600x120				800x200			
工作台落料孔	Bolster opening	MM	400x100				500x100				800(上)x650(下)x140			
主马达	Main motor	KW	7.5x4P				15x4P				18.5x4P			
精度	Accuracy		JIS特级 / JIS Special grade				JIS特级 / JIS Special grade				JIS特级 / JIS Special grade			
上模重量	Upper Die Weight	KG	MAX 60				MAX 120				MAX 300			

H-80T/85T/125T/160T/200T /300T/360T

Gantry Frame Dual Plunger with Four Guide Column High Speed Precision Press

六圆导柱龙门精密高速冲床





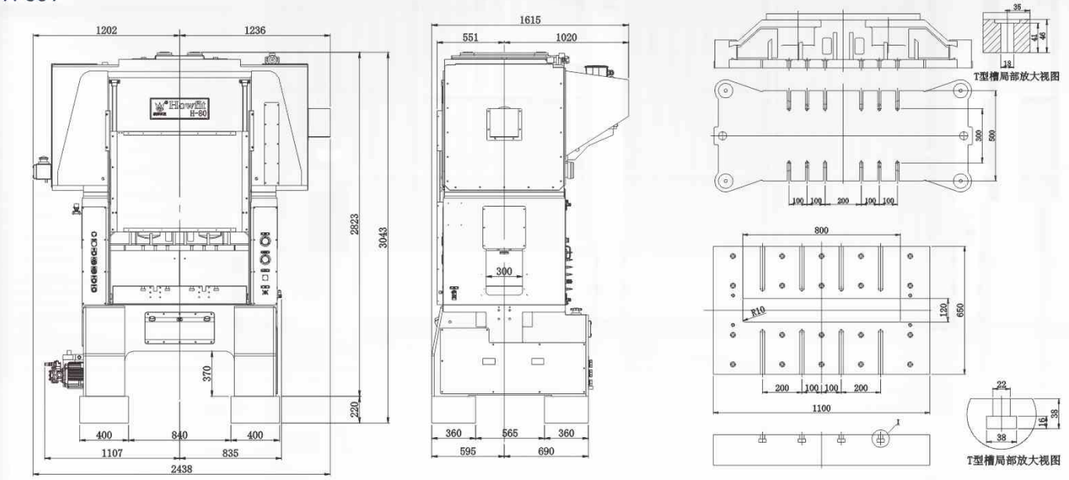
主要特点 Main Features

1. 床身采用高强度铸铁，精准控温回火后通过自然漫长时间消除工件内部应力，使床身工件性能达到最佳状态。
2. 分体式龙门构造，防止了负载时机身的开口问题，实现了高精度产品的加工。
3. 曲柄轴采用合金钢材锻打成型后由四轴日本机床加工，合理的加工工艺及装配工艺保证机床在运行过程中形变量小，结构稳定。
4. 机床采用六圆导柱式导向结构，合理控制各工件之间位移形变。加上强制供油润滑系统，使机床在长时间运转和偏载负荷工况下的细微热变形降至最低，保证长时间高精度产品加工。
5. 人机界面微电脑控制，实现操作的可视化管理，产品数量，机床状态一目了然(后续将采用中央数据处理系统，一部屏幕知晓所有机床工作状态，质量，数量及其它数据)。

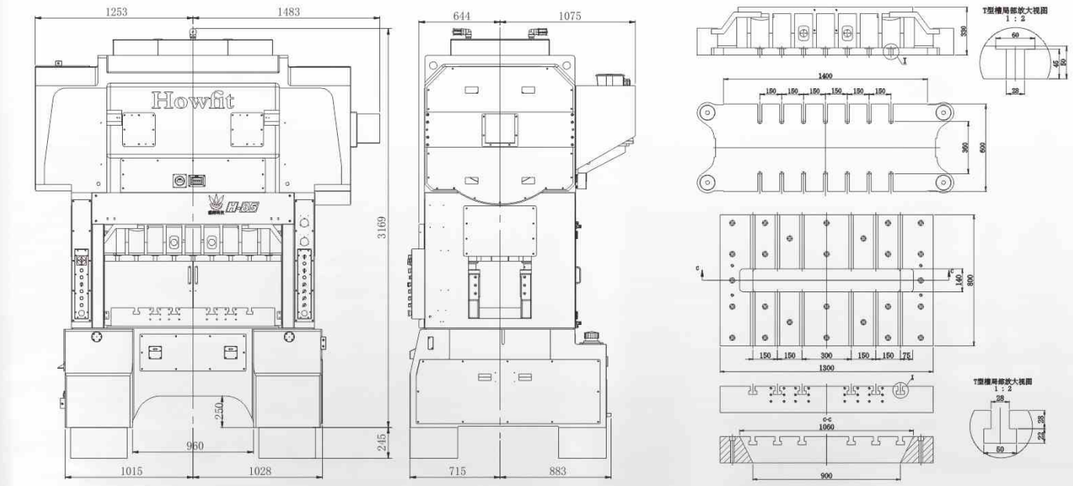
1. The press frame adopts high-strength cast iron, and the internal stress of the workpiece is eliminated through natural long time after precise temperature control and tempering, so that the performance of the bed workpiece reaches the best state.
2. The split gantry structure prevents the problem of opening of the machine body during loading and realizes the processing of high precision products.
3. The crank shaft is forged and shaped by alloy steel and then machined by four -axis Japanese machine tool. The reasonable machining process and assembly process ensure that the machine tool has small deformation and stable structure during operation.
4. The press adopts 4 post guide and 2 plunger guide guiding structure, which can reasonably control the displacement deformation between workpieces. Together with the forced oil supply lubrication system, the machine tool can minimize the slight thermal deformation under long time operation and partial load condition, which can guarantee the long time high precision product processing.
5. Human-machine interface microcomputer control, to achieve the visual management of the operation, the number of products, machine status at a glance (the subsequent adoption of a central data processing system, a screen to know all machine work status, quality, quantity and other data).

外形尺寸 Dimension

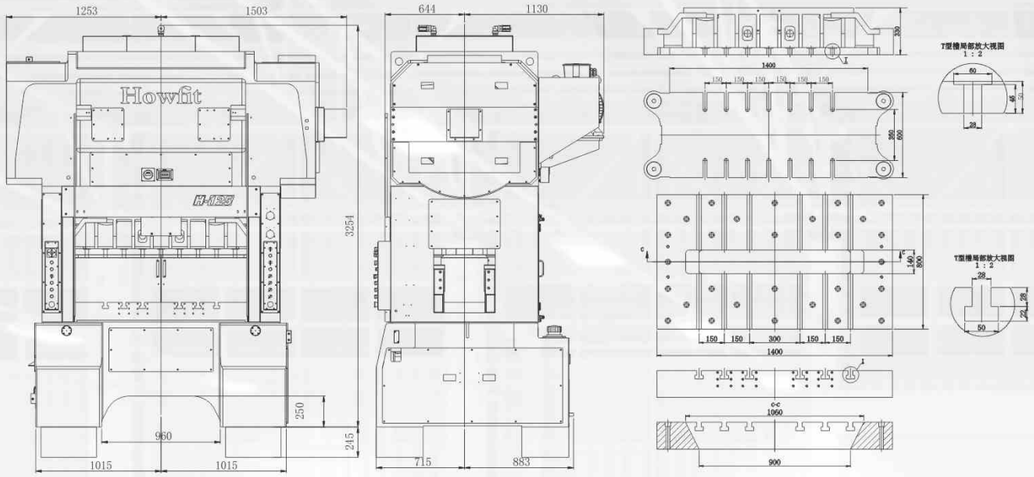
H-80T



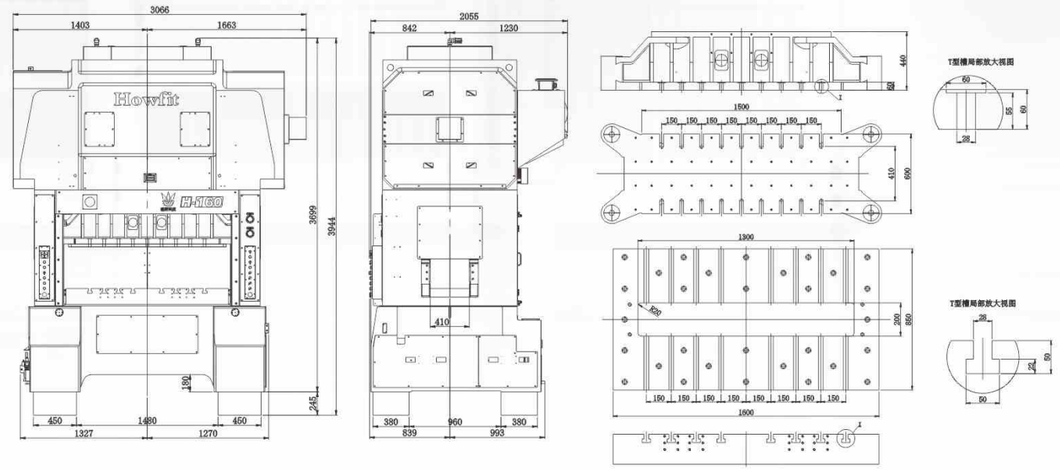
H-85T



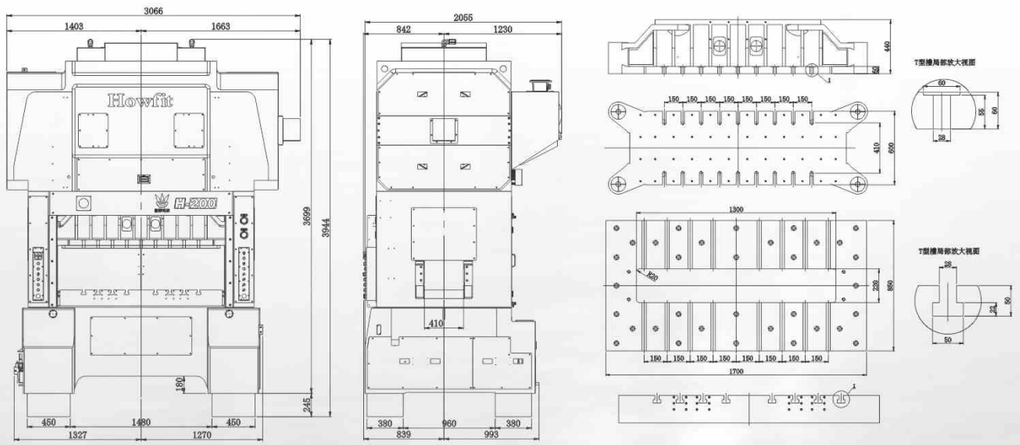
H-125T



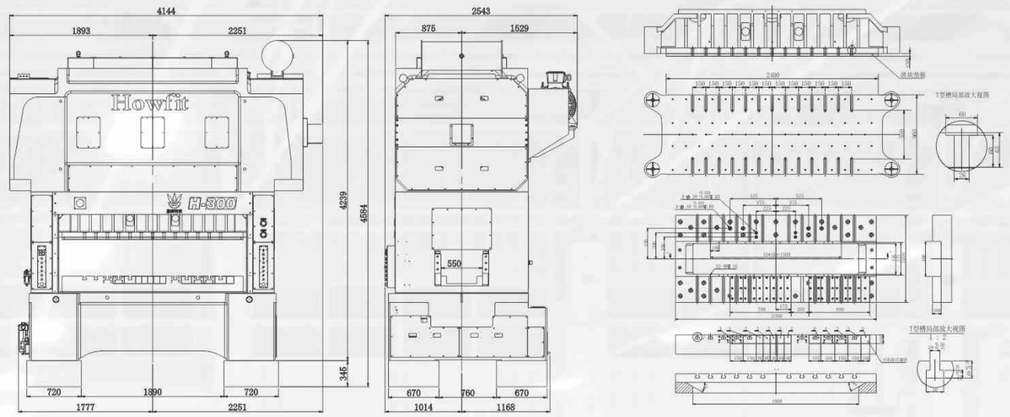
H-160T



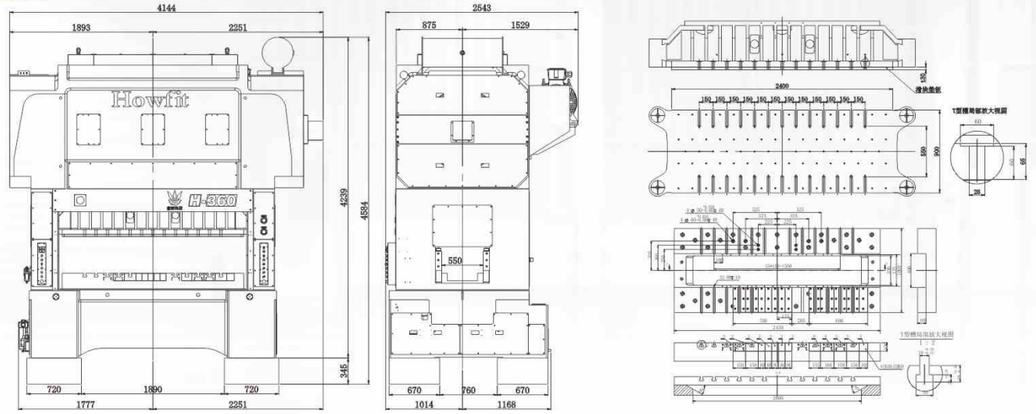
H-200T



H-300T



H-360T



技术参数 Main Technical Parameters

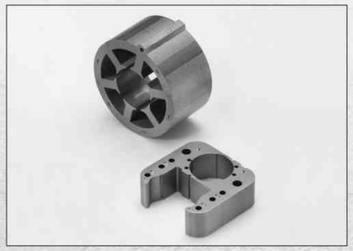
机型	Model		H-80T				H-85T			H-125T		
加压能力	Capacity	KN	800				850			1250		
行程	Stroke length	MM	20	30	40	50	20	30	40	20	30	40
最高转速	Maximum SPM	SPM	550	500	450	400	500	500	350	500	500	350
最低转速	Minimum SPM	SPM	200	200	200	200	200	200	200	200	200	200
闭模高度	Die height	MM	210-260	205-255	200-250	195-245	365-415	360-410	355-405	365-415	360-410	355-405
模高调整量	Die height adjustment	MM	50				50			50		
工作台尺寸	Bolster area	MM	1100×650				1300×800			1400×800		
滑块尺寸	Slider area	MM	1050×500				1300×600			1400×600		
落料孔	Bolster opening	MM	800×120				1100×120			1100×120		
主马达	Main motor	KW	22				30			37		

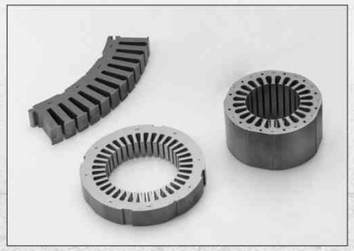
机型	Model		H-160T	H-200T	H-300T	H-360T
加压能力	Capacity	KN	1600	2000	3000	3600
行程	Stroke length	MM	30(40MAX)	30(40MAX)	30	30
最高转速	Maximum SPM	SPM	400	400	450	400
最低转速	Minimum SPM	SPM	150	150	150	150
闭模高度	Die height	MM	360-410	360-410	400-450	400-450
模高调整量	Die height adjustment	MM	50	50	50	50
工作台尺寸	Bolster area	MM	1600×850	1700×850	2300×1000	2400×1000
滑块尺寸	Slider area	MM	1500×600	1600×600	2300×900	2400×900
落料孔	Bolster opening	MM	1300×200	1300×250	1800×300	1900×300
主马达	Main motor	KW	37	45	55 4P	75 4P

DDL-125T/220T/300T/360T

Gantry Frame Dual Plunger with Four Guide Column High Speed Precision Press

豪辉高将精机





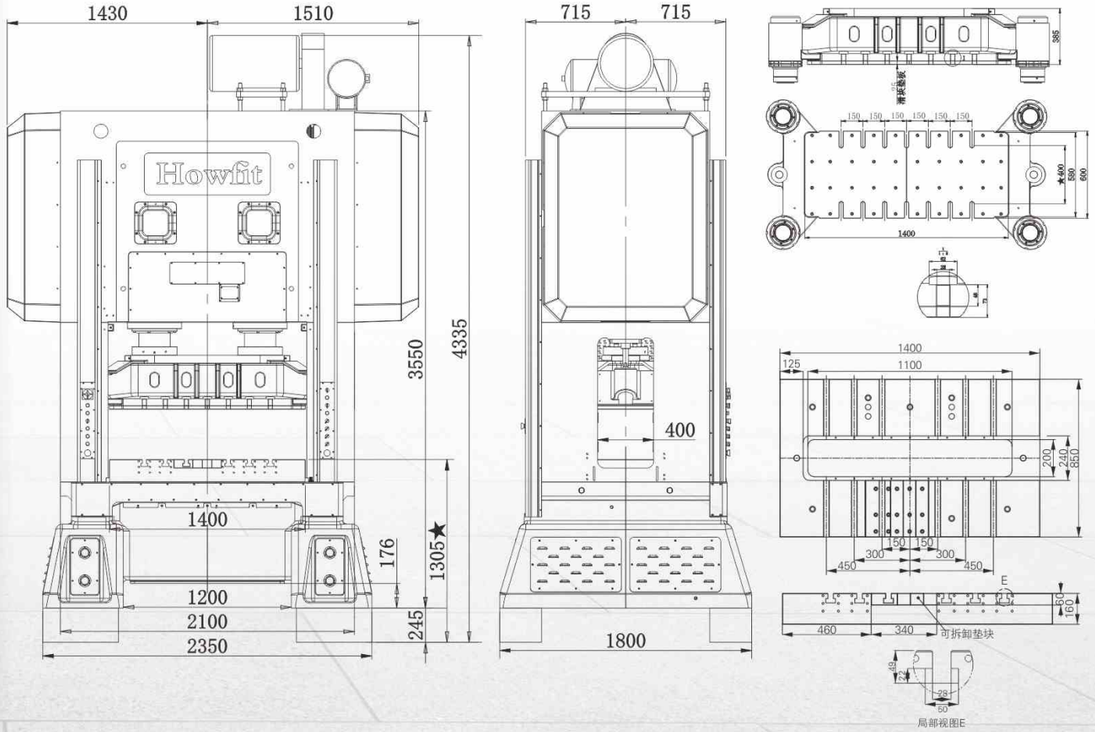
主要特点 Main Features

1. 床身采用高强度铸铁，精准控温回火后通过自然漫长时间消除工件内部应力，使床身工件性能达到最佳状态。
2. 床身机架的连接，使用机座螺栓紧固并使用油压动力，使机架结构预压，大幅提升机架刚性。
3. 优异的动态平衡设计，将震动与噪音降到最低，并可确保模具寿命。
4. 曲轴采用NiCrMO合金钢，经过热处理、研磨等精密加工。
5. 滑块导筒与导杆间采用无间隙轴向轴承配合加长型导筒，使动、静态精度超越特级精度，亦使冲压模具寿命大幅提升。
6. 采用强制润滑冷却系统，降低机座热应变，确保冲压品质，延长机械寿命。
7. 人机界面微电脑控制，实现操作的可视化管理，产品数量，机床状态一目了然（后续将采用中央数据处理系统，一部屏幕知晓所有机床工作状态，质量，数量及其他数据）。

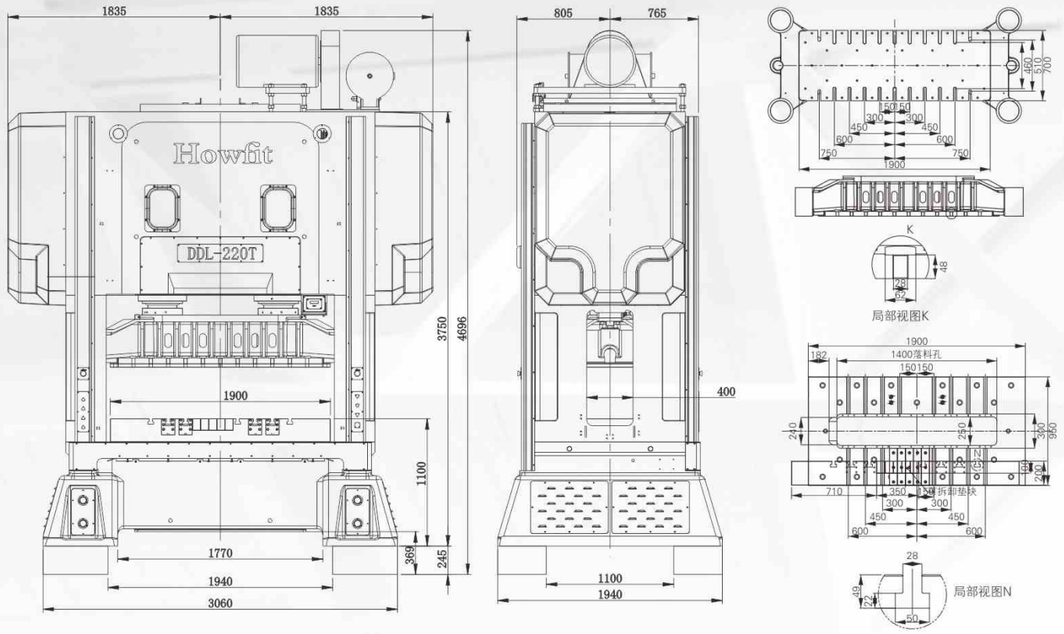
1. The frame is made of high strength cast iron, which eliminates the internal stress of the workpiece through natural long time after precise temperature control and tempering, so that the performance of the workpiece of the frame reaches the best state.
2. The connection of the bed frame is fastened by the Tie Rod and the hydraulic power is used to prepress the frame structure and greatly improve the rigidity of the frame.
3. Excellent dynamic balance design, minimize vibration and noise, and ensure the life of the die.
4. Crankshaft adopts NiCrMO alloy steel, after heat treatment, grinding and other precision machining.
5. The non-clearance axial bearing is used between the slide guide cylinder and the guide rod and match with the the extended guide cylinder, so that the dynamic and static accuracy exceeds the special grande precision, and the life of the stamping die is greatly improved.
6. Adopt the forced lubrication cooling system, reduce the heat strain of the frame, ensure the stamping quality, prolong the press life.
7. The man-machine interface is controlled by microcomputer to realize visual management of operation, product quantity and machine tool status at a clear sight (central data processing system will be adopted in the future, and one screen will know the working status, quality, quantity and other data of all machine tools).

外形尺寸 Dimension

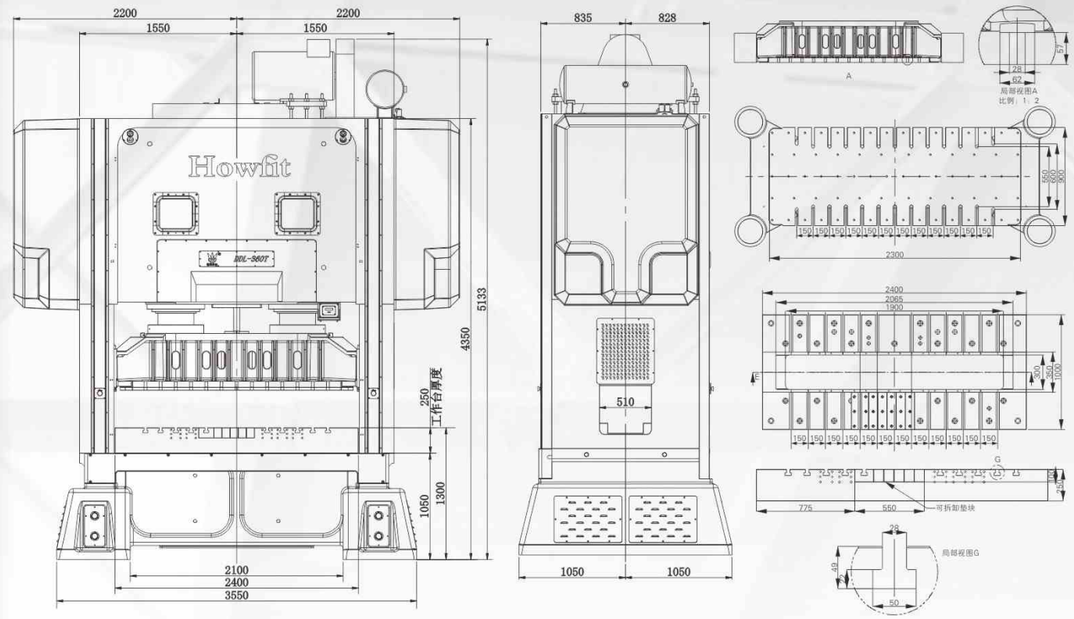
DDL-125T



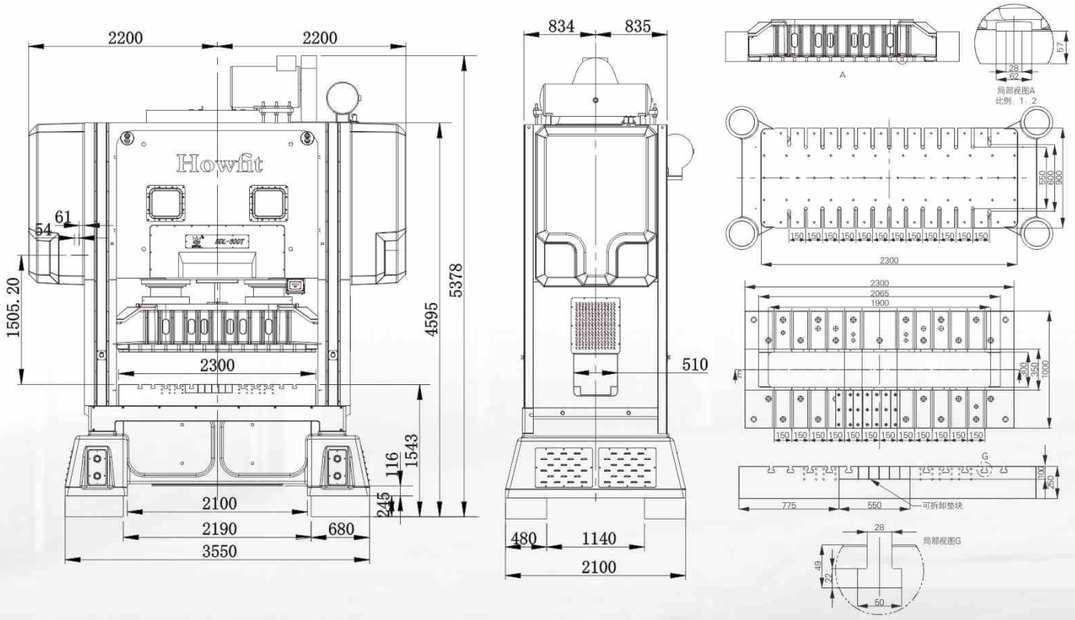
DDL-220T



DDL-360T



DDL-300T



技术参数 Main Technical Parameters

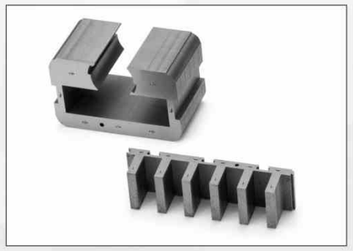
机型	Model		DDL-125T	DDL-220T
加压能力	Capacity	KN	1250	2200
行程	Stroke length	MM	30	30
最高转速	Maximum SPM	SPM	500	500
最低转速	Minimum SPM	SPM	150	150
闭模高度	Die height	MM	360-410	370-420
模高调整量	Die height adjustment	MM	50	50
滑块尺寸	Slider area	MM	1400×600	1900×700
工作台尺寸	Bolster area	MM	1400×850	1900×950
底座落料孔	Bed opening	MM	1100×300	1500×300
工作台落料孔	Bolster opening	MM	1100×200	1400×250
主马达	Main motor	KW	37×4P	45×4P
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

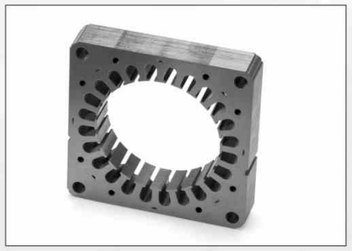
机型	Model		DDL-300T	DDL-360T
加压能力	Capacity	KN	3000	3600
行程	Stroke length	MM	30	30
最高转速	Maximum SPM	SPM	450	400
最低转速	Minimum SPM	SPM	100	100
闭模高度	Die height	MM	400-450	400-450
模高调整量	Die height adjustment	MM	50	50
滑块尺寸	Slider area	MM	2300×900	2300×900
工作台尺寸	Bolster area	MM	2300×1000	2400×1000
底座落料孔	Bed opening	MM	2000×350	2000×350
工作台落料孔	Bolster opening	MM	1900×300	1900×300
主马达	Main motor	KW	55×4P	75×4P
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

DDH-85T/125T/220T/300T /360T/400T

Gantry Frame Dual Plunger with Four Guide Column High Speed Precision Press
——Separated Type Clutch & Brake

豪辉高将精机
——分离式离合刹车系统





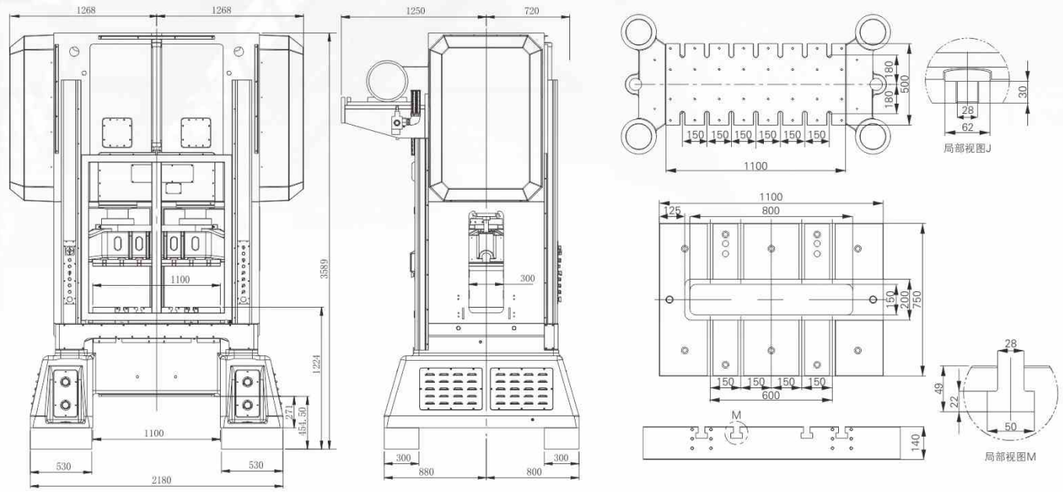
主要特点 Main Features

1. 床身采用高强度铸铁，精准控温回火后通过自然漫长时间消除工件内部应力，使床身工件性能达到最佳状态。
2. 床身机架的连接，使用机座螺栓紧固并使用油压动力，使机架结构预压，大幅提升机架刚性。
3. 强力灵敏的分离式离合器及刹车器，确保定位精密，制动灵敏。
4. 优异的动态平衡设计，将震动与噪音降到最低，并可确保模具寿命。
5. 曲轴采用NiCrMO合金钢，经过热处理、研磨等精密加工。
6. 滑块导筒与导杆间采用无间隙轴向轴承配合加长型导筒，使动、静态精度超越特级精度，亦使冲压模具寿命大幅提升。
7. 采用强制润滑冷却系统，降低机座热应变，确保冲压品质，延长机械寿命。
8. 人机界面微电脑控制，实现操作的可视化管理，产品数量，机床状态一目了然（后续将采用中央数据处理系统，一部屏幕知晓所有机床工作状态，质量，数量及其他数据）。

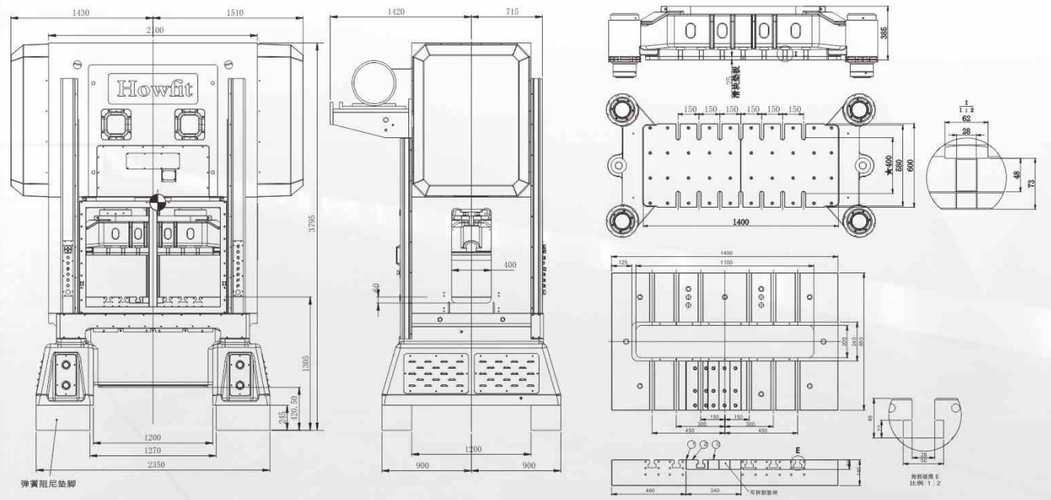
1. The frame is made of high strength cast iron, which eliminates the internal stress of the workpiece through natural long time after precise temperature control and tempering, so that the performance of the workpiece of the frame reaches the best state.
2. The connection of the bed frame is fastened by the Tie Rod and the hydraulic power is used to prepress the frame structure and greatly improve the rigidity of the frame.
3. Powerful and sensitive separation clutch and brake ensure precise positioning and sensitive braking.
4. Excellent dynamic balance design, minimize vibration and noise, and ensure the life of the die.
5. Crankshaft adopts NiCrMO alloy steel, after heat treatment, grinding and other precision machining.
6. The non-clearance axial bearing is used between the slide guide cylinder and the guide rod and match with the the extended guide cylinder, so that the dynamic and static accuracy exceeds the special grande precision, and the life of the stamping die is greatly improved.
7. Adopt the forced lubrication cooling system, reduce the heat strain of the frame, ensure the stamping quality, prolong the press life.
8. The man-machine interface is controlled by microcomputer to realize visual management of operation, product quantity and machine tool status at a clear sight (central data processing system will be adopted in the future, and one screen will know the working status, quality, quantity and other data of all machine tools).

外形尺寸 Dimension

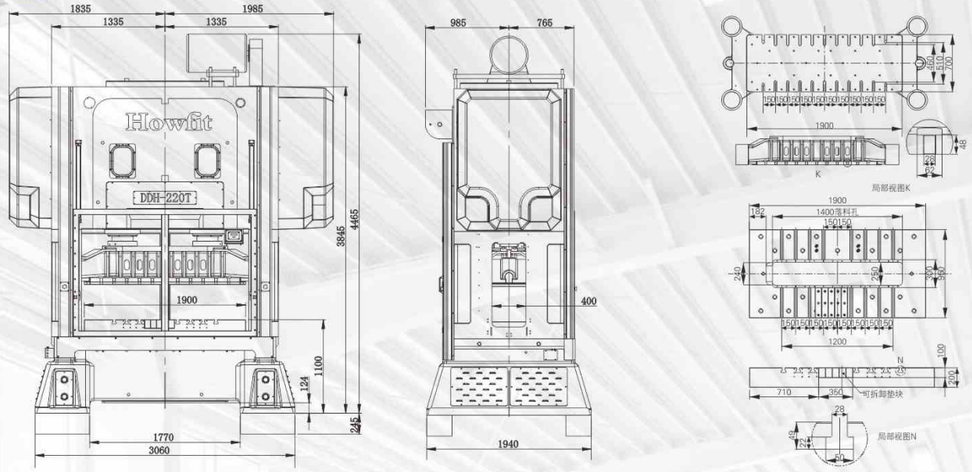
DDH-85T



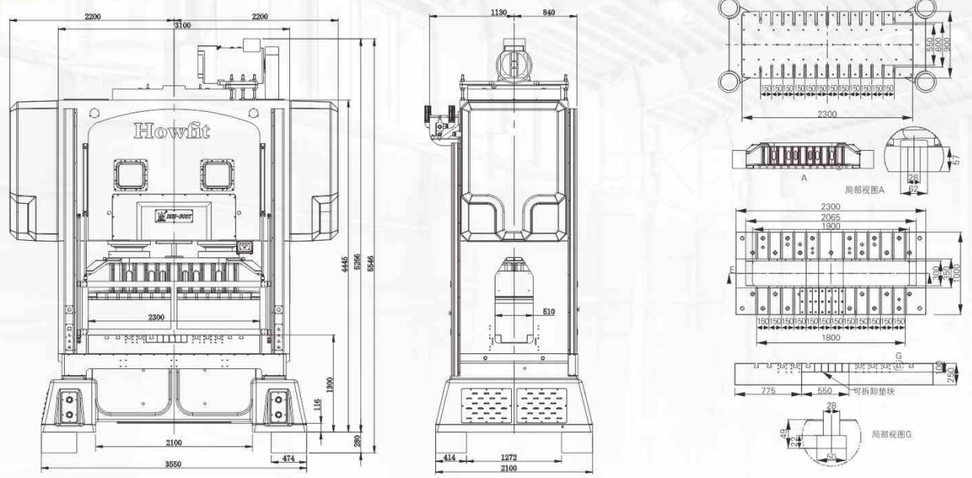
DDH-125T



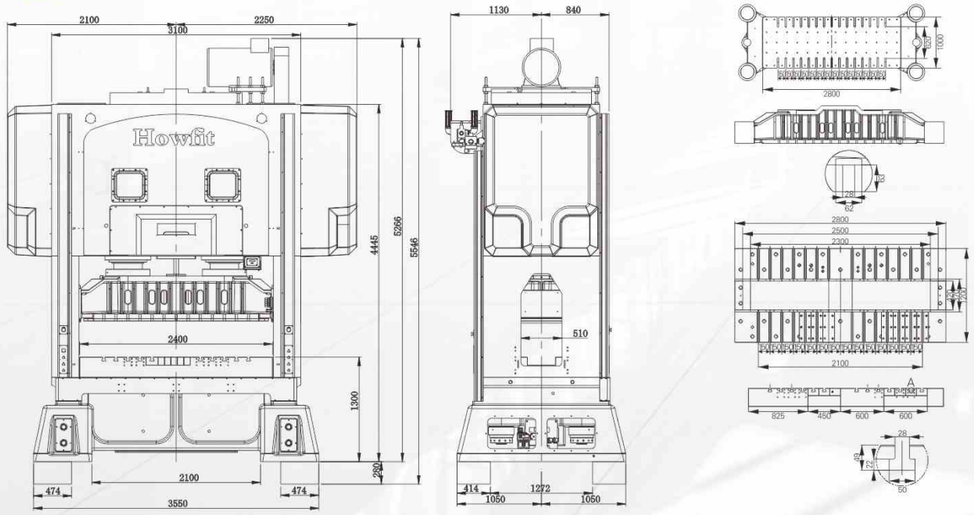
DDH-220T



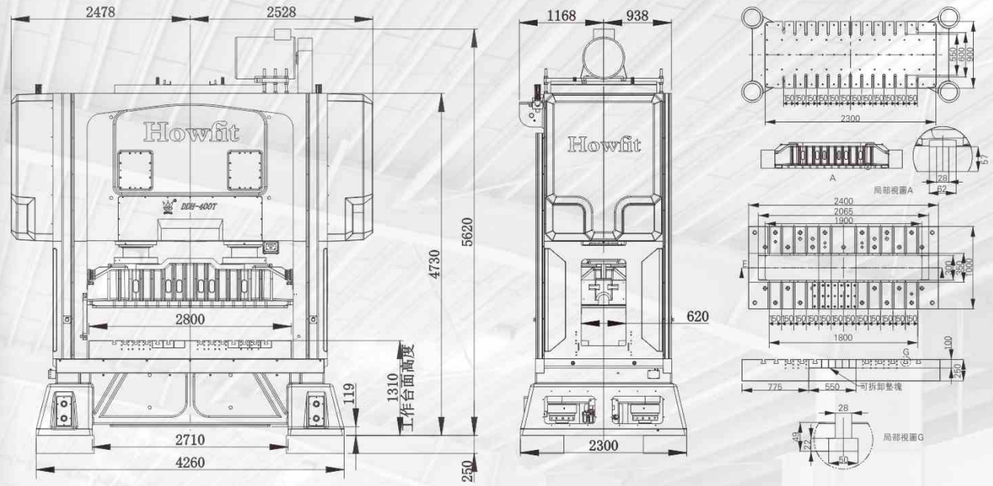
DDH-300T



DDH-360T



DDH-400T



技术参数 Main Technical Parameters

机型	Model		DDH-85T	DDH-125T
加压能力	Capacity	KN	850	1250
行程	Stroke length	MM	30	30
最高转速	Maximum SPM	SPM	500	500
最低转速	Minimum SPM	SPM	150	150
闭模高度	Die height	MM	330-380	360-410
模高调整量	Die height adjustment	MM	50	50
滑块尺寸	Slider area	MM	1100×500	1400×600
工作台尺寸	Bolster area	MM	1100×750	1400×850
底座落料孔	Bed opening	MM	950×200	1100×300
工作台落料孔	Bolster opening	MM	800×150	1100×200
主马达	Main motor	KW	22×4P	37×4P
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

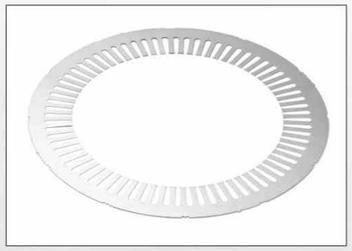
机型	Model		DDH-220T	DDH-300T
加压能力	Capacity	KN	2200	3000
行程	Stroke length	MM	30	30
最高转速	Maximum SPM	SPM	500	450
最低转速	Minimum SPM	SPM	150	100
闭模高度	Die height	MM	370-420	400-450
模高调整量	Die height adjustment	MM	50	50
滑块尺寸	Slider area	MM	1900×700	2300×900
工作台尺寸	Bolster area	MM	1900×950	2300×1000
底座落料孔	Bed opening	MM	1500×300	2000×350
工作台落料孔	Bolster opening	MM	1400×250	1900×300
主马达	Main motor	KW	45×4P	55×4P
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

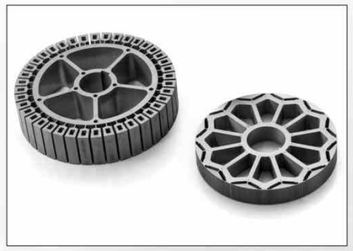
机型	Model		DDH-360T	DDH-400T
加压能力	Capacity	KN	3600	4000
行程	Stroke length	MM	30	30/40
最高转速	Maximum SPM	SPM	400	300
最低转速	Minimum SPM	SPM	100	100
闭模高度	Die height	MM	400-450	400-450
模高调整量	Die height adjustment	MM	50	50
滑块尺寸	Slider area	MM	2300×900	2800×1000
工作台尺寸	Bolster area	MM	2400×1000	2800×1200
底座落料孔	Bed opening	MM	2000×350	2400×400
工作台落料孔	Bolster opening	MM	1900×300	2300×420
主马达	Main motor	KW	75×4P	75×4P
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

DDH-550T/630T

Gantry Frame Three Plunger with Four Guide Column High Speed Precision Press
——Separated Type Clutch & Brake

豪辉高将精机
——分离式离合刹车系统





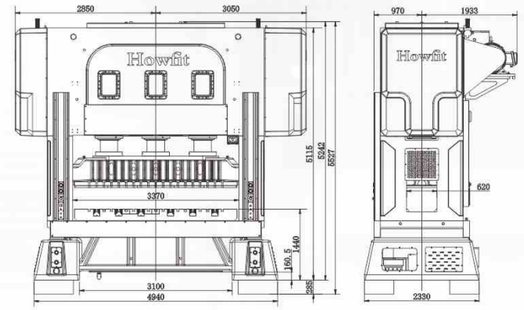
主要特点 Main Features

1. 床身采用高强度铸铁，精准控温回火后通过自然漫长时间消除工件内部应力，使床身工件性能达到最佳状态。
2. 床身机架的连接，使用机座螺栓紧固并使用油压动力，使机架结构预压，大幅提升机架刚性。
3. 强力灵敏的分离式离合器及刹车器，确保定位精密，制动灵敏。
4. 优异的动态平衡设计，将震动与噪音降到最低，并可确保模具寿命。
5. 曲轴采用NiCrMO合金钢，经过热处理、研磨等精密加工。
6. 滑块导筒与导杆间采用无间隙轴向轴承配合加长型导筒，使动、静态精度超越特级精度，亦使冲压模具寿命大幅提升。
7. 采用强制润滑冷却系统，降低机座热应变，确保冲压品质，延长机械寿命。
8. 人机界面微电脑控制，实现操作的可视化管理，产品数量，机床状态一目了然（后续将采用中央数据处理系统，一部屏幕知晓所有机床工作状态，质量，数量及其他数据）。
9. 三点式滑块结构，可确保超长台板的高刚性。

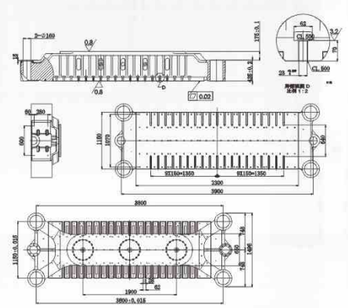
1. The frame is made of high strength cast iron, which eliminates the internal stress of the workpiece through natural long time after precise temperature control and tempering, so that the performance of the workpiece of the frame reaches the best state.
2. The connection of the bed frame is fastened by the Tie Rod and the hydraulic power is used to prepress the frame structure and greatly improve the rigidity of the frame.
3. Powerful and sensitive separation clutch and brake ensure precise positioning and sensitive braking.
4. Excellent dynamic balance design, minimize vibration and noise, and ensure the life of the die.
5. Crankshaft adopts NiCrMO alloy steel, after heat treatment, grinding and other precision machining.
6. The non-clearance axial bearing is used between the slide guide cylinder and the guide rod and match with the the extended guide cylinder, so that the dynamic and static accuracy exceeds the special grande precision, and the life of the stamping die is greatly improved.
7. Adopt the forced lubrication cooling system, reduce the heat strain of the frame, ensure the stamping quality, prolong the press life.
8. The man-machine interface is controlled by microcomputer to realize visual management of operation, product quantity and machine tool status at a clear sight (central data processing system will be adopted in the future, and one screen will know the working status, quality, quantity and other data of all machine tools).
9. Three points slide structure to make sure extra long table maintaining high rigidity.

外形尺寸 Dimension

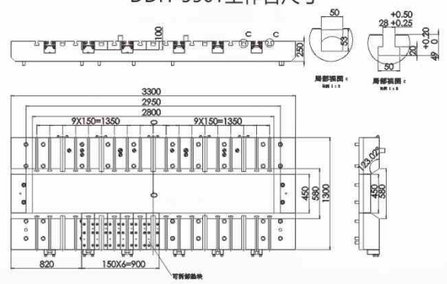
DDH-550T/630T外形尺寸



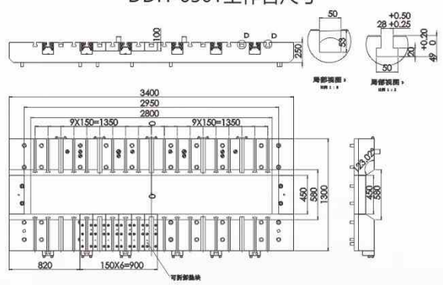
DDH-550T/630T滑块尺寸



DDH-550T工作台尺寸



DDH-630T工作台尺寸



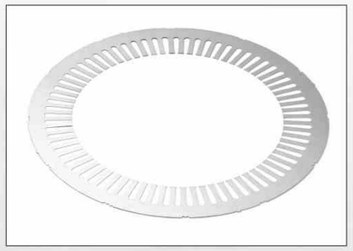
技术参数 Main Technical Parameters

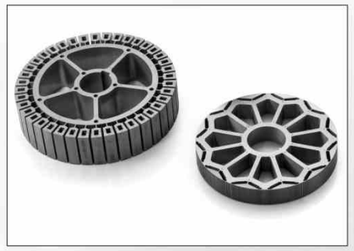
机型	Model		DDH-550T	DDH-630T
加压能力	Capacity	KN	5500	6300
行程	Stroke length	MM	30/40	30/40
最高转速	Maximum SPM	SPM	200	200
最低转速	Minimum SPM	SPM	80	80
闭模高度	Die height	MM	400-450	400-450
模高调整量	Die height adjustment	MM	50	50
滑块尺寸	Slider area	MM	3300×1150	3300×1150
工作台尺寸	Bolster area	MM	3300×1300	3400×1300
底座落料孔	Bed opening	MM	2800×400	2800×400
工作台落料孔	Bolster opening	MM	2800×450	2800×450
主马达	Main motor	KW	75×6P	90×6P
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

DDH400ZW-3700

400-Ton Center Three Guide Plunger High Speed Precision Press
——Separated Type Clutch & Brake

400吨中心三导柱八面导轨高速精密冲床
——分离式离合刹车系统





主要特点 Main Features

1. 超宽工作台
3700mm超宽工作台，能够对应更复杂的加工工艺。

2. 稳定的下死点重复精度。
在减少模具磨损,保证产品精度的同时减少下死点跳动，延长模具的使用寿命。

3. 热变位最小化
通过适用小型高速冲床领域所掌握的热控制技术，最大程度抑制热变位，从而提高产品的精度。

4. 高精密8面滑块导轨
8面滚针式滑块导轨，具有超高承载力，长导轨更能承受偏芯载荷，后期维护便利。

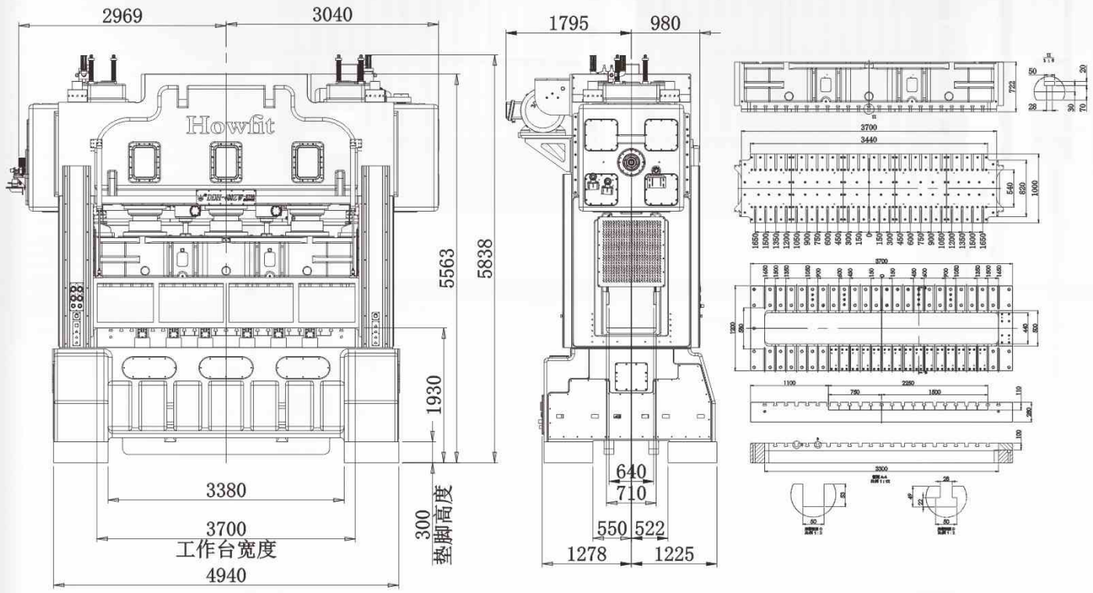
1. Extra wide table
The 3700mm ultra-wide bloster can correspond to more complex pfocessing processes.

2. Stable bottom dead centerrepeat accuracy.
Reduce mold wear,ensure product accuracy while reducing the bottom dead center beat,extend the service life of the mold.

3. Thermal variation is minimized
By applying the thermal control technology mastered in the field of small high-speed presses, the thermal displacementis suppressed to the maximum extent.Thus improve the accuracy of the product.

4. High precision 8-sided slider guide
8-sided needle roller slide guide rail, with ultra-high bearing capacity, long guide rail can withstand more eccentric load, convenient maintenance.

外形尺寸 Dimension

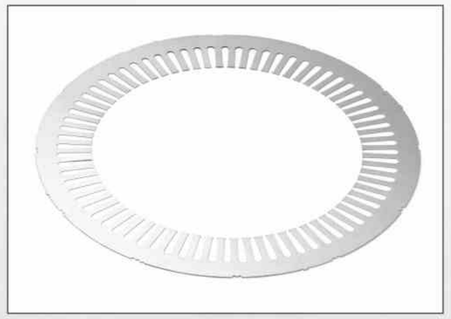


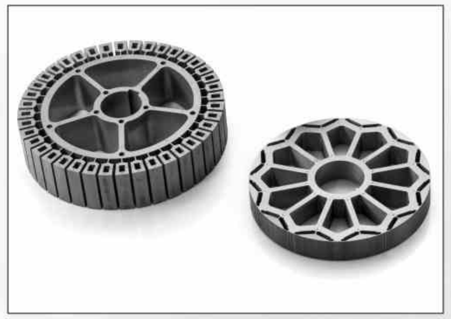
技术参数 Main Technical Parameters

机型	Model		DDH400ZW-3700
加压能力	Capacity	KN	4000
行程	Stroke length	MM	40 / 50
能力发生点	Ability occurrence point	MM	3.2
最高转速	Maximum SPM	SPM	200
最低转速	Minimum SPM	SPM	80
闭模高度	Die height	MM	500-600
模高调整量	Die height adjustment	MM	100
滑块尺寸	Slider area	MM	3700×1000
工作台尺寸	Bolster area	MM	3700×1200
落料孔	Bed opening	MM	2700×400
床身侧开口	Bolster opening	MM	640
主马达	Main motor	KW	90×6P
上模提模重量	Upper mold lifting weight	KG	3500
送料线高度	Total Weight	mm	250±50

DDH550ZW-4200

550-Ton Center Four Guide Plunger High Speed Precision Press
——Dual Motor and Dual Clutch & Brake
550吨中心四导柱八面导轨高速精密冲床
——双驱双离合系统





主要特点 Main Features

1. 超宽工作台

4200mm超宽工作台，能够对应更复杂的加工工艺。

2. 稳定的下死点重复精度

在减少模具磨损,保证产品精度的同时减少下死点跳动，延长模具的使用寿命。

3. 热变位最小化

通过适用小型高速冲床领域所掌握的热控制技术，最大程度抑制热变位，从而提高产品的精度。

4. 高精密8面滑块导轨

8面滚针式滑块导轨，具有超高承载力，长导轨更能承受偏芯载荷，后期维护便利。

1. Extra wide table

The 4200mm ultra–wide bloster can correspond to more complex pfocessing processes.

2. Stable bottom dead centerrepeat accuracy

Reduce mold wear,ensure product accuracy while reducing the bottom dead center beat,extend the service life of the mold.

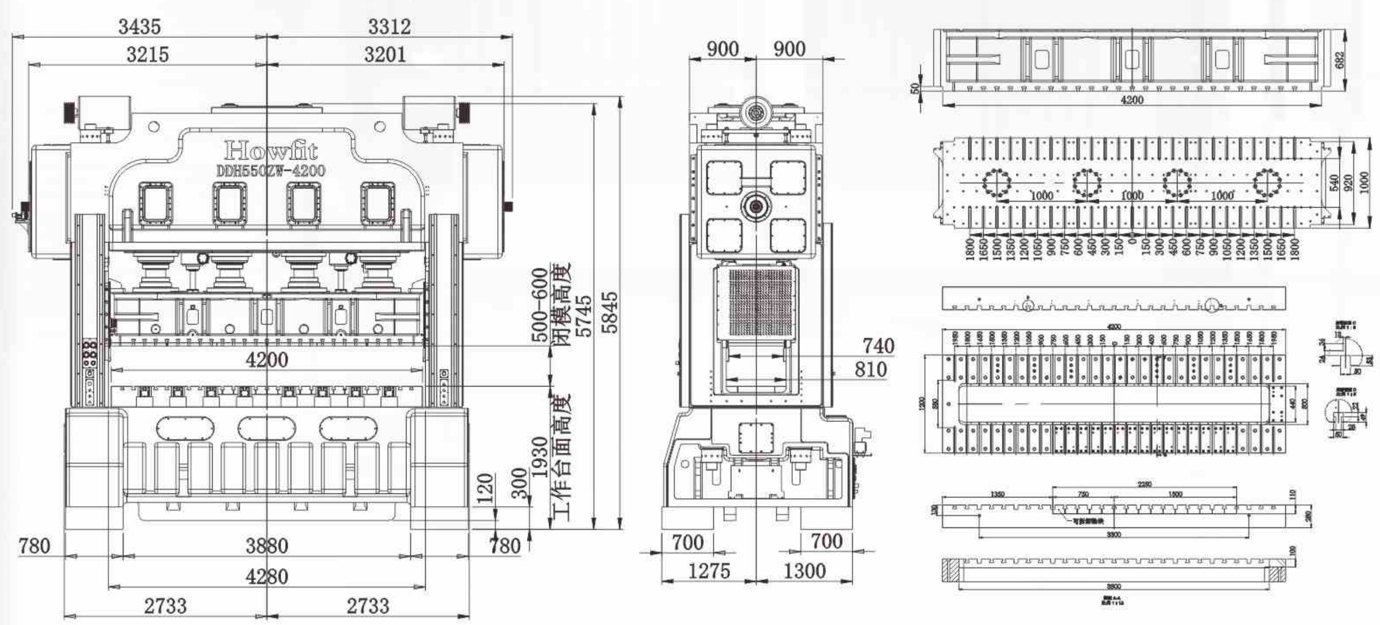
3. Thermal variation is minimized

By applying the thermal control technology mastered in the field of small high–speed presses, the thermal displacementis suppressed to the maximum extent.Thus improve the accuracy of the product.

4. High precision 8-sided slider guide

8–sided needle roller slide guide rail, with ultra–high bearing capacity,long guide rail can withstand more eccentric load, convenient maintenance.

外形尺寸 Dimension



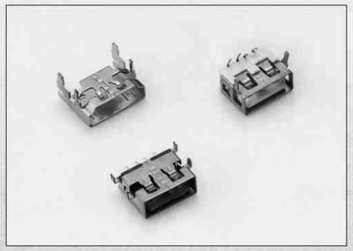
技术参数 Main Technical Parameters

机型	Model		DDH550ZW-4200
加压能力	Capacity	KN	5500
行程	Stroke length	MM	50
能力发生点	Ability occurrence point	MM	3.2
最高转速	Maximum SPM	SPM	200
最低转速	Minimum SPM	SPM	80
闭模高度	Die height	MM	500-600
模高调整量	Die height adjustment	MM	100
滑块尺寸	Slider area	MM	4200×1000
工作台尺寸	Bolster area	MM	4200×1300
落料孔	Bed opening	MM	3800×500
床身侧开口	Bolster opening	MM	740
主马达	Main motor	KW	45×6P 2台
上模提模重量	Upper mold lifting weight	KG	4000
送料线高度	Total Weight	MM	350±50

HC-16T/25T/45T/65T /65TW/80T

C-type Single Plunger with Two Guide Column High Speed Precision Press

C型三圆导柱高速精密冲床



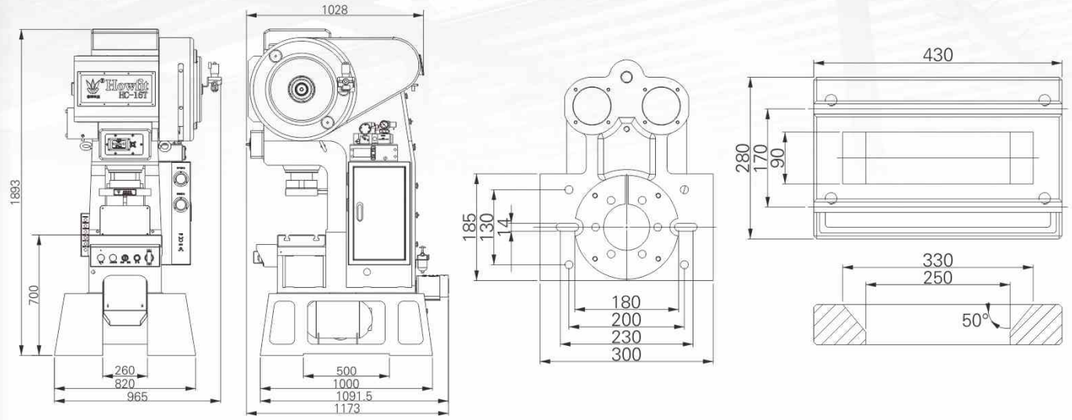
主要特点 Main Features

1. 床身采用高强度铸铁，经内部应力消除，使材质稳定、精度不变、最适合连续冲压生产。
2. 双导柱、一中心柱结构，采用加入特殊合金的铜套取代传统的滑板结构，使动摩擦减至最低，配合了强制润滑使热变形减到最小而精度达到最高。
3. 可选配反侧动平衡装置减低震动，使冲床拥有最佳的精度和稳定性。
4. 调模配合模高显示器及油压锁固装置，方便调模操作。
5. 人机界面微电脑控制,数值、故障监控系统银幕显示操作方便。
6. 采用电动调模结构，配合模高指示器，方便模高调整。

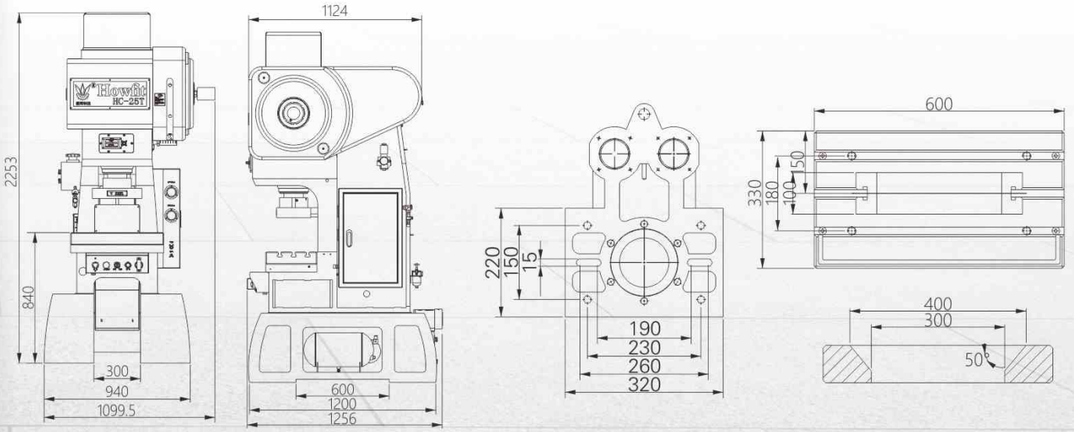
1. Manufactured from high tensile cast iron, stress relieved for maximum rigidity and long termaccuracy. It's the best for continuous production.
2. Double pillars and one plunger guide structure, manufactured from copper bush instead of traditional board for minimize friction. Work with forced lubrication to minimize thermal strainlife of the frame, upgrade stamping quality and extend service life of the machine.
3. Balancer device for optional to reduce vibration, make press more precision and stable.
4. It's more convenient to adjust the die with the die height indicator and the hydraulic locking device.
5. HMI is controlled by microcomputer. Display value and fault monitoring system. It is easy to operate.
6. Adopt die height adjustment motor, with die height indicator, easy to adjust the die height.

外形尺寸 Dimension

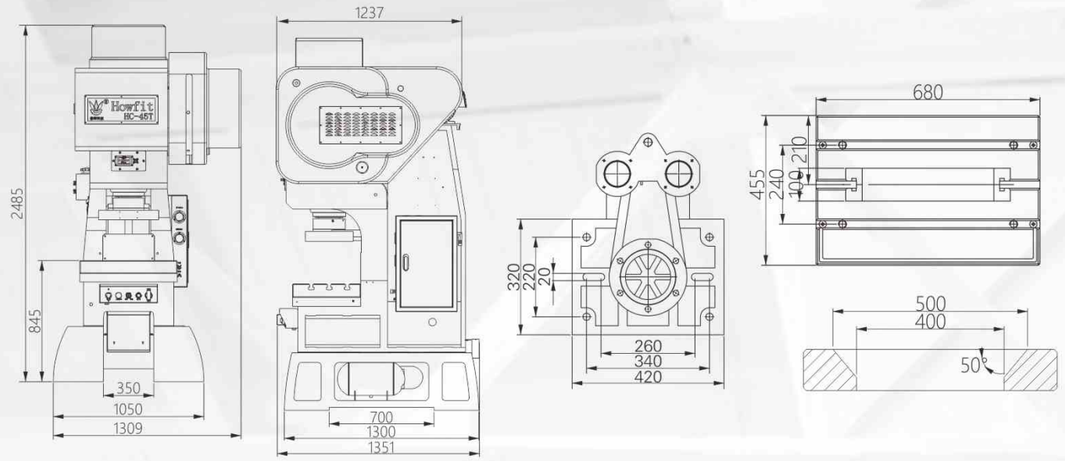
HC-16T



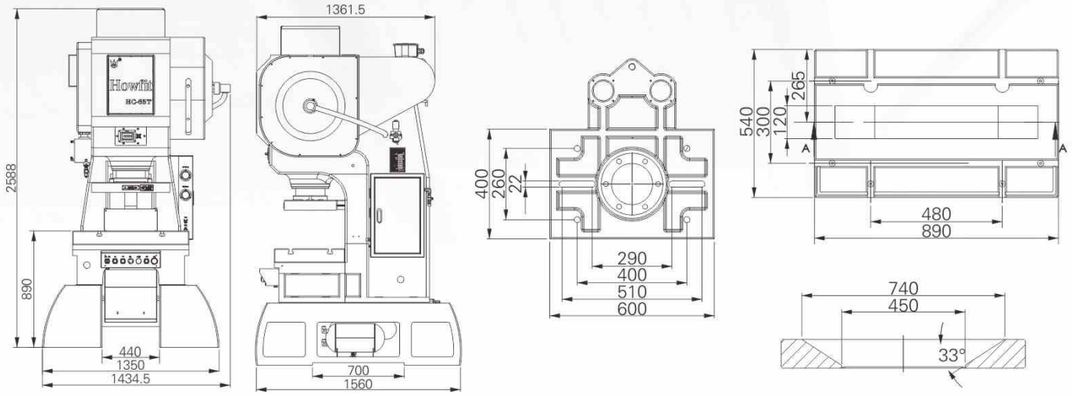
HC-25T



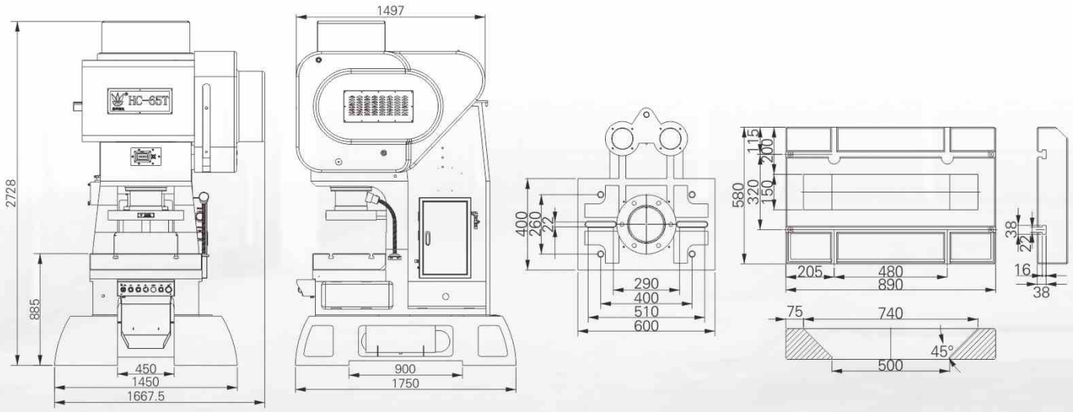
HC-45T



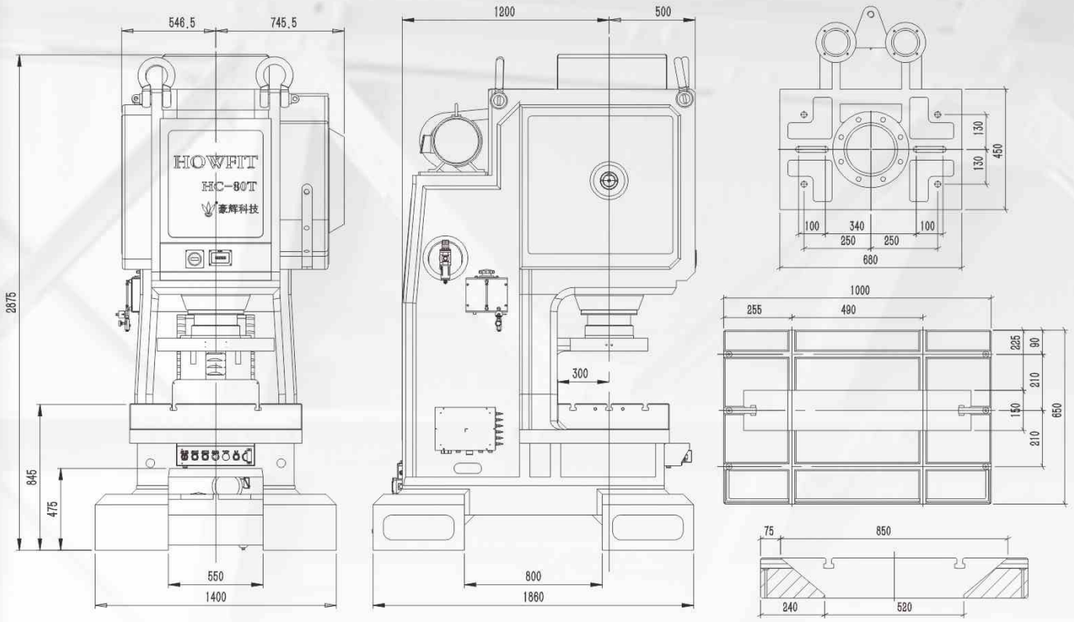
HC-65T



HC-65TW



HC-80T



技术参数 Main Technical Parameters

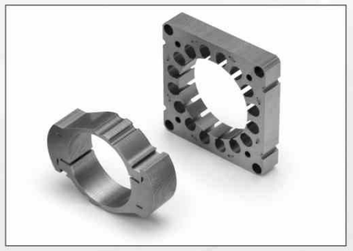
机型	Model		HC-16T			HC-25T			HC-45T		
加压能力	Capacity	KN	160			250			450		
行程	Stroke length	MM	20	25	30	20	30	40	30	40	50
最高转速	Maximum SPM	SPM	800	700	600	700	600	500	700	600	500
最低转速	Minimum SPM	SPM	200	200	200	200	200	200	200	200	200
闭模高度	Die height	MM	185-215	183-213	180-210	185-215	180-210	175-205	210-240	205-235	200-230
模高调整量	Die height adjustment	MM	30			30			30		
滑块尺寸	Slider area	MM	300×185			320×220			420×320		
工作台尺寸	Bolster area	MM	430×280×70			600×330×80			680×455×90		
工作台落料孔	Bolster opening	MM	90×330			100×400			100×500		
主马达	Main motor	KW	4.0kw×4P			4.0kw×4P			5.5kw×4P		
精度	Accuracy		JIS特级 / JIS Special grade			JIS特级 / JIS Special grade			JIS特级 / JIS Special grade		

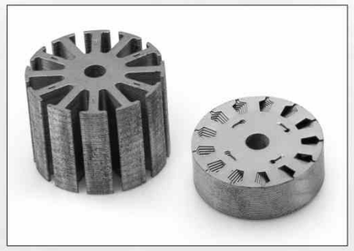
机型	Model		HC-65T			HC-65TW			HC-80		
加压能力	Capacity	KN	650			650			800		
行程	Stroke length	MM	30	40	50	30	40	50	30	40	50
最高转速	Maximum SPM	SPM	700	600	500	600	550	500	500	400	350
最低转速	Minimum SPM	SPM	200	200	200	200	200	200	200	200	200
闭模高度	Die height	MM	215-265	210-260	205-255	215-265	210-260	205-255	250-300	245-295	240-290
模高调整量	Die height adjustment	MM	50			50			50		
滑块尺寸	Slider area	MM	600×400			600×400			680×450		
工作台尺寸	Bolster area	MM	890×540×105			890×580×130			1000×650×130		
工作台落料孔	Bolster opening	MM	120×740			150×740			150×820		
主马达	Main motor	KW	11kw×4P			11kw×4P			18.5kw×4P		
精度	Accuracy		JIS特级 / JIS Special grade			JIS特级 / JIS Special grade			JIS特级 / JIS Special grade		

HHC-65T/85T

C-type Single Plunger with Four Guide Column High Speed Precision Press

C型五圆导柱高速精密冲床



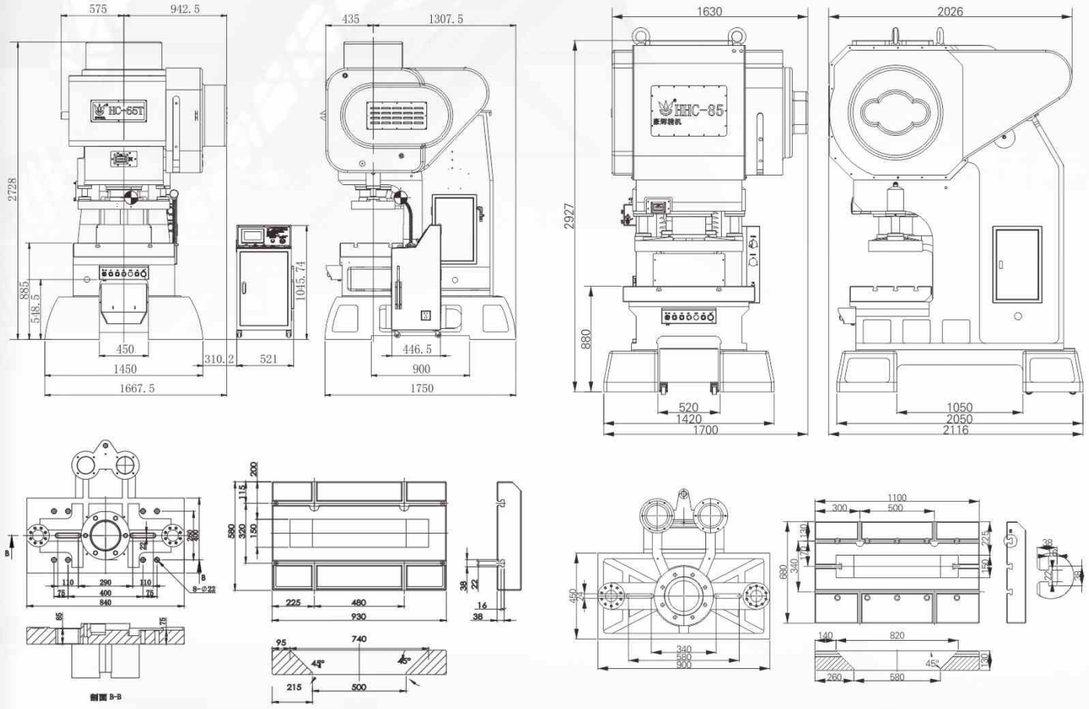


主要特点 Main Features

1. 床身采用高强度铸铁，经内部应力消除，使材质稳定、精度不变、最适合连续冲压生产。
2. 在传统滑块结构上增加滑块两侧固定导柱，使滑块抗偏载能力更好，减少单边磨损，适合长工序大模具使用。
3. 调模配合模高显示器及油压锁固装置，方便调模操作。
4. 人机界面微电脑控制,数值、故障监控系统银幕显示操作方便。
5. 采用电动调模结构，配合模高指示器，方便模高调整。

1. The bed is made of high strength cast iron with internal stress relief, which makes the material stable and accuracy unchanged and most suitable for continuous stamping production.
2. The fixed guide pillars on both sides of the slider are added to the traditional slider structure to make the slider have better resistance to deflection load and reduce the wear on one side, which is suitable for the use of large dies in long processes.
3. The die adjustment is equipped with die height display and hydraulic locking device, which is convenient for die adjustment operation.
4. Human–machine interface microcomputer control, value, fault monitoring system screen display for easy operation.
5. Adopt die height adjustment motor, with die height indicator,easy to adjust the die height.

外形尺寸 Dimension



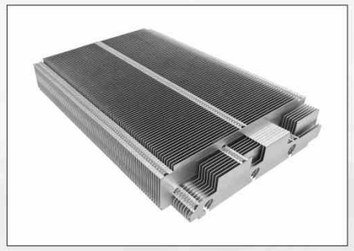
技术参数 Main Technical Parameters

机型	Model		HHC-65T			HHC-85T		
加压能力	Capacity	KN	850			850		
行程	Stroke length	MM	30	40	50	30	40	50
最高转速	Maximum SPM	SPM	600	550	500	600	550	500
最低转速	Minimum SPM	SPM	200	200	200	200	200	200
闭模高度	Die height	MM	215-265	210-260	205-255	315-365	310-360	305-355
模高调整量	Die height adjustment	MM	50			50		
滑块尺寸	Slider area	MM	840×400			900×450		
工作台尺寸	Bolster area	MM	930×580×130			1100×680×130		
工作台落料孔	Bolster opening	MM	150×740			150×820		
主马达	Main motor	KW	11.5kw×4P			18.5kw×4P		
精度	Accuracy		JIS特级 / JIS Special grade			JIS特级 / JIS Special grade		

HCW-65E/85E

C-type Dual Plunger with Two Guide Column High Speed Precision Press

C型双中心导柱高速精密冲床

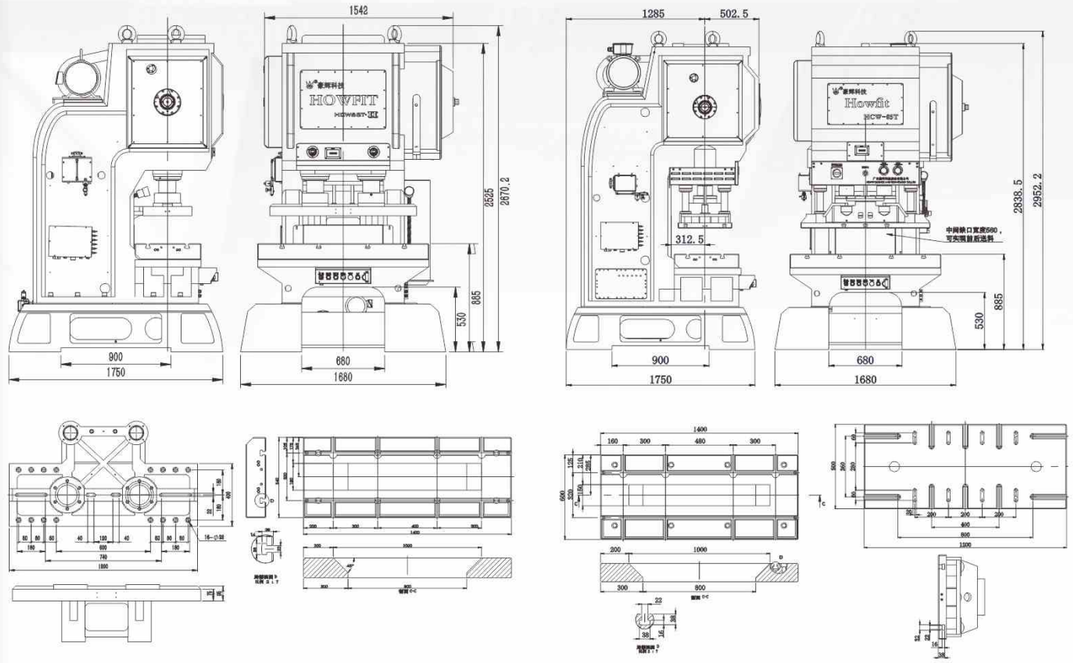


主要特点 Main Features

1. 床身采用高强度铸铁，经内部应力消除，使材质稳定、 精度不变、最适合连续冲压生产。
2. 双中心导柱结构，采用加入特殊合金的铜套取代传统的滑板结构，使动摩擦减至最低，配合了强制润滑使热变形减到最小而精度达到最高。
3. 可选配反侧动平衡装置减低震动，使冲床拥有最佳的精度和稳定性。
4. 调模配合模高显示器及油压锁固装置，方便调模操作。
5. 人机界面微电脑控制,数值、故障监控系统银幕显示操作方便。
6. 采用电动调模结构，配合模高指示器，方便模高调整。

1. Manufactured from high tensile cast iron, stress relieved for maximum rigidity and long termaccuracy. It's the best for continuous production.
2. Double–center guide structure, manufactured from copper bush instead of traditional board for minimize friction.Work with forced lubrication to minimize thermal strainlife of the frame, upgrade stamping quality and extend service life of the machine.
3. Balancer device for optional to reduce vibration, make press more precision and stable.
4. It's more convenient to adjust the die with the die height indicator and the hydraulic locking device.
5. HMI is controlled by microcomputer. Display value and fault monitoring system. It is easy to operate.
6. Adopt die height adjustment motor, with die height indicator, easy to adjust the die height.

外形尺寸 Dimension



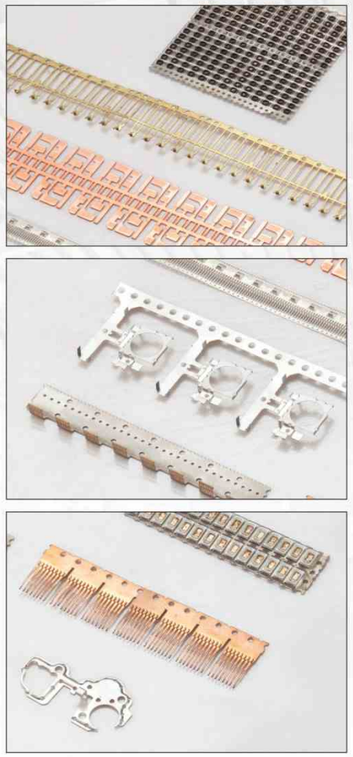
技术参数 Main Technical Parameters

机型	Model		HCW-65E			HCW-85E		
加压能力	Capacity	KN	650			850		
行程	Stroke length	MM	40	50	60	30	40	50
最高转速	Maximum SPM	SPM	350	300	280	400	350	300
最低转速	Minimum SPM	SPM	180	180	180	200	200	200
闭模高度	Die height	MM	230-280	225-275	220-270	375-425	370-420	365-415
模高调整量	Die height adjustment	MM	50			50		
滑块尺寸	Slider area	MM	1200×400			1200×500		
工作台尺寸	Bolster area	MM	1400×540×130			1400×600×130		
工作台落料孔	Bolster opening	MM	180×1000			150×1000		
主马达	Main motor	KW	11kw×6P			18.5kw×4P		
精度	Accuracy		JIS特级 / JIS Special grade			JIS特级 / JIS Special grade		

HSF-1T/3T/5T/10T 15T/OAM-30T

High Speed Precision Mini Type Servo Press

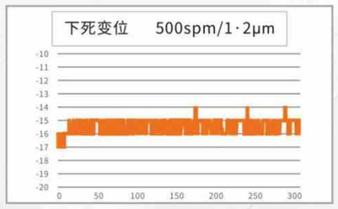
高速精密小型伺服冲压机

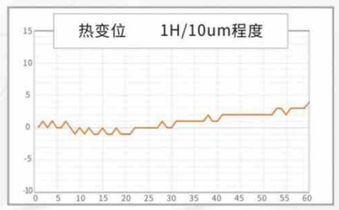


高精度与稳定性 High precision and stability

优化机械结构，提升冲压稳定性。伺服电机直接驱动，精度可达±0.005mm，适合微米级精密冲压。

Optimize the mechanical structure to enhance the stamping stability. The servo motor is directly driven,with an accuracy of ±0.005mm, suitable for micro-level precision stamping.





结构轻量化 Lightweight structure

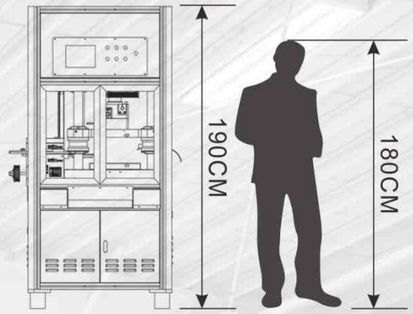
高强度铝合金框架与模块化设计，紧凑型布局缩减30%占地面积，满足常规二楼或二楼以上厂房1.5-3吨/m^2的荷载要求。

The high-strength aluminum alloy frame and modular design, compact layout reduces floor space by 30%, meeting the load requirements of 1.5–3 tons per square meter for conventional second-floor or above factory buildings.

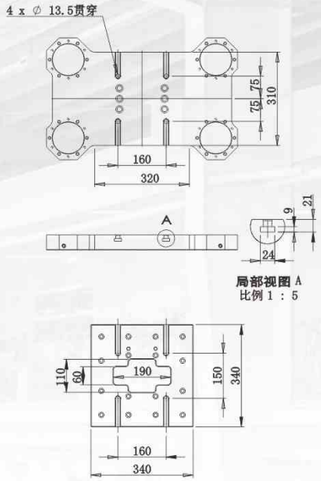
定制服务 Customized service

我们支持定制服务，可为您提供一站式金属成形解决方案，全方位满足您的生产需求。

We offer customized services, providing you with a one-stop metal forming solution to fully meet your production requirements.



外形尺寸 Dimension



机型	Model		HSF-1T	HSF-3T	HSF-5T
加压能力	Capacity	KN	10	30	50
行程	Stroke length	MM	5–20	5–20	5–25
最高转速	Maximum SPM	SPM	600	500	500
最低转速	Minimum SPM	SPM	5	5	5
闭模高度	Die height	MM	145–160	145–160	150–200
模高调整量	Die height adjustment	MM	15	15	50
滑块尺寸	Slider area	MM	150W × 150D	220W × 200D	340W × 310D
工作台尺寸	Bolster area	MM	150W × 150D	220W × 200D	310W × 310D
底座落料孔	Bed opening	MM	80W × 80D	150W × 80D	200W × 80D
主马达	Main motor	KW	2.2	4	5
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

机型	Model		HSF-10T	HSF-15T	下拉式 OAM-30T(气动式)
加压能力	Capacity	KN	100	150	300
行程	Stroke length	MM	5–25	5–25	10–30
最高转速	Maximum SPM	SPM	500	500	550
最低转速	Minimum SPM	SPM	5	30	150
闭模高度	Die height	MM	145–160	190–210	190–220
模高调整量	Die height adjustment	MM	15	20	30
滑块尺寸	Slider area	MM	320W × 310D	500W × 360D	500W × 380D
工作台尺寸	Bolster area	MM	370W × 350D	520W × 400D	500W × 490D
底座落料孔	Bed opening	MM	200W × 80D	420W × 100D	300W × 100D
主马达	Main motor	KW	7.5	11	4
精度	Accuracy		JIS特级 / JIS Special grade	JIS特级 / JIS Special grade	JIS特级 / JIS Special grade

送料周边 Feeding Parameter