TSD

TIANSHUI METALFORGING MACHINE TOOL (GROUP) CO. LTD.

天水锻压机床（集团）有限公司

TSD

Tianshui Metalforming Machine Tool (Group) Co.,Ltd.

Address: North Weibin Road, Maiji, Tianshui, Gansu, China

TEL:+86-938-2621183

FAX:+86-938-2615085

E-MAIL: HUJIE2300@163.COM

POSTCODE:741020

Http : //www.ahtsd.com

企业简介
Enterprise introduction

ENTERPRISE INTRODUCTION





天水锻压机床安徽压力机有限公司位于中国楚汉文化名城马鞍山。

公司落成于2011年，是天水锻压机床（集团）有限公司（以下简称集团总公司）与安徽五洋机床制造有限公司合资建成，所有技术人才都由天水集团总公司派驻，天水集团总公司属国家"三线"搬迁企业，是专业生产大、中型锻压机械设备的重点骨干企业，至今已有四十年的历史，是国家大型二档企业，是为国内外用户提供板材和型材剪切、弯曲、校平整型及冲压设备品种最多、规格最全的生产厂家。现有工程技术人员190人，中高级以上专业技术人员119人，省级科研专家和学术带头人15人，国家级专家2人。公司通过了ISO9000质量管理体系认证、HSH/OHS/EMS健康、安全与环境三合一管理体系认证。

集团总公司主要致力于剪板机、折弯机、液压机和其它锻压机床的研制，尤其擅长大型剪板机、折弯机的制造。产品有五大类（剪切机床、弯曲校正机床、液压机床、大口直径缝埋弧焊管设备、其它机床及钢结构件），两个系列，四十五种规格。天水锻压机床集团安徽压力机有限公司秉承总厂的人才技术优势并致力于研制生产各种型号液压机，其中刚刚建厂不到一年已经独立生产并出口多台液压机。

我公司为适应国家“技术与地域结合”“建设需要，在液压机安全智能开发研制上加大科研力度、取得了非凡的成果。

我公司产品以"TSD"商标注册，年生产能力为1000多台（套），总产值3亿元。

我公司现有员工200余人，其中高、中级以上工程技术人员近50人。占地面积约1.5万平方米，其中生产建筑面积近0.8万平方米。主要生产设备50多台（套），拥有大型、精密设备10多台（套），加工制造能力处于领先地位。

公司产品主要有多功能液压机，三梁四柱液压机，龙门液压机，双柱液压机，快速液压机，剪板机，冲床，折弯机等!

公司设计及管理全部实现计算机网络化，采用CAD、CAPP计算机辅助设计，有专业高级工程师等技术人员从事新产品及各种专机的研发，并不断吸纳社会各界精英人才，以使公司在技术上始终保持与国际接轨国内领先的技术优势。

公司始终坚持以质量第一、服务第一、诚信第一的企业宗旨。公司与多家国有大型企业、独资合资及民营企业服务配套油压机几十台，深受用户欢迎。本公司在重视产品设计及生产质量的同时，更重视产品的售后服务，出厂的每台产品均“三包”一年。并以“诚”“信”“快”“优”为宗旨，以优惠的价格，周全的服务为用户提供优质的产品。立足当前，着眼未来，坚持以人为本，诚信至上，坚持高起点、高标准的战略思想，依法经营，利益共享的经营理念，视质量为生命，视客户为上帝，竖形象、讲信誉，愿与各界朋友携手共进，共创美好明天！

想您所想，做您所需！

Tianshui Metalforming machine tool anhui press co., LTD. Is located in the chu han cultural city ma an shan.
The company was founded in 2011, is a tianshui forging machine tool （group） co., LTD. (after referred to as the Group corporation) and anhui WuYang machine manufacturing co., LTD. Is a joint venture built, all technical talents are made by tianshui group head office stationed, tianshui group corporation which belongs to the national "three line" move enterprises, is specialized in the production of large and medium-sized forging mechanical equipment, has been 40 years of history, is the national large-scale 2 enterprises, for the domestic and foreign users provide shearing machine, bending machine, adjusting flat type and stamping equipment with all varieties and the most complete specifications of the manufacturers. The existing engineering and technical personnel 190 people, senior professional and technical personnel more than 119 people, provincial scientific research experts and academic leaders 15 people, national expert 2 people. The company passed ISO9000 quality management system certification, HSH/OHS/EMS health, safety and environmental triad management system certification.

Group company mainly devotes to the shearing machine, bending machine, hydraulic press and other forging machine tool development, especially good at large plate shearing machine, bending machine manufacturing. Products are five categories (shear machine, bending , adjusting machines, hydraulic machine, big diameter seam submerged arc welding pipe equipment, other machine tools and steel structure parts), 2 series and 45 types. Tianshui forging machine tool group anhui press co., LTD., adhering to advantage of the talent technical and is committed to the development and production of various models hydraulic press, of which the factory just less than one year have independent production and export many sets of hydraulic press.
Our company to adapt to the national "technology and regional combination" "construction need, increasing the hydraulic press security and intelligence development research and achieved remarkable results.

Our company's products to "TSD" trademark registration, annual production capacity of more than 1000 sets, output value 300 million yuan.
My company existing staff more than 200 people, including high, intermediate ,engineering and technical personnel 50 people. Covers an area of about 15000 square meters, including production building area of nearly 8000 square meters. The main production equipment more than 50 sets, with a large, precision equipment more than 10 sets, processing and manufacturing ability is in the lead in china.
The company now has large landing boring and milling machine, heavy lathe, milling machine planer and other equipment, advanced process equipment use for manufacturing various kinds of hydraulic press . The major products are multi-function hydraulic press, three beam four column hydraulic press, gantry hydraulic press, double column hydraulic press, fast hydraulic press, shearing machine, forging machine tool. Punching machine, and so on.
The company design and management all computer network, using CAD, CAPP computer aided design, have the professional senior engineer, technical staff engaged in new products and various kinds of machine tool special research and development, and constantly absorbing the talent from all walks of life elite in order to make the company always stay with international connection domestic leading and superiority in technology .

The company always adhere to the quality first, service first, the good faith first for enterprise purpose. The company has offered several large state-owned enterprises, joint ventures and wholly owned private enterprise dozens of hydraulic press and also welcomed by users. The company attaches importance to product design and production quality at the same time, pay more attention to product after-sales service, the factory per products are "3 packets" a year. And with "honesty" and "integrity" "fast" "optimal" for the purpose, with preferential price, comprehensive services to provide users with high-quality products. Based on the current, look forward to the future, adhere to the people-oriented, good faith first, adhere to a high starting point, high standards of strategic thinking and manage according to the law, benefit sharing business philosophy, depending on the quality as life, regarding customers as god, created visualize, credibility, and all the friends willing to work together to create a better tomorrow!

Consider you think, do your needs

企业荣誉
Enterprise Honors

HONORS





























覆盖全国的销售网路

The sales network

完善的服务体系

Improve the service system



售前服务



售中服务



售后服务



精良装备 品质为先

以“持续改革、力求完美、追求客户满意”为方针的质量管理体系，使公司的质量管理工作在各方面日趋完善。





















生产设备与重型装配车间

“工欲善其事，必先利其器”企业一流的生产设备，严密的生产组织管理体系将各生产资源进行优化配置，使我们高端的生产设备物尽其事，使我们的产品品质更加完善……













实力的体现，服务的前提
TIANSHUI METALFORGING

SERIES

Y27 系列

单动薄板拉伸液压机

Single Action Sheet Drawing Hydraulic Press Main Technical Parameters



可选配件 / Optional

- 冲载缓冲装置 •cutting dampening system
- 移动工作台 •moving table
- 油加热或冷却装置 •Light curtain safety device •Oil heating/cooling unit
- 位移传感装置 •Die protection unit •Displacement sensor
- 触摸式工业显示屏 •Die exchange cart •Industrial touting screen monitor
- 模具快速夹紧机构 •Floating guide-way and rolling bracket for die exchange
- 滑块锁紧机构 •Working area lighting
- 滑块比例调速装置 •Power socket •Hydraulic driving system upon upper platform
- 光幕安全保护装置 •Quick die clamping device
- 进口PLC •Imported PLC •Slide upper locking devic

性能特点 / Features

1、本机的控制系统设有调整、手动、半自动，工艺方式分为一般工艺动作及拉伸工艺动作。
2、四柱结构简单、经济、实用；框架式结构刚性好、精度高、抗偏载能力强。
3、液压控制采用了整体式插装阀集成系统，减少了泄露点，动作可靠，使用寿命长。
4、采用PLC控制的电气系统结构紧凑，工作灵敏、可靠、柔性好。
5、工作压力、行程可在规定范围内按工艺要求调节，操作简便。
6、通过操作面板选择，不仅可以实现定程、定压两种成型工艺，而且可实现有垫、无垫、顶出三种工艺操作循环。

1. It control system has adjustment, manual, semiautomatic, process is divided into general process action and tensile process action.
2.The four column tye press featuring compact arrangement and high price performance ratio;straight side structure press is with high rigidity and precision , also eccentric load resistance performance.
3.Cartridge valve integrated unit equipped in hydraulic control system , with high reliability , durability .Oil leakage is avoided by means of proper piping and minimum hydraulic impact design.
4.Electrical system controlled by imported PLC unit , with the features of compact , sensitivity ,reliability and flexibility ,reliable actions and easy maintenance are the features of the system based on relay control.
5.Stroke and pressure can be adjusted within specific scope.
6.Various actions such as Preset Stroke Forming or Preset Pressure .forming process ,cushion actions including rest, ejection or blank holing can be selected on control panel.

适用领域 / Application Fields

本机主要用于薄板件的拉伸、弯曲、成型等工艺。
分别适用于以下领域：
1、车身零部件、制动片、油箱、底盘、桥壳、保险杠；
2、家用电器：洗衣机零件、电饭锅零件、冰箱零件等；
3、厨房用具：洗涤槽、壶具、不锈钢用具、其他各种容器；
4、其它：农用机械、摩托车、航天航空。

This machine is mainly used for sheet drawing bending and forming. it applicable to the following fields:
1.car body parts, brake piece, oil tank, chassis, bridge shell, bumper,
2. household electric appliance: washing machine parts, electric rice cooker parts, refrigerator parts, etc.;
3.kitchen utensils: washing tank, pot of equipment, stainless steel utensils, various other containers;
4. others: agricultural implement and machinery, motorcycle, aerospace.

技术参数 / Technical Parameters

项目 Item		单位 Unit	Y27-200	Y27-250	Y27-315	Y27-400	Y27-400A	Y27-500	Y27-500A	Y27-500B	Y27-630	Y27-630A
公称力 Nominal force		KN	2000	2500	3150	4000	4000	5000	5000	2500×2	6300	3150×2
回程力 Return force		KN	240	400	600	500	500	900	900	400	850	600×2
工作压力 Working pressure		Mpa	25	25	25	25	25	25	25	25	25	25
液压垫力 Cushion pressure		KN	400	400	630	1000	1000	1600	2000	1000	2500	1250×2
液压垫回程力 Cushion return force		KN	250	320	360	360	360	780	780	320×2	720	360×2
滑块开口高度 Daylight of slide		mm	1120	1120	1250	1250	1250	1500	1500	1500	1500	1500
行程 Stroke	上滑块 Upper slide	mm	710	710	800	800	800	900	900	900	900	900
	液压垫 Cushion	mm	250	250	300	300	300	350	350	350	350	350
工作台尺寸 Table size	左右 L-R	mm	1000	1100	1260	1250	1750	1400	2200	2200	1600	2500
	前后 F-B	mm	940	1000	1160	1250	1250	1400	1600	1600	1600	1800
液压垫尺寸 Cushion size	左右 L-R	mm	660	700	820	820	1270	970	1720	1720	1120	2020
	前后 F-B	mm	600	600	700	820	820	900	1120	1120	1120	1270
滑块速度 Speed of slide	空程下行 descent	mm/s	150	130	100	130	130	120	150	150	130	140
	工作 Pressing	mm/s	5-12	7-15	5-12	4-10	4-10	7-15	7-15	7-15	5-12	5-12
	回程 Return	mm/s	95	90	60	70	70	80	90	90	85	85
工作台距地面高度 Table hight above floor		mm	700	700	600	600	600	550	550	550	500	500
机器外形尺寸 Overall dimensions	左右 L-R	mm	3100	3250	3100	3150	3700	5800	6600	6600	4150	5100
	前后 F-B	mm	1350	1350	2100	2300	2300	2600	2600	2600	2600	2600
电动机总功率 Motor power		KW	15	22	22	22	22	2×22	2×22	2×22	2×22	2×22

项目 Item		单位 Unit	Y27-800	Y27-800A	Y27-1000	Y27-1000A	Y27-1250	Y27-1600	Y27-2000	Y27-2500	Y27-3000
公称力 Nominal force		KN	8000	8000	10000	10000	12500	16000	20000	25000	30000
回程力 Return force		KN	900	900	1250	1250	1250	2000	2000	2250	2250
工作压力 Working pressure		Mpa	25	25	25	25	25	25	25	25	25
液压垫力 Cushion pressure		KN	1000	1000	1600	1600	1600	2400	2400	3000	3000
液压垫回程力 Cushion return force		KN	3000	3000	5000	5000	5000	5000	2500	800	1000
滑块开口高度 Daylight of slide		mm	1800	1800	1800	2200	1800	2000	2100	2000	2500
行程 Stroke	上滑块 Upper slide	mm	1200	1200	1000	1500	1000	1200	1300	1100	1600
	液压垫 Cushion	mm	400	400	365	500	400	400	350	400	400
工作台尺寸 Table size	左右 L-R	mm	3200	3200	3200	4000	4000	4000	4500	4500	4500
	前后 F-B	mm	2200	2200	2300	2300	2500	2500	2500	2500	2500
液压垫尺寸 Cushion size	左右 L-R	mm	2550	2550	2550	3500	3370	3820	3750	3820	3820
	前后 F-B	mm	1700	1700	1800	1800	1870	1870	1800	1700	1600
滑块速度 Speed of slide	空程下行 Descent	mm/s	300	300	300	300	350	350	350	350	350
	工作 Pressing	mm/s	8-22	8-22	12-30	12-30	12-30	12-30	12-30	12-30	12-30
	回程 Return	mm/s	200	200	250	250	300	300	300	300	300
工作台距地面高度 Table hight above floor		mm	500	720	900	400	400	400	350	350	350
机器外形尺寸 Overall dimensions	左右 L-R	mm	5400	5400	5400	6200	6200	6200	6700	6700	6700
	前后 F-B	mm	2900	5000	3000	5200	3200	3200	3300	3300	3300
电动机总功率 Motor power		KW	96	105	160	160	160	200	380	410	500

样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。
The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.

SERIES

Y28 系列

双动薄板拉伸液压机

Double-action Hydraulic Drawing Press Main Technical Parameters



可选配件 / Optional

- 滑块比例调速装置
- 液压垫比例调压装置
- 光幕安全保护装置
- 油加热或冷却装置
- 模具保护装置
- 位移传感装置
- 换模小车
- 触摸式工业显示屏
- 打料装置（液压式或机械式）
- 换模用浮动导轨和滚动托架
- 电源插座
- 模具照明灯
- 不回收式电脑程控导轨润滑装置
- 模具快速夹紧机构
- 移动工作台

- cutting dampening system
- proportional regulation for slide speed
- moving table
- Light curtain safety device
- Oil heating/cooling unit
- Die protection unit
- Displacement sensor
- Die exchange cart
- Industrial touting screen monitor
- Upper ejector (hydraulic or mechanical type)
- Floating guide-way and rolling bracket for die exchange
- Working area lighting
- Power socket
- Hydraulic driving system upon upper platform
- Quick die clamping device
- Imported PLC
- Slide upper locking devic

性能特点 / Features

1、四柱结构、框架式结构，协同导向系统。
2、故障诊断功能。
3、全面安全防护确保安全生产。

1.Four-post structure，Frame type structure, collaborative guiding system.
2.Fault diagnosis function.
3.Comprehensive security protection to ensure the safe production .

适用领域 / Application Fields

本系列液压机适用于金属薄板二次拉伸成形，满足多平面复杂结构的压制。特别适用于以下领域：金属容器类、大型汽车覆盖件及零件、各种模具的调试、摩托车、航天航空。

This series of hydraulic press is suitable for metal sheet twice stretch forming, meet with many plane complex structure pressing. Particularly applicable to the following fields: metal containers class, large automobile cover parts and components, all kinds of mould debugging, motorcycle, voyage.

技术参数 / Technical Parameters

项目 Item		单位 Unit	Y28-150/200	Y28-200/315	Y28-250/400	Y28-300/500	Y28-400/630	Y28-500/800	Y28-630/1030	Y28-800/1300	Y28-1200/2000	Y28-1600/2400
公称力 Nominal force		KN	2000	3150	4000	5000	6300	8000	10300	13000	20000	24000
拉伸力 Drawing force		KN	1500	2000	2500	3000	4000	5000	6300	8000	12000	16000
压边力 Blank holder force		KN	500	1150	1500	2000	2300	3000	4000	5000	8000	8000
液压垫力/顶出力 Knockout force		KN	500	630	1000	1000	1000	1600	2500	4000	5000	5000
拉伸滑块行程 Drawing slide stroke		mm	570	800	800	900	1100	1300	1300	1600	1500	1500
压边滑块行程 Blank holder slide stroke		mm	570	800	800	900	1000	1200	1200	1500	1400	1400
液压垫行程 Hydraulic cushion stroke		mm	250	300	300	350	300	300	350	400	400	400
拉伸滑块尺寸 drawing slide block size	左右 L-R	mm	600	800	1200	1200	1600	2200	2200	3200	3800	2800
	前后 F-B	mm	600	700	800	900	1000	1700	1500	1700	1700	1600
压边滑块尺寸 Pressure side slide block size	左右 L-R	mm	900	1500	1600	1800	2600	3200	3200	4000	4500	3500
	前后 F-B	mm	900	1200	1200	1400	1800	2400	2200	2500	2500	2500
液压垫尺寸 hydraulic cushion size	左右 L-R	mm	600	900	1250	1300	1700	2300	2400	3200	3600	2365
	前后 F-B	mm	600	700	800	1000	1200	1800	1600	1800	1850	1450
工作台尺寸 table size	左右 L-R	mm	900	1500	1600	1800	2600	3200	3200	4000	4500	3500
	前后 F-B	mm	900	1200	1200	1400	1800	2400	2200	2500	2500	2500
拉伸滑块开口高度 Drawing slide daylight		mm	900	1500	1500	1500	1800	1800	2200	2300	2100	2200
压边滑块开口高度 Pressure side slide block daylight		mm	900	1500	1500	1500	1700	1700	2100	2200	2000	2100
工作台距地面高度 table hight above floor		mm	500	500	500	500	400	400	400	300	300	300
拉伸滑块速度 Speed of drawing slide	空程下行 descending	mm/s	160	≥100	≥100	150	>250	>250	>270	400	350	350
	工作 pressing	mm/s	14-25	10	10	10	5-14	12-25	10-30	20-40	20-40	15-33
	回程 return	mm/s	180	慢50快100	慢50快100	90	200	120	250	300-350	330	330
压边滑块速度 Pressure side slide speed	空程下行 descending	mm/s	100	≥100	≥100	50	>250	250	>270	400	350	350
	工作 pressing	mm/s	8	10	10	22	12-40	16-40	15-40	12-25	40	37
	回程 return	mm/s	65	慢50快100	慢50快100	35	200	150	250	200-250	330	330
外形尺寸 Overall dimension	左右 L-R	mm	2310	4150	4950	4070	5400	5800	6200	6200	6400	5700
	前后 F-B	mm	950	1300	1500	1648	3600	3800	4000	4000	3500	4000
电机总功率 Motor power		KW	22	44	44	48	110	133.7	155	250	320	330

样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。
The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.

SERIES

Y29 系列

薄板冲压液压机

Sheet Stamping Hydraulic Press Main



性能特点 / Features

1、液压系统采用插装阀控制，动作灵敏可靠。
2、PLC控制，可实现调整、双手单次循环。
3、可实现多机联动，同步精度高。

1.Hydraulic system adopts the cartridge valve control, the movement is nimble and reliable.
2.PLC control, realizable the adjustment, both hands single cycle.
3.Achievable machines linkage, synchronous high precision.

适用领域 / Application Fields

本系列液压机主要适用于各类汽车纵梁的压制成型和落料冲孔，也可用于其它金属的压制、成型、折弯等工艺。

This series of hydraulic press is mainly suitable for various types of vehicle longitudinal beam, molding and blanking punch, also can be used to other metallic pressing, molding, bending .



可选配件 / Optional

- 移动工作台
- 滑块比例调速装置
- 液压垫比例调压装置
- 模具保护装置
- 光幕安全保护装置
- 油加热或冷却装置
- 移位传感装置
- 换模小车
- 触摸式工业显示屏
- 换模用浮动导轨和滚动托架
- 不回收式电脑控导润滑装置
- 模具照明灯
- 电源插座
- 模具快速夹紧机构
- 自动送料系统

- cutting dampening system
- proportional regulation for slide speed
- moving table
- Light curtain safety device
- Oil heating/cooling unit
- Die protection unit
- Displacement sensor
- Die exchange cart
- Industrial touting screen monitor
- Floating guide-way and rolling bracket for die exchange
- Working area lighting
- Power socket
- Hydraulic driving system upon upper platform
- Quick die clamping device
- Imported PLC
- Slide upper locking devic

技术参数 / Technical Parameters

项目 Item		单位 Unit	160H	200HI	250HA	250HB(BI)	315	315HA	315HB	315HC	315HD	360H	400
公称力 Nominal force		KN	1600	2000	2500	2500	3150	3150	3150	3150	3150	3600	4000
液压垫力 Cushion pressure		KN	630	400	-	1250/540	1250	1600	1250	1250	1600	1250	1500
开口高度 Daylight		mm	1220	980	1800	900	1300/1600	1000	1500	1500	1000	1260	1400
滑块最大行程 Slide max stroke		mm	710	500	1200	520	710/900	500	900	900	600	710	900
液压垫最大行程 Cushion max stroke		mm	300	280	-	250	300	200	300	300	300	300	400
工作台移出最大行程 Table removed maximum stroke		mm	-	-	-	-	-	-	1700	1700	-	1250	-
滑块速度 Speed of slide	空程下行 Descent	mm/s	350	360	400	320	400	300	400	400	280	300	400
	工作 Pressing	mm/s	10-33	36-16	40-16	11-28	13-45	10-30	13-45	13-45	12-30	11-28	20-45
	回程 Return	mm/s	270	300	200	250	310	300	310	310	280	180	400
工作台尺寸 Table size	左右 L-R	mm	1300	1600	2500	900	1600/2000	1600	2500	2200	1600	2500	2500
	前后 F-B	mm	1000	1400	2000	900	1300/1600	1400	1600	1600	1400	1250	1500
液压垫尺寸 Cushion size	左右 L-R	mm	950	1250	-	750	1250/1650	1250	1850	1550	1250	1250	2000
	前后 F-B	mm	650	950	-	550	950/1250	950	1050	1050	950	850	1100
外形尺寸 Overall dimension	左右 L-R	mm	2790	2580	3540	4500	3090/3475	2650	3650	3350	2650	4480	3650
	前后 F-B	mm	2640	2330	3200	2350	2960/3410	2600	2785	2785	1350	2750	1500
	总高 Total hight	mm	5010	地上4700 地下1800	地上6090 地下580	地上4220 地下850	5680/6080	地上4930 地下650	地上6275 地下2800	地上6275 地下2800	地上4400 地下920	地上5100 地下1900	地上5700 地下1800
电机总功率 Motor power		KW	45	58	78.5	64.5	83.5	69	99	99	60	95	88

样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。
The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.







SERIES

Y32 系列

四柱液压机

Hydraulic Press Main Technical Parameters



性能特点 / Features

1、低电耗，高密封性，降低生产成本。
2、结构简洁，操作简单。
3、全面安全防护和降噪处理，提供优质生产环境。

1.Low power consumption, high sealing, reduce the production cost.
2.The structure is simple, the operation is simple.
3.Full-scale security protection and noise reduction processing, provides the high quality production environment.



适用领域 / Application Fields

本系列液压机用于金属材料的简单拉伸、弯曲、翻边、冷挤、冲裁等工艺，还适用于校正、压装以及各类粉末和塑料制品的成形。

This series of hydraulic press used for metal drawing, bending, flanging, cold extrusion, blanking or punching , and so on, also applies to adjusting, pressing and all kinds of powder and plastic products forming.



可选配件 / Optional

- 冲载缓冲装置
- 移动工作台
- 油加热或冷却装置
- 位移传感装置
- 触摸式工业显示屏
- 换模用浮动导轨和滚动托架
- 模具快速夹紧机构
- 滑块锁紧机构
- 滑块比例调速装置
- 光幕安全保护装置
- 模具保护装置
- 换模小车
- 打料装置（液压式或机械式）
- 电源插座
- 上置式液压系统
- 进口PLC

- cutting dampening system
- proportional regulation for slide speed
- moving table
- Light curtain safety device
- Oil heating/cooling unit
- Die protection unit
- Displacement sensor
- Die exchange cart
- Industrial touting screen monitor
- Upper ejector (hydraulic or mechanical type)
- Floating guide-way and rolling bracket for die exchange
- Working area lighting
- Power socket
- Hydraulic driving system upon upper platform
- Quick die clamping device
- Imported PLC
- Slide upper locking devic

技术参数 / Technical Parameters

项目 Item		单位 unit	63	100	160	200	250	315
公称力 Nominal force		KN	630	1000	1600	2000	2500	3150
顶出力 Knockout force		KN	160	250	250	400	630	630
开口高度 Daylight		mm	800	800	1000	1120	1120	1250
滑块行程 Slide stroke		mm	500	500	650	710	710	800
顶出行程 Knockout stroke		mm	200	200	200	250	250	300
滑块速度 Speed of slide	空程下行 Descent	mm/s	40	70	40	80	>150	120
	工作 Pressing	mm/s	7	15	8	5-12	6-15	5-12
	回程 Return	mm/s	580	100	65	70	>150	65
工作台尺寸 Table area	左右 L-R	mm	550	630	800	900	2500	1200
	前后 F-B	mm	630	630	800	900	1400	1200
工作台距地面高度 Table hight above floor		mm	700	700	550	550	650	700
外形尺寸 Overall dimension	左右 L-R	mm	2370	2370	1150	3200	5400	3180
	前后 F-B	mm	900	900	800	900	1500	1200
	高度 Hight above floor	mm	2770	2770	2600	4085	4740	4570
电机总功率 Motor power		KW	7.5	7.5	11	15	15	22

项目 Item		单位	400	500	630	800	1000
公称力 Nominal force		KN	4000	5000	6300	8000	10000
顶出力 Knockout force		KN	630	1000	1600	2000	2000
开口高度 Daylight		mm	800	1500	1500	1500	1600
滑块行程 Slide stroke		mm	800	900	900	900	1000
顶出行程 Knockout stroke		mm	360	360	360	360	450
滑块速度 Speed of slide	空程下行 Descent	mm/s	100	>100	>100	>100	>150
	工作 Pressing	mm/s	4-10	4-10	5-12	5-12	4-10
	回程 Return	mm/s	70	50	100	90	100
工作台尺寸 Table area	左右 L-R	mm	1200	1400	2000	2000	2000
	前后 F-B	mm	1200	1400	1600	1600	1800
工作台距地面高度 Table hight above floor		mm	600	500	500	300	300
外形尺寸 Overall dimension	左右 L-R	mm	3785	4070	4390	4800	7010
	前后 F-B	mm	1200	1648	2150	2854	3000
	高度 Hight above floor	mm	4667	5348	5300	5400	5740
电机总功率 Motor power		KW	22	30	45	60	75

项目 Item		单位	1250	1600	2000	2500	3000
公称力 Nominal force		KN	12500	16000	20000	25000	30000
顶出力 Knockout force		KN	2000	2500	3150	4000	5000
开口高度 Daylight		mm	1500	1600	1800	2000	2000
滑块行程 Slide stroke		mm	900	1000	1200	1200	1200
顶出行程 Knockout stroke		mm	400	450	450	500	500
滑块速度 Speed of slide	空程下行 Descent	mm/s	>150	>150	>150	>150	>150
	工作 Pressing	mm/s	4-10	4-10	4-10	4-10	5-12
	回程 Return	mm/s	85	>100	160/60	≥100	120
工作台尺寸 Table area	左右 L-R	mm	2500	2500	3000	3500	4000
	前后 F-B	mm	2000	2000	2500	2500	2600
工作台距地面高度 Table hight above floor		mm	200	200	200	200	200
外形尺寸 Overall dimension	左右 L-R	mm	5890	6500	6870	7630	8530
	前后 F-B	mm	3450	3900	2500/4500	5000	4000
	高度 Hight above floor	mm	6980	7500	7500	7840	8500
电机总功率 Motor power		KW	60	70	90	120	170

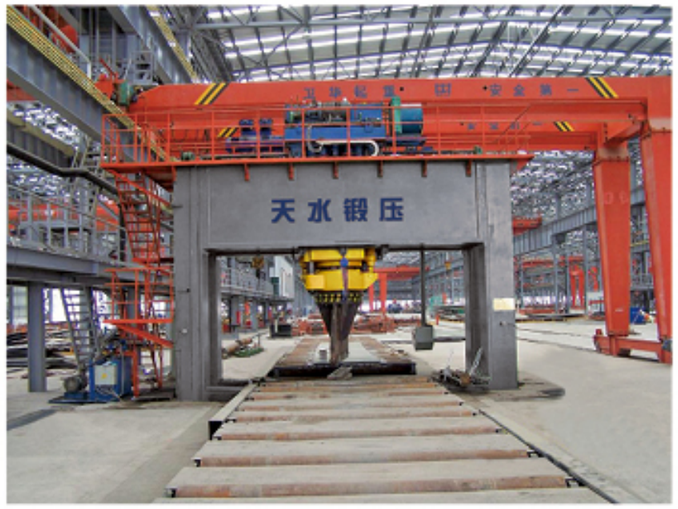
样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。
The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.

SERIES

Y34C 系列

板材压制液压机

Ship Plates Pressing Hydraulic Press Main Technical Parameters



性能特点 / Features

1、该类产品的主机及组合框架龙门式高精度机身结构，既有压头常规压制，又有压头与坐台可移动及回传压制结构，满足不同尺寸的各类厚板成型加工精度的需要。

2、液压控制系统有专用插装式集成阀组和进口比例泵及各种比例阀构成，压头的速度和压力在参数规定的范围内任意调整，具有可控的压制过程；电器控制系统有计算机与PLC控制，具有全过程的位置采集和检测装置，并对压制过程的参数进行设定、存储、打印记录等，保证厚板成型精度。

3、该类产品还具有起吊装置和板材输送辊道装置，提高板材成型加工的效率；具有压头防止下滑的液压锁装置和异地远程控制等功能。

1.This kind of product host and combination frame gantry high precision fuselage structure, both head conventional pressing, and the pressure head moveable press and pass back pressing structure,fulfil different size of all kinds of thick plate forming machining precision needs.

2.Hydraulic control system has special cartridge pile-up valve group and the door proportioning pump as well as various proportional valve , head of the velocity and pressure can do any adjustment in the prescribed scope , has controlled the pressing process; Electric control system have computer and PLC control, it has whole process of position acquisition and testing device, also has pressing process parameters setting, storage, print notes, and so on function to ensure the thick plate accuracy forming.

3.This kind of products are also has lifting device and plate conveyor roller device to improve the efficiency of the sheet metal forming processing, With preventing pressure head declining hydraulic lock device and remote control function.

适用领域 / Application Fields

船舶板材压制液压机是船舶厚板弯曲、弯边、压筋、折边、校平等冷热成型加工的压制设备，主要用于船舶蒙皮成型、压制槽型隔壁、船用罐体等冷热成型加工工艺，也是石化、锅炉等工业领域厚板成形加工的关键设备。

Ship plates pressing hydraulic press is the thick plate bending, flanging, folding, adjusting and cold or hot forming process of pressing equipment, mainly used in ship skin forming, suppress trough type bulkhead, ships'service can-body and cold and hot forming process, also is a key equipment for petrochemical, boiler and other industrialthick plate forming process fields

技术参数 / Technical Parameters

项目 Item			单位 Unit	Y34C-600	Y34C-630	Y34C-1000	Y34C-1250	Y34C-2000
公称力 Nominal force			KN	6000	6300	10000	12500	5000-2000(可调)
液体最大工作压力 Max working force			Mpa	25	25	25	25	25
压头和移动工作台移动距离 Pressure head and table mobile distance			mm	±1500	±2000	±1800	±1500	±2000
压头和移动工作台回转范围 Pressure head and table rotary range			°	±360		±360	±360	±360
压头速度 Pressure head speed	空载快降 Descent		mm/s	100	100	60-100	80-100	50
	工作速度 Working speed	快速 Fast	mm/s	4.5	5-10	2.5-5	7	3.6
		慢速 Slow	mm/s	-	-	-	2.5	1.8
	回程速度 Return speed		mm/s	100	100	60-100	50-80	40-50
压头和移动工作台移动速度 Head and table movement speed			mm/s	1-3	25-50(可调)	30	0-30(可调)	0-30(可调)
压头和移动工作台回转速度 Head and table rotating speed			rpm	1	-	0.5	0-0.5(可调)	0-0.5(可调)
压头下平面能工作台上平面最大距离 Head below plane maximum distance form table			mm	1600	1200	1800	2000	2200
压头最大行程 Head maximum stroke			mm	600	800	800	1000	1000
压头有效尺寸 Head effective size			mm	Φ1100	760×800	Φ1100	Φ1100	Φ1510
回转工作台直径 Rotating tablee diameter			mm	Φ800	-	Φ1100	Φ1000	Φ1200
移动工作台有效尺寸 Moveable table effective size		左右 L-R	mm	1680	-	2700	2700	2700
		前后 F-B	mm	1300	-	1200	1200	1500
工作台有效尺寸 Effective size of table		左右 L-R	mm	5000	4000	6000	6000	6800
		前后 F-B	mm	2500	6000	2700	2700	3100
机器占地尺寸 Machine cover area		左右 L-R	mm	19600	8770	24200	9940	10420
		前后 F-B	mm	8570	8700	11010	15700	43624
		地面以上高度 above floor	mm	6450	6350	7380	7630	8120
		地面以下高度 under floor	mm	2200	1100	2250	3370	3570
主电机功率 Main motor power			kW	46	46	91	125	180

样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。
The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.

SERIES

Y41 系列

单柱校正压装液压机

Single-column Hydraulic Press Main Technical Parameters





性能特点 / Features

该系列液压机具有工作台面长、喉口深、开口大、速度快、进出料方便、校正工件可靠准确、功能齐全、操作方便等特点。

This series of hydraulic press has the long table, deep throat , big daylight, speed is fast,in-outmaterials convenient, adjustment and reliable accurate, complete function, operation simple and so on characteristic。

适用领域 / Application Fields

该系列液压机广泛用于机械制造的压装、校直、拉伸、弯曲等加工领域，是汽车、工程机械、铁路、机车车辆、冶金机械、电力、石油机械以及船舶机械等行业必须装备的重要装备。

This series of hydraulic press are widely used in machinery manufacturing and mounting, adjustment, drawing, bending field, is the automobile, engineering machinery, railway, locomotives, metallurgical machinery, electric power, petroleum machinery and ship machinery industries must be equipped important equipment.

可选配件 / Optional

校正工作台、保压功能、光电保护。

adjusting table, pressure maintaining function, photoelectric protection

技术参数 / Technical Parameters

项目 Item		单位 Unit	YD41-40	YD41-63	YD41-100	YD41-100A	Y4D1-160	YD41-200
公称力 Nominal force		KN	400	630	1000	1000	1600	2000
喉口深度 Throat depth		mm	280	320	380	450	400	500
最大开启高度 The maximum opening height		mm	600	700	700	750	900	1000
压头行程 Pressure head travel		mm	400	500	500	500	560	600
工作台长度 Length of worktable	左右 L-R	mm	750	850	950	1300	1100	1200
	前后 F-B	mm	520	600	720	800	750	900
压头速度 Pressure head speed	空程下行 Descent	mm/s	110	130	75	75	75	80
	工作 Pressing	mm/s	9~22	6~14	7~15	7~15	7~15	10
	回程 Return	mm/s	110	125	90	90	110	80
外形尺寸 Overall dimension	左右 L-R	mm	1300	1400	1800	2000	1800	2500
	前后 F-B	mm	750	850	950	1300	1100	1200
	高度 Hight above floor	mm	2100	2350	2500	2850	3100	3400
工作台距地面高度 Table hight above floor		mm	580	600	600	650	700	700
主电机功率 Main motor power		KW	5.5	5.5	7.5	7.5	15	22

项目 Item		单位 Unit	YD41-250	YD41-315	YD41-400	YD41-630	YD41-800	YD41-1000
公称力 Nominal force		KN	2500	3150	4000	6300	8000	10000
喉口深度 Throat depth		mm	500	600	650	750	800	900
最大开启高度 The maximum opening height		mm	1000	1600	1200	1250	1300	1600
压头行程 Pressure head travel		mm	710	710	710	800	800	1000
工作台长度 Length of worktable	左右 L-R	mm	1200	1400	1400	1800	2000	2500
	前后 F-B	mm	950	1100	1200	1500	1600	1800
压头速度 Pressure head speed	空程下行 Descent	mm/s	80	80	60	60	120	120
	工作 Pressing	mm/s	3.7	8	7.5	3	6~12	6~12
	回程 Return	mm/s	80	100	70	70	74	74
外形尺寸 Overall dimension	左右 L-R	mm	1200	1400	1400	1800	2000	2500
	前后 F-B	mm	2000	2300	2600	4500	3500	4000
	高度 Hight above floor	mm	3500	3750	3800	4000	6000	4900
工作台距地面高度 Table hight above floor		mm	700	600	600	500	500	400
主电机功率 Main motor power		KW	22	37	37	37	55	55

样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。

The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.

SERIES

Y45 系列

龙门移动式液压机

Gantry Movable Type Hydraulic Press



性能特点 / Features

本机压头可做定点控制，即压头可达到工作面有效行程范围内的任意指定点，对结构件校正、中厚板校平、轴类件校直以及进行弯曲、拉伸、压制等加工。本机具有我公司独创的微动技术，可对压头进行压下量的精确微动控制，适用于加工过程的精密压制。

The machine pressure head can do fixed set-point control, namely the head can achieve effective stroke face within the scope of any specifying points to adjustment link and structural member, medium thickness plate leveling, axis parts alignment and bending, stretching, pressing and processing. This machine with my company original creation micro technolog so can do accurate micro control to pressure head therefore it suitable for processing precision pressing.

适用领域 / Application Fields

本系列机床由我公司在1978年首家独立研制成功。基本机型有单龙门单压头，派生型有双龙门双压头、双龙门四压头等多压头以及工作台加宽加长等机型。可广泛适用于工程机械、铁路机车、汽车、船舶、石油、化工、航空等领域。

This series of machine tool is our company first independent successfully developed in 1978 . Basic models have single gantry single head, derived type have double gantry double head, double gantry four pressure head or more and table can widened extension .it can be widely used in engineering machinery, railway locomotive, automobile, shipbuilding, petrochemical, chemical industry, aviation, etc.

技术参数 / Technical Parameters

参数名称 Name / 规格型号 Type	单位 Unit	200/2000x4000 200/5000x5000 200/2500x5000	200/3000x5000（双龙门） 主压头/支撑压头	250/2000x6000	315/2500x4000 315/2500x5000 315/2500x6000（双龙门） 主压头/支撑压头	315/3000x5000 315/3000x7000（双龙门） 主压头/支撑压头	315/4000x6000 315/5000x6000
公称力 Nominal force	kN	2000	2000/1000（个）	2500	3150/1000（个）	3150/1000（个）	3150
工作台宽度 Table width	mm	2000,2000,2500	3000	2000	2500	3000	4000,5000
工作台长度 Table length	mm	4000,5000,5000	5000	6000	4000,5000,6000	5000,7000	6000
压头长度方向最大移动距离 Max.stroke of pressing in lengthwise	mm	4000,5000,5000	3500/3000	5000	3000/2000 4000/3000 5000/4000	3500/3000 5500/5000	5000
压头宽度方向最大移动距离 Max.stroke of pressing head in crosswise	mm	1700,1700,2200	2500/8000	1700	2000/800	2400/800	4000,4500
压头高度方向最大行程 Max.stroke of pressing head in heightwise	mm	800	800/500	800	800/500	800/500	800
活塞下平面到工作台面最大距离 Max.distance between bottom face and table	mm	800	1100/700	1550	800/700	800/700	1100,900
压头快速下行速度 Pressing head fast downlink speed	mm/s	45	45	100	≥60/≥11.6	60/11.6	60,75
压头慢速下行速度 Pressure head slow down speed	mm/s	6.4	3	8	3	3	3,5
压头返程速度 Return indenter speed	mm/s	62	62	100	≥68/≥11.6	68/11.6	68,80
微动精度 Micro-moving precision	mm/次	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2
横梁移动速度 Beam movement speed	mm/s	175	175	175	175	175	175
小车移动速度 Crosswise movement speed	mm/s	120	120	120	120	120	120
主电机功率 Main motor power	KW	735	22	22	15	15	15
工作台顶出缸数量 Lifting device working strokes	个	6	4（水平缸）		8	8	8
工作台顶出缸最大抬起高度 Lifting device force	mm	100	160(水平缸最大行程)		100	100	100
工作台顶出缸最大顶出力 Lifting device force	kN	240	630 (每个水平缸最大公称力)		240	240	240
顶出缸系统电机功率 Lifting device motor power	KW	5.5	5.5 (水平调查系统电机功率)		5.5	5.5	5.5
机器外形尺寸（长x宽x高） Overall dimensions(LxWxH)	mm	6700x5650x5350 5700x5650x5350 6700x6150x5350	9000x6900x5670	7700x6485x6370	8.0x7150x5776 9330x7150x5776 10330x7150x5776	9330x7650x5776 11330x7650x5776	9000x8000x5820 7240x8150x6200
重量 Wight	Kg	40000,44000,48000	71000	60510	69650,74500,79350	76500,87100	87000,125000

参数名称 Name / 规格型号 Type	单位 Unit	500/2500x5000 500/3000x6000	630/3500x8500 630/4000x6000	800/3000x7000	1000/3000x6000	1600/5000x6000	2000/3000x5000	315x4/3500x8000 (双龙门、双压头)
公称力 Nominal force	kN	5000	6300	8000	10000	16000	20000	3150x4
工作台宽度 Table width	mm	2500,3000	3500,4000	3000	3000	5000	3000	3500
工作台长度 Table length	mm	5000,6000	8500,6000	7000	6000	6000	5000	8000
压头长度方向最大移动距离 Max.stroke of pressing in lengthwise	mm	3500,5000	7000,6000	7000	6000	6000	5000	8000
压头宽度方向最大移动距离 Max.stroke of pressing head in crosswise	mm	1800,2800	3000,4000	3000	3000	5000	3000	3500
压头高度方向最大行程 Max.stroke of pressing head in heightwise	mm	8000,1350	800	1000	8000	800	800	800
活塞下平面到工作台面最大距离 Max.distance between bottom face and table	mm	1650,2050	1800,1200	2000	1200	1200	1200	1500
压头快速下行速度 Pressing head fast downlink speed	mm/s	60	100,80	60	60	60	60	60
压头慢速下行速度 Pressure head slow down speed	mm/s	3,7	6,5	5	3	3	3	3
压头返程速度 Return indenter speed	mm/s	60	70	60	60	60	60	60
微动精度 Micro-moving precision	mm/次	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2	±0.2
横梁移动速度 Beam movement speed	mm/s	175	120	120	120	56	56	175
小车移动速度 Crosswise movement speed	mm/s	120	56	56	56	67	56	120
主电机功率 Main motor power	KW	18.5,37	37	37	45	45	55	4x15
工作台顶出缸数量 Lifting device working strokes	个	8	8,15	18	15	24	12	24
工作台顶出缸最大抬起高度 Lifting device force	mm	100	100	100	100	100	100	100
工作台顶出缸最大顶出力 Lifting device force	kN	240	240,300	540	450	480	360	480
顶出缸系统电机功率 Lifting device motor power	KW	5.5	5.5,7.5	735	7.5	7.5	7.5	7.5
机器外形尺寸（长x宽x高） Overall dimensions(LxWxH)	mm	6450x7235x6920 8150x8230x7210	11000x8635x7135 8730x9910x7000	9500x8500x8000	8500x9000x7500	13200x11550x9065	9000x10000x9500	12300x9000x6900
重量 Wight	Kg	74500,90000	153000,145000	140000	165000	380000	280000	125000

样本参数如有变动不另行通知！客户如有特殊定货，请与公司销售部联系。
The contents are subject to change without prior notice!The customers have special orders, please contact the company sales.