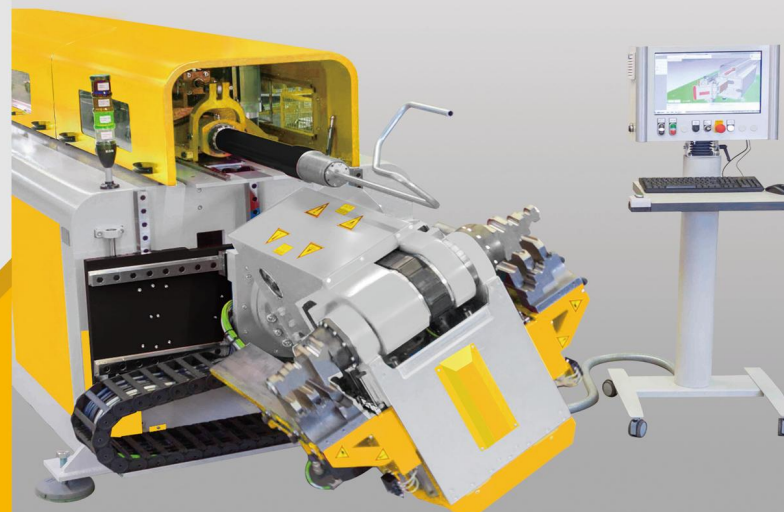




江苏臺和机械制造有限公司 JIANGSU TELHOO MACHINERY MANUFACTURE CO.,LTD.

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TAYHE
TELHOO MACHINERY



江苏臺和機械制造有限公司

JIANGSU TELHOO MACHINERY MANUFACTURE CO.,LTD.



企业宗旨

以品牌、质量生命，以诚信服务为己任

企业质量方针

以高科技含量的优质台和产品，满足客户要求，用严格管理持续改进和优质服务，增强客户满意

企业经营方针

科技领先、以人为本，强化管理、创造品牌、团结拼搏、开拓市场，客户至上、优质服务

Enterprise Mission

Take brand and quality as life, and take sincere service as our own mission.

Quality policy of the enterprise

Meet the customer's requirement with high-tech and high-quality products of TELHOO, and enhance the customer's satisfaction with strict management, continuous improvement and high-quality service.

The guideline for business management

Take high-tech as the lead with people oriented, strengthen management and build up brand. Struggle in unity and exploit the market with customer orientation and high-quality service.

台和历史 TAIHE HISTORY

1991年 台和创始人进入弯管机械行业

1993年 购入一系列高精度加工设备，开发出NC弯管机，并且成为圈内知名飞机制造商合作伙伴

1995年 替各大品牌代工生产弯管机等管类加工设备，发货至全国各地及国外出口

2002年 高薪聘请台湾知名工程师担任公司技术部总监，成功把产品打入中国造船行业

2004年 注册自己的品牌“张家港市勤鹏机械制造有限公司”

2005年 变更为“张家港市台和机械制造有限公司”

2006年 成为中国Honda, Toyota, Volkswagen, china chang-cheng等知名汽车企业合作伙伴

2008年 经过多年开发和努力，CNC弯管机成熟推向市场，并且成为中国南车合作伙伴

2010年 累计出口全球65个国家，包括美国，俄罗斯，波兰，墨西哥，加拿大，澳大利亚，英国，东南亚以及印度等65个国家

2013年 为了跟进工业4.0的趋势，公司技术部陆续开发出“全自动化机械手上下料弯管机”，“自动上下料切管机”等高效率管材加工设备

2018年 为了更好的发展海外市场，在香港成立Telhoo holding limited 贸易公司

2019年 台和与中国知名大学合作，充分利用大学的高科技人才合作开发新产品

2022年 为了扩大规模提高产能，由原张家港市台和机械制造有限公司变更为江苏台和机械制造有限公司

2023年 台和带着一份使命和责任感会做的更好...

1991 The founder of Telhoo entered the bending machinery industry

1993 We purchased a series of high-precision processing equipment and developed an NC pipe bending machine, becoming a well-known partner of aircraft manufacturers in the industry

1995 we produced pipe bending machines and other pipe processing equipment for major brands and shipped them to various parts of the country and exported them abroad.

2002 Hired a well-known Taiwan engineer as the director of the company's technical department at a high salary, successfully integrating products into the Chinese shipbuilding industry.

2004 Registered own brand "Zhangjiagang Qinpeng Machinery Manufacturing Co., Ltd."

2005 Change company name to "Zhangjiagang Telhoo Machinery Manufacturing Co., Ltd."

2006 Become well-known car companies's partner-Honda(china), Toyota(china), Volkswagen(china), changcheng(china).

2008 After many years of development and efforts, CNC pipe bending machine enter the market, Successfully as China's high-speed rail cooperation partner.

2010 Export to at least 65 countries around the world, including the United States, Russia, Poland, Mexico, Canada, Australia, England, southeast Asia, India and so on.

2013 In order to follow up 4.0 industrial trends, The technical department developed "full automatic Robot pipe bending machine" "automatic loading and feeding pipe cutting machine" such as high efficiency pipe processing equipment.

2018 In order to better expand the overseas market, established "Telhoo holding limited" in Hong Kong

2019 Cooperate with well-known university in China, using high-tech talent at the university for developing new products

2022 In order to expand scale and increase production capacity, the original Zhangjiagang Telhoo Machinery Manufacturing Co., Ltd. has been changed to Jiangsu Telhoo Machinery Manufacturing Co., Ltd.

2023 TLM with mission and responsibility will make our product better.

>>>企业证书<<< CERTIFICATE



NC系列

单头液压弯管机 DW SINGLE PIPE-BENDING MACHINE



DW38/50/63/75/89/115/130/168/219/400NC

机械特点

采用微电脑控制，功能强、扩充性高、中文字幕、对话式操作，易学易懂。分段设定速度，弯管精度高。十六级弯管资料设定储存，多种角度工件一气呵成。可加装辅推、慢退芯等功能，可弯制薄壁管件。广泛应用于大型船舶修造、锅炉、石油管道和汽车配件。

MECHANICAL CHARACTERISTICS

The microcomputer control is adopted with strong functions, high extensibility, English subtitles and dialogue-based operation, easy to learn and understand. Set speed by segmentation with high precision of elbow pipes. The sixteenth level elbow pipe data setting and storage, and remarkably smooth assembly of work pieces of many angles. The functions of reloading with auxiliary shoving and slowly returning the core can be achieved. The thin-wall pipes can be bent and manufactured. Extensively used in large ship building and repair, boiler, petroleum pipeline and auto spare parts.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

规格 Specification	Machine type 机型	DW38NC	DW50NC	DW63NC	DW75NC	DW89NC	DW115NC	DW130NC	DW168NC	DW219NC	DW400NC
最大适用碳钢管材弯曲半径	Max iron pipe size	38.1*2.0t	50.8*2.0t	63.5*2.5t	76.2*3.0t	88.9*3.0t	115*6.0t	130*8.0t	168*14.0t	325*20.0t	400*22.0t
最大适用不锈钢管材弯曲半径	Max stainless steel pipe size	31.75*1.5t	35*2.2t	38*2.0t	51*2t	57*2t	88.9*2.0t	102*3.0t	135*10.0t	275*12.0t	325*14.0t
最大穿芯长度	Maximum core length	1850mm	2250mm	2950mm	3400mm	3520mm	3750mm	4230mm	4700mm	5500mm	6000mm
最大弯曲半径	Max bending radius	175mm	200mm	220mm	280mm	300mm	500mm	500mm	800mm	1000mm	1150mm
最大弯曲角度	Max bending angle	185°	185°	185°	185°	185°	185°	185°	185°	185°	185°
每管件可设定弯管数	Bending Number of each pipe	16	16	16	16	16	16	16	16	16	16
最大油压	Max oil pressure	15mpa	15mpa	15mpa	15mpa	15mpa	15mpa	15mpa	15mpa	15mpa	15mpa
电机功率	Motor power	4kw	5.5kw	5.5kw	7.5kw	11kw	22kw	22kw	30kw	55kw	75kw
机器重量	Machine weight	545Kg	765kg	1000kg	2000kg	2200kg	7000kg	8500kg	12000kg	18000kg	27000kg
机器尺寸 (LxWxH)	Machine size (LxWxH)	2540*450*1250	2950*760*1250	3700*840*1370	4500*1000*1350	4600*1130*1400	5200*1600*1400	5700*1700*1400	6400*2000*1500	7500*2300*1700	8500*2500*1800

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CNC系列

伺服三维全自动弯管机

SERVO THREE-DIMENSIONAL AUTOMATIC PIPE BENDING MACHINE



DW38/50/63/75/89/115/130/168/219/400CNC

机械特点

CNC全自动伺服控制弯管机，配备弯制立体空间管件的全功能装置，弯管臂采用独特设计，滑块升降幅度大，上料卸料方便，效率高，各部分运动部件之间装有多耐磨性能材料的耐磨黄铜板，使运动部件减少磨损，大大提高使用寿命。送料方式1、夹送、直送，多层模CNC数控弯管机，可以装多个不同R模具，实现自动换模，多个弯一次成型，遇到大R弯度可以选择推弯功能自由变换数据。2.8设备具有自动送料、自动转角、自动三维弯管速度及精度更高。-弯管角度 $\pm 0.1^\circ$ -转角角度 $\pm 0.1^\circ$ -送料精度 $\pm 0.1\text{mm}$ 2.9彩色触摸屏显示，全部数据通过触摸屏输入或三维图纸直接导入识别、可三维预览及搭配干涉模拟软件功能。3.0可设定手动、半自动、全自动操作。试弯时可选用手动分解动作，观察干涉点，修改动作。

MECHANICAL CHARACTERISTICS

CNC fully automatic servo control pipe bending machine, equipped with a fully functional device for bending three-dimensional space pipe fittings. The bending arm adopts a unique design, with a large sliding range, convenient loading and unloading, and high efficiency. High wear-resistant brass plates made of wear-resistant materials are installed between various moving parts, reducing wear on the moving parts and greatly improving their service life. Feeding method 1: Pinch feeding, direct feeding, multi-layer CNC pipe bending machine, which can install multiple different R molds and achieve automatic mold change. Multiple bends are formed at once, and when encountering large R bends, the push bending function can be selected to freely change data. The 2.8 equipment has automatic feeding, automatic rotating, automatic three-dimensional bending speed and higher accuracy. -Bend angle $\pm 0.1^\circ$ -Rotate angle $\pm 0.1^\circ$ -Feeding accuracy $\pm 0.1\text{mm}$ 2.9 Color touch screen display, all data can be input through the touch screen or directly imported into 3D drawings for recognition, and can be previewed in 3D with interference simulation software functions. 3.0 can be set for manual, semi-automatic, and fully automatic operation. During the trial bending, manual disassembly action can be selected to observe the interference points and modify the action.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

Machine type 规格 Specification	DW38CNC	DW50CNC	DW63CNC	DW75CNC	DW89CNC	DW115CNC	DW130CNC	DW168CNC	DW219CNC
最大适用碳钢管材 Max iron pipe size	$\phi 38.1 \times 2.0\text{t}$	$\phi 50.8 \times 2.0\text{t}$	$\phi 63.5 \times 2.5\text{t}$	$\phi 76.2 \times 3.0\text{t}$	$\phi 88.9 \times 3.0\text{t}$	$\phi 115 \times 6$	$\phi 130 \times 8$	$\phi 168 \times 15$	$\phi 219 \times 20$
最大送料行程 Max feeding length	1900mm	2100mm	2100mm	2500mm	3000mm	3500mm	3500mm	4200mm	5500mm
送料方式 Feeding method	direct feed or pinch								
最大弯曲半径 Max bending radius	175mm	250mm	250mm	300mm	300mm	500mm	500mm	800mm	900mm
最大弯曲角度 Max bending angle	185°	185°	185°	185°	185°	185°	185°	185°	185°
每管件可设定弯管数 Bending Number of each pipe	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99	PLC 32/CNC 99
可存储档案数 Number of files that can be stored	2000	2000	2000	2000	2000	2000	2000	2000	2000
工作速度 Working speed	Max 100°/s	Max 90°/s	Max 90°/s	Max 45°/s	Max 45°/s	Max 30°/s	Max 30°/s	Max 25°/s	Max 25°/s
转角速度 rotating speed	Max 270°/s	Max 270°/s	Max 270°/s	Max 180°/s	Max 180°/s	Max 90°/s	Max 90°/s	Max 60°/s	Max 50°/s
送料速度 Feeding speed	Max 700°/s	Max 700°/s	Max 700°/s	Max 600°/s	Max 600°/s	Max 500°/s	Max 500°/s	Max 450°/s	Max 400°/s
精度 Accuracy	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.15^\circ$	$\pm 0.15^\circ$
转管角度 rotating angle	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$	$\pm 0.1^\circ$
送料长度 Feeding length	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$	$\pm 0.1\text{mm}$
资料输入方式 Data input method	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z	Y.B.C/X.Y.Z
转管伺服电机功率 Rotate servo motor power	750w	750w	750w	1000w	1000w	1000w	1000w	2000w	3000w
送料伺服电机功率 Feeding servo motor power	1000w	1000w	1000w	1000w	1500w	2000w	2000w	3000w	5000w
液压电机马力 Hydraulic motor	4kw	5.5kw	5.5kw	7.5kw	11kw	22kw	22kw	30kw	45kw
机器重量 Machine weight	1.4T	1.5T	1.8T	3.2T	3.4T	6T	7T	12T	18T
机器尺寸 Machine size	3920x780x1350	4260x900x1350	4360x900x1350	5000x1150x1350	5000x1200x1400	6300x1500x1500	6600x1800x1600	7400x2200x1800	9800x3000x3000

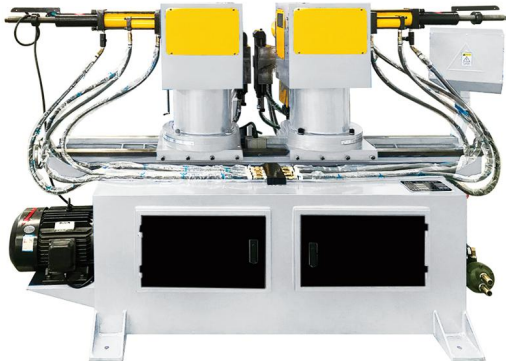
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SW系列

SW型双头弯管机系列

SW SERIES DOUBLE-HEAD PIPE BENDING MACHINE



SW38A/50A (可内外转90°)
internally or externally rotary

机械特点

采用微电脑控制，操作简便，性能稳定，双头弯曲同步成型，弯管工作开档，角度一致精确。双头弯管角度均可从0度到185 度任意调节，但必须考虑取料问题。可设定两轴不同角度弯曲。液压双弯机将企业生产力发挥至极限。

MECHANICAL CHARACTERISTICS

Microcomputer control is adopted, which is easy to operate, stable in performance and molded simultaneously with double heads bent; bending open, and angles consistently accurate. Double-head bending angle can be adjusted from 0 degrees to 185 degrees, but consideration must be paid to material pick-off. Two axes can be bent at different angles. Hydraulic double-head bending machine gives the fullest play to productivity.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

型号 Model	SW-38A	SW50A
最大弯管能力 Max. Bending capability (mm)	Φ38x2.5	50*3
弯曲半径范围 Range of bending radius (mm)	38-200	38-250
双弯中心范围 Range of double-bending (mm)	170-1400(可加长)	170-2000(can be lengthened) 可定制
弯曲速度 bending speed (°/sec)	50	90°
系统最大压力(Mpa) Max, Pressure of the systerm	12	14
电机功率(Kw) Moter power	5.5	7.5
机器尺寸(cm) Size	260x110x150	320*150*180

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NC系列

SG系列缩管机

PIPE END-FORMING MACHINE

全液压自动管端成型机，缩小、放大、褶皱
PIPE REDUCE / ENLARGE / WRINKLE



SG40/60/80/100/120/168/180/260 (多工位缩管机)
Multi station pipe end forming machine

机械特点

- 1.微机电脑控制，液压驱动，工作平稳。 2.移动式脚踏开关，具有自动，紧停、紧停连续三种功能，安全性高。
- 3.可进行缩管，扩管，墩管等多种方式加工，是理想的管端成型加工机械。 4.模具更换简便，便于弹性生产

MECHANICAL CHARACTERISTICS

1. Microcomputer control, hydraulic drive, and stable in operation.
2. Mobile pedal switch, capable automatic, emergency stop, and continuous emergency stopfunctions, and high safety.
3. Can use compacted pipe, expanded pipe, pier pipe and other machining methods and is ideafor pipe end formation and machining.
- 4.Mould replacement simple, and easy for flexible production.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

Machine type 机型 参数 Model	SG40	SG60	SG80	SG100	SG120	SG168
最大适用管件 Maximum application pipe diameter and wall thickness	Φ40X2.0t	Φ60X2.0t	Φ80x2.0t	Φ100x2.0t	Φ110x2.0t	Φ168x2.0t
最大工作行程 Maximum working stroke	120mm	120mm	200mm	200mm	200mm	300mm
油压出力 Oil pressure output	14Mpa	14Mpa	14Mpa	14Mpa	14Mpa	16Mpa
工作速度 (working speed)	110mm in 3-4sec.	120mm in 5-6sec.	130mm in 5-6sec.	140mm in 6-7sec.	140mm in 8-9sec.	170mm in 8-9sec.
机器尺寸 Machine Size (cm)	190x50x130	210x60x140	260x75x145	300x75x150	350x90x180	400x120x200
机器重量 (Machine Weight)	800kg	1200kg	1800kg	2200kg	2500kg	5000kg

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NC系列 金属圆锯机 PIPE CUTTING MACHINE



MC-350NC



MC-275A/B 315A/B

机械特点

欧式高强度机头，配置高效率蜗杆，涡轮传动，是锯切速率高、无噪音、无毛边。进刀采用手动方式，机头可左右回转45°，角度刻画清晰，并加制45°-90°-45°参档柱，使调整更容易，配有手动双向夹钳，自动冷却系统及手调式挡尺。自动夹钳自动进刀型，除了基本型结构及配件外，夹钳及机头进退皆为气压自动式。本型是管件生产之最佳利器。

MECHANICAL CHARACTERISTICS

European high-intensity head, equipped with high efficiency worm and turbine drive, high cutting rate, no noise, and no flash. Manual mode is used, head can be turned 45 degrees to the right and left, 45°-90°-45° columns are added, making it easier to adjust; manual two-way clamp, automatic cooling system and manually adjustable stopper are provided. Automatic clamp is automatic feed type, and clamp and head advance and retreat automatically by air pressure except for basic structure and fittings. This model is the best weapon for pipe production.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

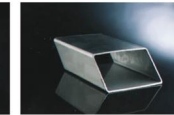
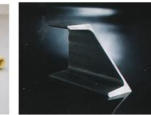
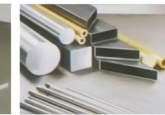
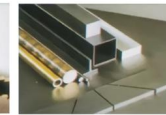
锯切能力（以碳钢为参考）

	MC-275系列		MC-315系列		MC-350系列	
刀片位置	90°	45°	90°	45°	90°	45°
	80	60	100	80	100	80
	60x60	45x45	90x90	80x80	100x100	90x90
	60x60	45x45	90x90	80x80	100x100	90x90
	60x80	45x60	80x90	80x80	100x100	90x90
	38	25	55	45	75	50
	38	25	50	40	75	50

技术资料

	MC-275系列		MC-315系列		MC-350系列	
主机马达	2/4变极2-2.4kw		2/4变极2-3.0kw		2/4变极2.4-3.0kw	
主轴	A型	RPM96/48	RPM84/42		RPM36/18	
	B型	RPM48/24	RPM42/21		RPM18/9	
适用锯片	高速钢锯片 外径250/275mm		H.S.S BLADE 外径250/300/315mm		H.S.S BLADE 外径300/350/370mm	
冷却水泵	90w		90w		90w	
使用压缩空气	B型		B型		B型	
	0.4-0.6Mpa		0.4-0.6Mpa		0.5-0.8Mpa	
机器重量kg	A型	B型	A型	B型	A型	B型
	180	190	200	210	260	270

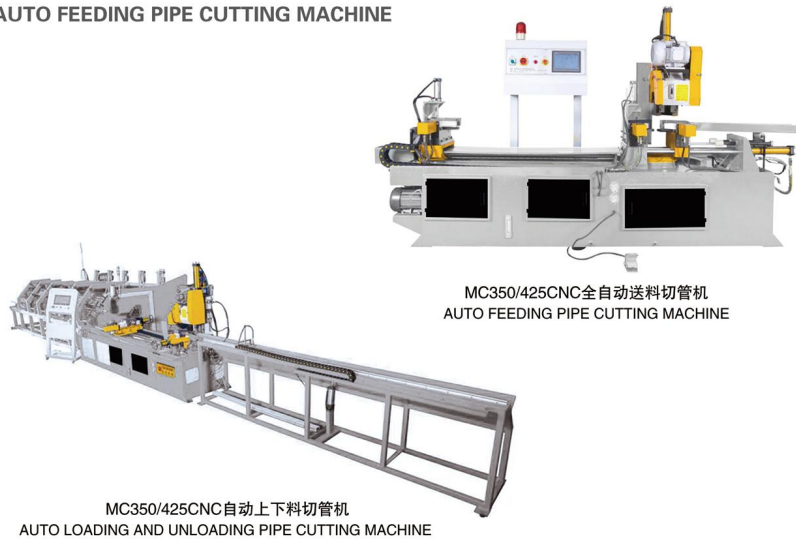
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CNC系列

全自动切管机

AUTO FEEDING PIPE CUTTING MACHINE



MC350/425CNC全自动送料切管机
AUTO FEEDING PIPE CUTTING MACHINE

MC350/425CNC自动上下料切管机
AUTO LOADING AND UNLOADING PIPE CUTTING MACHINE

机械特点

- 1.具有自动送料、定长、自动夹紧、自动切割功能。
- 2.具有无料自动停机功能。
- 3.可设定参数，过载保护自动停机，锯片保护功能。
- 4.自动润滑冷却功能。

MECHANICAL CHARACTERISTICS

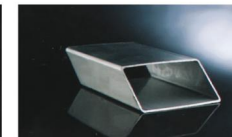
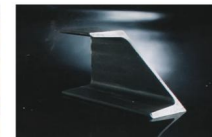
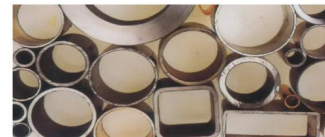
1. Automatic feeding, fixed length, automatic clamping, and automatic cutting.
2. With no material automatic shutdown function
3. Setting of parameters, automatic shutdown due to overload protection, and saw blade protection
4. Automatic lubrication and cooling functions

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

Machine type 机型 参数 Model	MC-315CNC	MC-350CNC	MC-425CNC
主机马达 Main motor (kw)	2.4/3	4.5/5.5	4.5/5.5
主轴转速 Spindle rotary speed	80/160RPM	60/120RPM	30/60RPM 60/120RPM
适用锯片 Saw blade	OD Φ300	OD Φ350	OD Φ400
液压泵电机功率 Hydraulic Pump Motor Power	2.2Kw	2.2Kw	2.2Kw
冷却系统 Cooling system (kw)	0.09	0.09	0.09
机器尺寸 Machine Size (mm)	3000mm*1100mm*2000	3000mm*1100mm*2000	3000mm*1100mm*2000
机器重量 (Machine Weight)	1200Kg	1300Kg	1400Kg

本公司不断改进，规格如有改动，恕不另行通知！



CNC系列

全自动激光切管机

AUTOMATIC LASER CUTTING MACHINE



T9S/T9/6016L/6016LN/T1/T2/3015/4020自动上下料切管机
AUTOMATIC LASER CUTTING MACHINE

机械特点

1. 悬臂式龙门结构可以减少对材料的占用，节省空间，又能保证机器运转的稳定性。
2. 全行程气动前卡盘采用双滚轮设计，切小管的精度高
3. 台湾品牌的伺服电机和减速机，既可以满足机器运行需要的快速、加速度要求，又能在拐角、细腻切割时配合顺畅。
4. Cyptube是一款专业的三维管材切割软件，可以直接读取UG、SolidWorks软件导出的IGS格式文件，自动提取待切管的截面及待切轨迹，无需手动编辑和选择。

MECHANICAL CHARACTERISTICS

1. The cantilever gantry structure can reduce the occupation of materials, save space, and ensure the stability of machine operation.
2. The full stroke pneumatic front chuck adopts a double roller design, with high precision in cutting small pipes.
3. Taiwan brand servo motors and reducers can not only meet the fast and acceleration requirements for machine operation, but also cooperate smoothly in corners and delicate cutting.
4. CycloTube is a professional 3D pipe cutting software that can directly read IGS format files exported from UG and SolidWorks software, automatically extract the cross-section and cutting trajectory of the pipe to be cut, no need manual editing and selection.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

Machine type 规格 Specification	T9S	T9	6016L/6016LN	T1/T2
管径 Tube diameter	○15-80mm □15*15-60*60mm	○15-80mm □15*15-60*60mm	○15-160mm □15*15-110*110mm	○15-160mm □15*15-110*110mm
切割精度 Cutting precision	± 0.1mm/m	± 0.1mm/m	± 0.1mm/m	± 0.1mm/m
功率 Power	1000w-3000w	1000w-3000w	1000w-3000w	1000w-3000w
最大切割速度 100m/min	100m/min	100m/min	100m/min	100m/min
尾料长度 40-60mm	40-60mm	40-60mm	≥ 90mm	≥ 90mm

Machine type 规格 Specification	3015	4020		
尺寸 Dimension	3000mm*1500mm	4000mm*2000mm		
定位精度 Positioning Accuracy	± 0.03mm	± 0.03mm		
重复定位精度 Re-Positioning Accuracy	± 0.02mm	± 0.02mm		
最大切割速度 Max cutting speed	100m/min	100m/min		
最大加速度 Max Acceleration	1.0G	1.0G		

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CNC系列

卷管系列

PIPE-ROLLING MACHINE



JW40/60/80/100/120/168/219/400CNC

机械特点

1. 全机械传动，结构紧凑，可靠性高。
2. 三辊传动，不易打滑，薄壁材料亦可弯曲。
3. 两侧辊不对称分布，减少直线段。
4. 侧辊两侧均可进给工件。
5. 双脚踏开关另加急停，操作方便。
6. 该机传动平稳，只需调整上下两辊距离，就可获得不同曲率的圆形，弧形或螺旋形。
7. 改变模具槽型，可加工各种金属型材，如角钢、扁钢、圆钢以及其他异型截面型材。
8. 弯制大半径型材避免了制作特大弯管模的弊端，是系列单头、双头弯管机不能达到的必要补充。
9. 该机适应中、大批量生产、速度快、效率高。

MECHANICAL CHARACTERISTICS

1. Full mechanical drive, compact structure, and high reliability.
2. Three-roller drive, easy to slip, and thin-walled material can be bent.
3. Rollers are distributed asymmetrically on both sides to reduce straightline segments.
4. Workpiece can be fed from both sides of side roller.
5. Double foot switch plus emergency stop, easy to operate.
6. This machine is stable in driving, and circles, arcs or spirals of different curvatures can be obtained only by adjusting the distance between rollers.
7. All kinds of metal profiles, such as angle steel, flat steel, round steel and other special-shaped cross-section profiles can be machined by changing mold groove.
8. Bends large radius proximate matter and avoids shortcomings of producing large bending mould, and is a necessary complement of a series of single-head and double-head pipe benders.
9. This machine is suitable for large and medium mass production. High speed and high efficiency.

主要技术参数 THE MAIN TECHNICAL PARAMETERS

★可根据客户需要定制非标设备

Machine type 机型 参数 Model	JW-40	JW-60	JW-80	JW-100	JW-120	JW-168	JW-219
最大适用碳钢管材mm Maximum carbon steel pipe diameter	40X2	φ 60*2	φ 80*2	φ 100*5	φ 120*8	φ 168*12	φ 219*12
最小加工范围mm Minimum bending radius	φ 320	φ 480	φ 800	φ 800	φ 960	φ 1344	φ 2199
弯曲半径R Bending radius	≥ 10D	≥ 10D	≥ 10D	≥ 10D	≥ 10D	≥ 10D	≥ 10D
卷管速度约 Rolling speed	12m/min.	10m/min.	8m/min.	8m/min.	8m/min.	8m/min.	10m/min.
模具直径 Mould diameter	φ 120	φ 171	φ 220	φ 300	φ 300	φ 400	φ 700
电机功率 Motor power	4KW	5.5KW	11KW	15KW	22KW	30KW	45 KW
机器重量约 Weight	1200kg	1500kg	3000kg	5000kg	6000kg	10000kg	12000kg

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其他产品系列 OTHER PRODUCT SERIES



铝切机
Aluminum cutting machine



封口机
sealing machine



冲弧机
arc punching machine



压弯机
bending machine



DJ260单头倒角机
DJ260 single-head
chamfering machine



磨齿机
gear grinding machine



螺栓倒角机
bolt chamfering machine



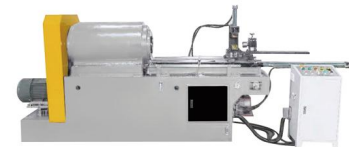
单头倒角机
single-head
chamfering machine



铆钉机
rivet machine

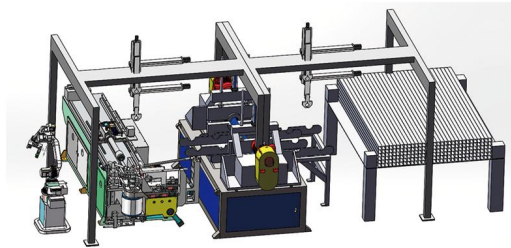


双头倒角机
double-head chamfering machine



锥缩机
tapering machine

AUTOMATIC ROBOT LOADING-UNLOADING PIPE BENDING MACHINE



TH-CNC机械手“无人化”上下料弯管机

工作机组 working unit

组成：拨料架、寻焊缝装置、六轴自动弯管机、六轴机器人、1号托盘、2号托盘

Composition: Material transfer rack, welding seam search device, six-axis automatic pipe bending machine, six-axis robot, No. 1 pallet, No. 2 pallet

工作流程 work process:

拨料架将无序的圆管分开并送到寻焊缝装置上，寻焊缝装置采用电涡流寻焊缝，找到焊缝到固定方向，机器人将准备好的管子抓取到自动弯管机上，弯管机开始弯管，完好后机器人再把完好的管子去放到托盘上，1号托盘摆满再摆2号托盘，1号托盘取走，依次循环。

The material picking rack separates the disordered round pipes and sends them to the welding seam finding device. The welding seam finding device uses eddy current to find the welding seam to find the welding seam in a fixed direction. The robot grabs the prepared pipes and puts them on the automatic pipe bending machine, the pipe bending machine starts to bend the pipe. After the pipe is intact, the robot puts the intact pipe on the pallet. When the No. 1 pallet is full, the No. 2 pallet is placed, and the No. 1 pallet is taken away, and the cycle proceeds in sequence.