



精密源自用心

Precision comes from the heart



创造成就超越

Creating achievements beyond

台州呈春自动化设备有限公司

tai Zhou Chengchun automation equipment Co., Ltd

地址:浙江省玉环市玉城街道城北创融产业城38幢

Add: Building 38, Chengbei Chuangrong Industrial City, Yucheng Street,
Yuhuan City, Zhejiang Province

电话/Tel: 0576-89903683

传真/Fax: 0576-89903778

邮箱/E-mail: info@broaching-machine.net

网址/web: <https://broaching-machine.net/>



数控拉床

我们根据客户对任何工件拉削应用的需求,
提供一站式拉削解决方案。

We Offer One-stop Broaching
Solutions Based On Customer
Needs For Any Workpiece Broach-
ing Application.

CNC
BROACHING
MACHINE



OVER 20 YEARS OF EXPERIENCE IN THE FIELD

MORE THAN 50 EMPLOYEES

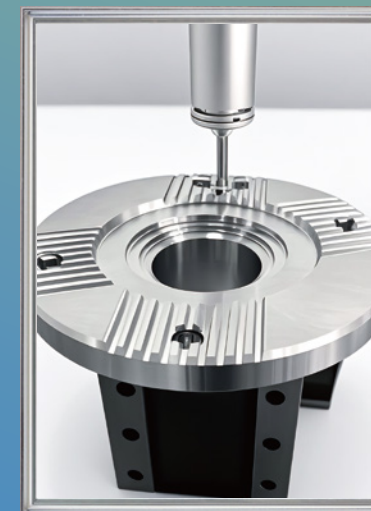
5000+M² PLANT AREA

www.tzccauto.com

- 台州呈春自动化设备有限公司，坐落于中国东南沿海璀璨的“汽摩配之都”——浙江玉环。这片产业热土依托长三角经济圈的蓬勃活力，汇聚了全国70%以上的汽摩配零部件生产企业，形成了从研发设计到精密制造的完整产业链生态。
- 自成立至今，公司已在数控装备制造领域深耕超过20载。我们凭借对行业趋势的敏锐洞察力与技术的持续创新力，累计获得40余项实用新型专利及5项发明专利，涵盖核心工艺与智能装备领域，逐步发展成为一家集研发设计、精密制造、智能装配、全球销售、全周期售后服务于一体的现代化高新技术企业。
- 我们坚持“以客户需求为导向”的研发理念，从项目前期的工艺分析、3D建模，到中期的样机调试、精度检测，再到后期的生产线集成与智能化改造，实现全流程数字化管控。
- 台州呈春将继续秉持“创新驱动发展，智造引领未来”的理念，聚焦工业自动化、数字化、智能化前沿技术，持续加大在人工智能、工业互联网领域的研发投入，致力于成为全球领先的智能装备解决方案提供商。



- Taizhou Chenchun Automation Equipment Co., Ltd. is located in Yuhuan, Zhejiang Province, which is the sparkling “Automobile and Motorcycle Parts Capital” on the southeast coast of China. Relying on the vigorous vitality of the Yangtze River Delta Economic Circle, this industrial hot spot has gathered more than 70% of the automobile and motorcycle parts and components manufacturers in China, forming a complete industrial chain ecology from R&D and design to precision manufacturing.
- Since its establishment, the company has been deeply plowing in the field of CNC equipment manufacturing for more than 20 years. With our keen insight into industry trends and continuous innovation in technology, we have accumulated more than 40 utility model patents and 5 invention patents, covering the core process and intelligent equipment fields, and gradually developed into a modern high-tech enterprise integrating R&D and design, precision manufacturing, intelligent assembly, global sales, and full-cycle after-sales service.
- We adhere to the “Customer Demand-Oriented” R & D concept, from the process analysis and 3D modeling in the early stage of the project, to the mid-term prototype debugging, precision testing, and then to the later integration of production lines and intelligent transformation, to achieve the full process of digital management and control.
- Chenchun will continue to uphold the concept of “Innovation-Driven Development, Intelligence Leads the Future”, focusing on industrial automation, digitalization, intelligent cutting-edge technology, and continue to increase R & D investment in the field of artificial intelligence, Industrial Internet, and is committed to becoming the world's leading provider of intelligent equipment solutions.

[illegible]

科研成果 SCIENTIFIC RESEARCH



成绩

· 我们前进的动力 Achievement is our driving force.

团结

· 拼出一个精彩 Unite and make a wonderful performance.

共赢

· 拼出一个未来 Win win and spell out a future.





特点

- 即使螺旋花键的规格不同或是直齿花键加工,也可以自由切换通过和选配件高速化装置的组合,能够实现自动生产线的柔性生产;
- 小型减速机、两轮车离合器的内螺旋齿轮的高效率加工;
- 利用紧凑设计实现节省空间;
- 依据客户特殊需求,可量身定制。

Features

- even if the spiral spline has different specifications or straight tooth spline processing, it can be freely switched through the combination of high-speed equipment and optional accessories, which can achieve flexible production of automatic production line;
- high efficiency machining of internal helical gears of small reducer and two-wheel vehicle clutch;
- Space saving by compact design;
- Customized according to the special needs of customers.



品质保证



加工定制



源头工厂



发货及时

稳

见微知著 行稳致远

Detailed control and long term view



螺旋内拉床(T05-30)

SPECIFICATION OF SCREW INTERNAL BROACHING MACHINE(T05-30)

加工样品 Sample



参数 parameters

	CCLC-T0510-LXSF	CCLC-T1517-LXSF	CCLC-T3019-LXSF
拉力(KN) Pulling force	50	150	300
最大行程(mm) Max. stroke	1000	1700	1900
切削速度(m/min,60Hz) Cutting speed	0-12	0-12	0-12
回程速度(m/min,60Hz) Return speed	20	20	20
拉刀升降装置行程(mm) Broach lifter stroke	/	/	1500
垫孔径(mm) Bolster hole diameter	80	120	160
工件最大直径(mm) Max. workpiece dia	120	180	240
主电动机(kW) Main motor	7.5	30	60
螺距控制方式 Pitch control mode	数字控制/CNC	数字控制/CNC	数字控制/CNC
工位数 workstation	1-2	1-2	1-2
机器高度(mm) Machine height	4000	6000	6500
占地面积(mm x mm) Floor space	1800x3000	2000x4000	2000x5000
重量(t) Weight	4	10	17



智造见初心

科技与匠心的本源呼应
Technology and craftsmanship echoing their origins



品质保证



加工定制



源头工厂



发货及时



特点

- 省电, 高效率, 高精度;
- 体积小, 节省空间;
- 依据客户特殊需求, 可量身定制。

Features

- Power saving, high efficiency, high accuracy;
- Small size, space saving;
- Customized according to the special needs of customers.

数控立式内拉床(T05-30)

SPECIFICATION OF CNC VERTICAL INTERNAL BROACHING MACHINE (T05-30)

加工样品 Sample



参数 parameters

	CCLC-T0508-SF	CCLC-T1012-SF	CCLC-T1515-SF	CCLC-T2018-SF	CCLC-T3019-SF
拉力(KN) Pulling force	50	100	150	200	300
最大行程(mm) Max. stroke	800	1200	1500	1800	1900
切削速度(m/min,60Hz) Cutting speed	0-12	0-12	0-12	0-12	0-12
回程速度(m/min,60Hz) Return speed	20	20	20	20	20
拉刀升降装置行程((mm) Broach lifter stroke	/	/	/	1500	1500
垫孔径(mm) Bolster hole diameter	80	100	100	120	140
工件最大直径(mm) Max. workpiece dia	120	140	150	200	220
主电动机(KW) Main motor	7.5	22	30	50	60
工位数 workstation	1-3	1-3	1-3	1-3	1-3
机器高度(mm) Machine height	3800	4500	5000	6000	6500
占地面积(mm x mm) Floor space	1500x3000	1500*3000	1600x3500	2000x4000	2500x5000
重量(t) Weight	6	8	10	12	16



节能70%

绿色智造新标杆
New Benchmark of Green Intelligent Manufacturing

加工样品 Sample



上拉式外拉床

PULL-UP EXTERNAL BROACHING MACHINE

特点

- 低能耗, 低噪音, 高效率, 同比传统液压拉床节能70%;
- 重切削表面加工机床;
- 表面加工专用的高效率拉床;
- 利用各种夹具和工作台, 实现加工的多样化;
- 利用高刚性, 长期维持高精度;
- 依据客户特殊需求, 可量身定制。



Features

- Low energy consumption, low noise, high efficiency, saving 70% energy compared to traditional hydraulic broaching machines;
- Heavy cutting surface machining machine;
- High efficiency broaching machine for surface processing;
- Utilize various fixtures and worktables to achieve diversified processing;
- Utilize high rigidity to maintain high accuracy for a long time;
- Customized according to the special needs of customers.

参数 parameters

CCLC-T2025-SFW2		
拉力(KN)	Pulling force	200
最大行程(mm)	Max. stroke	2500
切削速度(m/min,60Hz)	Cutting speed	0-15
回程速度(m/min,60Hz)	Return speed	0-20
拉刀升降装置行程(mm)	Broach lifter stroke	1500
垫孔径(mm)	Bolster hole diameter	/
工件最大直径(mm)	Max. workpiece dia	400
主电动机(kW)	Main motor	55
工位数	workstation	1-2
机器高度(mm)	Machine height	6000
占地面积(mm x mm)	Floor space	3000X6000
重量(t)	Weight	20



精微 通大道

小中见大的东方哲学
Oriental Philosophy of the Small in the Big

特点

省电 / 高效率 / 高精度
体积小 / 节省空间
依据客户特殊需求，可量身定制。

Features

Power saving / high efficiency / high accuracy
Small size / space saving
Customized according to the special needs of customers



高速硬拉床(T05-20)

SPECIFICATION OF HIGH-SPEED HARD DRAWING MACHINE(T05-20)



品质保证



加工定制



源头工厂



发货及时

加工样品 Sample



参数 parameters

	CCLC-T0510-SFYL	CCLC-T1012-SFYL	CCLC-T2013-SFYL
拉力(KN) Pulling force	50	100	200
最大行程(mm) Max. stroke	1000	1200	1300
切削速度(m/min,60Hz) Cutting speed	0-60	0-60	0-60
回程速度(m/min,60Hz) Return speed	20	20	20
拉刀升降装置行程(mm) Broach lifter stroke	0	0	0
工件最大直径(mm) Max. workpiece dia	150	200	300
主电动机(kW) Main motor	50	100	180
机器高度(mm) Machine height	3500	4000	4000
占地面积(mm x mm) Floor space	1500x2500	2000x3000	2000x3500
重量(t) Weight	8	10	15



品质保证



加工定制



源头工厂



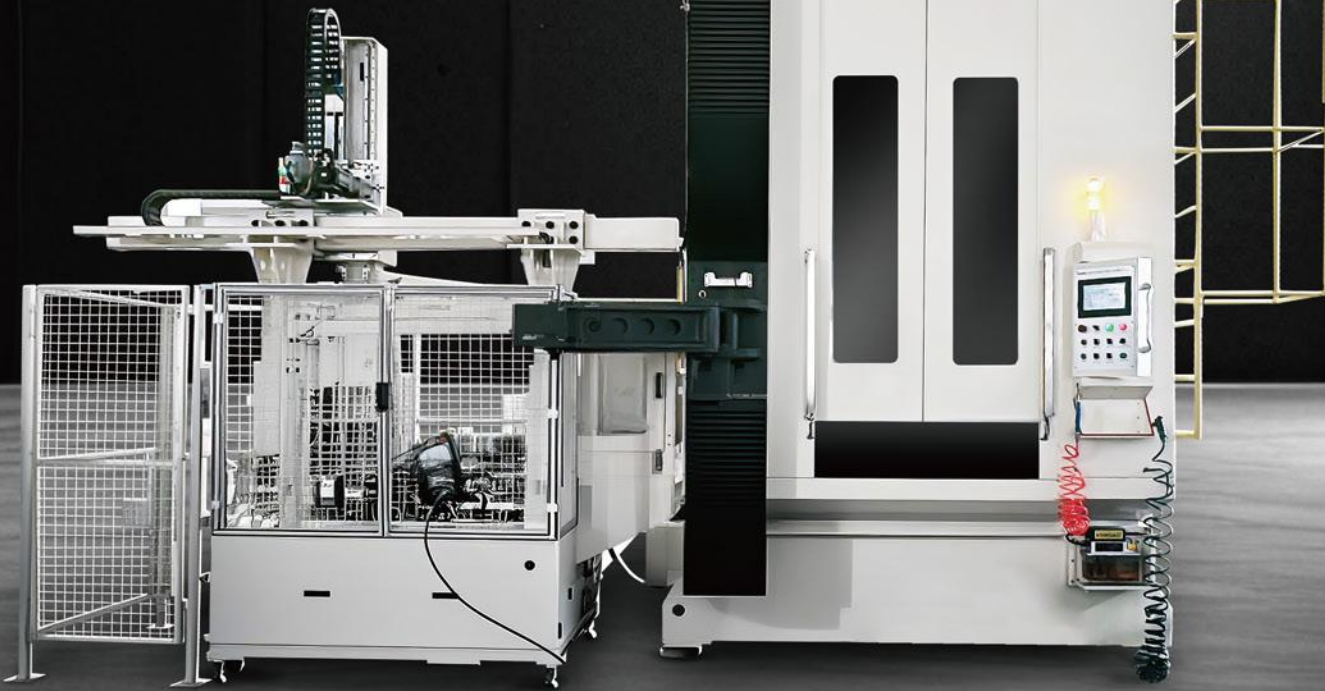
发货及时

特点

- 我司自主研发双丝杆对称设计,可以承受更大的拉力,吨位:40-100吨;
- 能够多轴的大批量生产用;
- 能够经受繁重切削的高刚性;
- 依据客户特殊需求,可量身定制。

Features

- Our company independently develops a symmetrical design of double screw rods, which can withstand greater tensile force.Tonnage: 40-100 shields;
- Capable of mass production with multiple axes;
- High rigidity capable of heavy cutting by love;
- Customized according to the special needs of customers.



以器载道 智造至诚
Artifacts Carry the Way of Craftsmanship

双丝杆大吨位伺服拉床(T40-100)

DOUBLE SCREW LARGE TONNAGE SERVO BROACHING MACHINE(T40-100)

加工样品 Sample



参数 parameters

	CCLC-T4020-SF	CCLC-T6020-SF	CCLC-T8025-SF	CCLC-T10025-SF
拉力(KN) Pulling force	400	600	800	1000
最大行程(mm) Max. stroke	2000	2000	2500	2500
切削速度(m/min,60Hz) Cutting speed	12	12	12	12
回程速度(m/min,60Hz) Return speed	12	12	12	12
垫孔径(mm) Bolster hole diameter	300	300	400	400
工件最大直径(mm) Max. workpiece dia	500	500	700	800
主电动机(kW) Main motor	2*45	2*55	2*70	2*95
工位数 workstation	1	1	1	1
机器高度(mm) Machine height	5700	5700	6500	6500
占地面积(mm x mm) Floor space	2500x3500	2500x4000	2500x5000	2500x6000
重量(t) Weight	20	28	32	45



品质保证



加工定制



源头工厂



发货及时

特点

- 专门用于表面加工:效率高,精密度高;
- 利用各种夹具和工作台,实现加工的多样化;
- 依据客户特殊需求,可量身定制。

Features

- Specially used for surface processing: high efficiency, high precision;
- Utilize various fixtures and worktables to achieve diversified processing;
- Customized according to the special needs of customers.



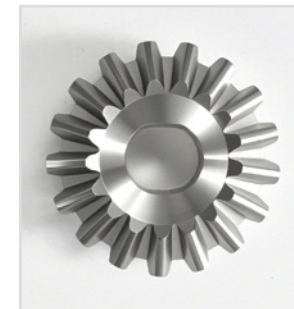
定制

万变夹具 千面智造
FIXTURES ∞ VERSATILITY

数控下拉式拉床(T05-20)

SPECIFICATION OF CNC PULL-DOWN BROACHING MACHINE(T05-20)

加工样品 Sample



参数 parameters

	CCLC-T0505-SF	CCLC-T1010-SF	CCLC-T1512-SF	CCLC-T2015-SF
拉力(KN) Pulling force	50	100	150	200
最大行程(mm) Max. stroke	500	1000	1200	1500
切削速度(m/min,60Hz) Cutting speed	0-12	0-12	0-12	0-12
回程速度(m/min,60Hz) Return speed	15	15	15	15
垫孔径(mm) Bolster hole diameter	80	100	100	120
工件最大直径(mm) Max. workpiece dia	80	120	150	200
主电动机(kW) Main motor	5.5	15	30	45
工位数 workstation	1-2	1-2	1-2	1-2
机器高度(mm) Machine height	3000	4500	5000	6000
占地面积(mm x mm) Floor space	1200x2000	1500x3000	1500x4000	2000x5000
重量(t) Weight	2.5	6.5	10	14



特点

- 清洗烘干一体机,可解决加工面残留的污渍;
- 重切削表面加工机床;
- 表面加工专用的高效拉床;
- 利用各种夹具和工作台,实现加工的多样化;
- 利用高刚性,长期维持高精度;

Features

- Cleaning and drying one machine, can solve the surface of the remaining stains;
- heavy cutting surface processing machine tools;
- surface processing dedicated to high efficiency broaching;
- use of various fixtures and worktables, processing to achieve diversification;
- use of high rigidity, long-term maintenance of high accuracy;



越 永不停歇
的自我超越
Never-ending self-transcendence



品质保证



加工定制



源头工厂



发货及时

全自动拉床(T05-10)

SPECIFICATION OF FULLY AUTOMATIC BROACHING MACHINE(T05-10)

加工样品 Sample



参数 parameters

		CCLC-T0505-ZDSF	CCLC-T1012-ZDSF
拉力(KN)	Pulling force	50	100
最大行程(mm)	Max. stroke	50	120
切削速度(m/min,60Hz)	Cutting speed	0-12	0-12
回程速度(m/min,60Hz)	Return speed	0-12	0-12
垫孔径(mm)	Bolster hole diameter	80	100
工件最大直径(mm)	Max. workpiece dia	120	140
主电动机(KW)	Main motor	5.5	15
工位数	workstation	1-2	1-2
机器高度(mm)	Machine height	3000	4000
占地面积(mm x mm)	Floor space	1000X2500	1500X3500
重量(t)	Weight	3.5	7.5



品质保证



加工定制



源头工厂



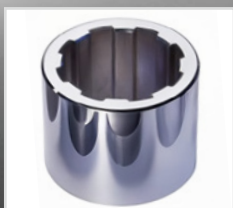
发货及时

德

Every cut is a declaration of the future
每一次切削都是未来宣言



加工样品 Sample

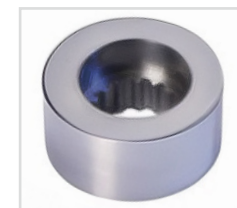


数控立式开槽机床

CNC VERTICAL GROOVING MACHINE TOOL

参数 parameters

	T70/400	T70/400	T70/400
应用领域 Application	沟槽、轮廓 Grooves, profiles		
优势 Advantage	高速 High speed		
沟槽宽度(mm) Groove width (mm)	2-70		
沟槽长度 (mm) Groove length (mm)	最大 400 max. 400	最大 600 max. 600	最大 800 max. 800
孔径(mm) Bore diameter (mm)	10-440		
切削力 (kN) Cutting force (kN)	<21		
连接负荷(kW) Connected load (kW)	11		
工作台尺寸(mm) Table size (mm)	840 x 840		
回程速度(m/min) Return speed (m/min)	<40		
进给(mm) Feed (mm)	0-5		
切割速度, 无级变速(m/min) Cutting speed, infinitely variable (m/min)	0-40		
电气设备 Electrical equipment	400 伏/ 50 赫兹 400V/ 50 Hz		
带编码器的行程控制 Stroke control with rotary encoder	直接安装在主轴上 directly on the spindle		
主轴制动器 Spindle brake	免维护 maintenance-free		
辅助装置 Auxiliary units	集成在机器框架内 integrated in the machine stand		
冷却装置 Coolant device	集成(泵、管道、喷嘴) integrated (pump, piping, spray nozzle)		
切屑处理 Chip disposal	配有外部芯片盒, 可实现不间断工作 with external chip box for uninterrupted work		





特点

- 清洗烘干一体机,可解决加工面残留的污渍;
- 重切削表面加工机床;
- 表面加工专用的高效率拉床;
- 利用各种夹具和工作台,实现加工的多样化;
- 利用高刚性,长期维持高精度;
- 依据客户特殊需求,可量身定制。

Features

- Cleaning and drying one machine, can solve the surface of the remaining stains;
- heavy cutting surface processing machine tools;
- surface processing dedicated to high efficiency broaching;
- use of various fixtures and worktables, processing to achieve diversification;
- use of high rigidity, long-term maintenance of high accuracy;
- Customized according to the special needs of customers.



品质保证



加工定制



源头工厂



发货及时



质量筑基

Quality builds foundation

创新驱动

Innovation drives

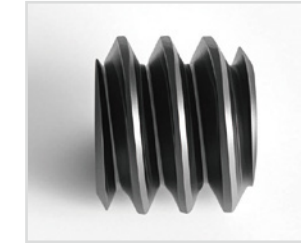
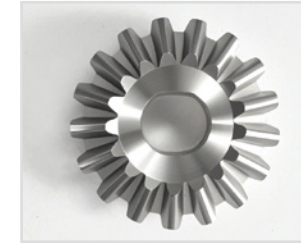
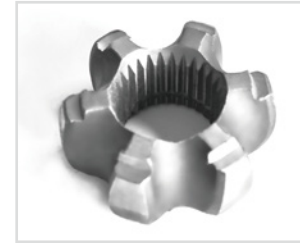
价值共享

value sharing

自动上下料拉床(定制款)

AUTOMATIC LOADING AND UNLOADING BROACHING MACHINE(CUSTOMIZED MODEL)

加工样品 Sample



加工前



加工后

参数 parameters:

	CCLC-T0508-ZDSF	CCLC-T1010-ZDSF	CCLC-T1515-ZDSF
拉力(KN) Pulling force	50	100	150
最大行程(mm) Max. stroke	800	1000	1500
切削速度(m/min,60Hz) Cutting speed	12	12	12
回程速度(m/min,60Hz) Return speed	12	12	12
垫孔径(mm) Bolster hole diameter	80	120	150
工件最大直径(mm) Max. workpiece dia	100	150	200
工位数 workstation	1-2	1-2	1-2
机器高度(mm) Machine height	3500	4200	5500
占地面积(mm x mm) Floor space	1200x2400	1400x2400	4400x3000
重量(t) Weight	3.5	7.5	11

数控立式外拉床(T10-20)

SPECIFICATION OF CNC VERTICAL EXTERNAL BROACHING MACHINE(T10-20)



品质保证



加工定制



源头工厂



发货及时

特点 Features:

- 省电, 高效率, 高精度;
 - 体积小, 节省空间;
 - 依据客户特殊需求, 可量身定制。
- Power saving, high efficiency, high accuracy;
 - Small size, space saving;
 - Customized according to the special needs of customers.



参数 parameters:

	CCLC-T1015-SFWL	CCLC-T2020-SFWL
拉力(KN) Pulling force	100	200
最大行程(mm) Max. stroke	1500	2000
切削速度(m/min,60Hz) Cutting speed	0-12	0-12
回程速度(m/min,60Hz) Return speed	12	12
拉刀升降装置行程(mm) Broach lifter stroke	0	2000
工件最大直径(mm) Max. workpiece dia	200	400
主电动机(kW) Main motor	30	70
机器高度(mm) Machine height	4500	6500
占地面积(mm x mm) Floor space	2000x3000	2000x5000
重量(t) Weight	12	20

加工样品 Sample



双工位数控立式端面拉床(定制款)

DUAL STATION CNC VERTICAL END BROACHING MACHINE(CUSTOMIZED)



品质保证



加工定制



源头工厂



发货及时

特点 Features:

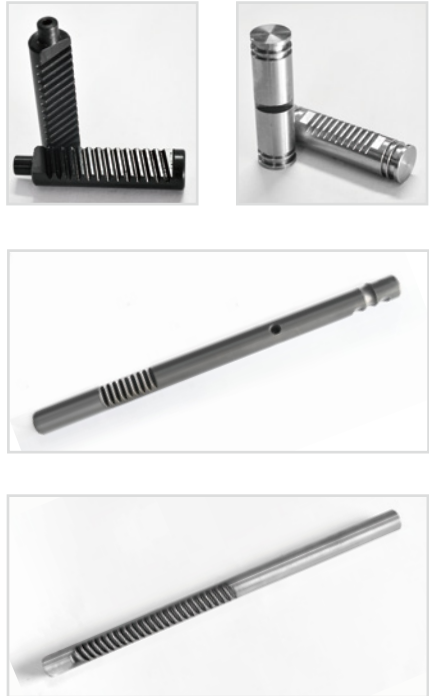
- 一次两只产品同时加工, 可大大提高工作效率;
 - 重切削表面加工机床;
 - 表面加工专用的高效率拉床;
 - 利用各种夹具和工作台, 实现加工的多样化;
 - 利用高刚性, 长期维持高精度;
 - 依据客户特殊需求, 可量身定制。
- two products processed at the same time at a time can greatly improve the efficiency of work;
 - heavy-cutting surface-finishing machines;
 - high-efficiency broaching machines for surface-finishing;
 - the use of various fixtures and worktables to achieve a variety of processing;
 - the use of high-rigidity, long-term maintenance of high accuracy;
 - Customized according to the special needs of customers.



参数 parameters:

	CCLC-T3015-SFWL
拉力(KN) Pulling force	300
最大行程(mm) Max. stroke	1500
切削速度(m/min,60Hz) Cutting speed	12
回程速度(m/min,60Hz) Return speed	12
工件最大直径(mm) Max. workpiece dia	300
主电动机(kW) Main motor	42
工位数 workstation	2
机器高度(mm) Machine height	4500
占地面积(mm x mm) Floor space	2200x4000
重量(t) Weight	22

加工样品 Sample



销售领域 SALES AREA



- 我们在该领域拥有超过20年的经验。
- 软、硬件都是自主研发、设计。
- 我们的机器不仅畅销国内市场，还远销东南亚、中东、非洲、欧美等世界各国和地区，为数万个合作客户降低成本，提高了利润。
- We have over 20 years of experience in this field.
- The software and hardware are independently developed and designed.
- Our machines not only sell well in the domestic market, but also exported to Southeast Asia, the Middle East, Africa, Europe and the United States and other countries and regions in the world, for tens of thousands of cooperative customers to reduce costs and increase profits.

服务 SERVICE



-  产品签收后免费上门安装调试，以及客户公司员工技术培训。
Free door-to-door installation and debugging after signing the receipt of the product, as well as technical training for the staff of the customer's company.
-  质保期内有故障，专人免费维修及定期回访，质保期后的维修服务只收取维修成本费。
Warranty period has a fault, free maintenance and regular visits, after the warranty period of maintenance services only charge maintenance cost fee.
-  长期为客户供应设备零配件。
Long-term supply of equipment spare parts for customers.
-  承诺出现质量问题时，无理由、无条件在规定时间内到现场服务。
Commitment to quality problems, no reason, unconditional service to the scene within the specified time.