

公司总部及各办事处联系方式



中国华南研发制造基地

South China R&D and Manufacturing Base

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中国华东研发制造基地

East China R&D and Manufacturing Base

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CNC智能数控装备

CNC SMART EQUIPMENT



全国统一客服热线

Domestic Service Hotline

400-096-8005

Http://www.topstarltd.com

TSDSC2023-B

股票代码 Stock Code 300607

目录

CONTENTS

PART

01

CNC智能数控装备

CNC intelligent numerical control equipment

公司简介 Company profile	02-03
企业文化 Company Culture	04-04
资质评定 Qualification evaluation	05-05
发展历程 Development History	06-07

PART

02

秉承工匠精神，技术驱动未来

Adhering to the spirit of craftsmanship, technology drives the future

技术工艺 Technology	10-11
钻攻中心系列 Drilling Center series	12-13
立式加工中心三线系列 Vertical Machining Center Three-line Series	14-17

PART

03

客户服务—服务平台

Chapter of Service-service platform

售后服务 After-Sale Service	20-20
全球服务网点 Global Service Net	21-21

01

CNC智能数控装备

CNC intelligent numerical control equipment

公司简介、企业文化、资质评定、发展历程

Company profile、Company Culture、Qualification evaluation、Development History



COMPANY PROFILE

公司简介

广东拓斯达科技股份有限公司（简称：拓斯达，股票代码：300607）成立于2007年，总部位于广东省东莞市大岭山镇，注册资本4.25亿元。

拓斯达坚持“让工业制造更美好”的企业使命，通过以工业机器人、注塑机、CNC为核心的智能装备，以及控制、伺服、视觉三大核心技术，打造以核心技术驱动的智能硬件平台，为制造企业提供智能工厂整体解决方案。截至2023年3月，公司已在全国设有近40家办事处，触达客户超20万家，服务客户超15000家。

Guangdong Topstar Technology Co., Ltd. (abbreviation: Topstar, stock code: 300607) was established in 2007 and is headquartered in Dalingshan Town, Dongguan City, Guangdong Province with a registered capital of 425 million yuan.

Topstar adheres to the corporate mission of "making industrial manufacturing better", and creates an intelligent hardware platform driven by core technologies through intelligent equipment centered on industrial robots, injection molding machines, and CNC, as well as three core technologies of control, servo, and vision, to provide manufacturing enterprises with an overall smart factory solution. As of March 2023, the company has established nearly 40 offices across the country, reaching more than 200,000 customers and serving more than 15,000 customers.

注册资本
Registered Capital **4.25** 亿元

办事处近
Offices **40** 家

服务客户超
Serving Customers **15000** 家

授权专利
Patents **659** 项

软件著作权
Software Copyright **77** 项

研发技术人员近
R&D Technicians **1000** 人

公司是国家高新技术企业、国家绿色工厂、广东省机器人骨干企业、广东省服务型制造示范企业、广东省智能制造生态合作伙伴、东莞市“倍增计划”试点企业、东莞数字化转型服务商企业，建有广东省企业重点实验室、广东省工程技术研究中心、广东省企业技术中心、广东省博士工作站、东莞市技师工作站等人才及科研平台、东莞市双创人才示范点。公司荣获“东莞市政府质量奖”“东莞市先进集体”“东莞市友善企业”“2022年度东莞市非公有制工业企业（集团）贡献奖”等奖项，并入选“2021中国智能制造50强”“2021广东企业500强”“2021工业机器人TOP50”“2022年广东省制造业企业500强”等榜单。

Topstar is a National High-Tech Enterprise, National Green Factory, Guangdong Provincial Robot Key Enterprise, Service-oriented manufacturing demonstration enterprise in Guangdong, Intelligent Manufacturing Ecological Partner of Guangdong, Dongguan "Doubling Plan" Pilot Enterprise, Dongguan Digital Transformation Service Provider Enterprise, and has built Guangdong Enterprise Key Laboratory, Guangdong Engineering Technology Research Center, Guangdong Enterprise Technology Center, Guangdong Doctoral Workstation, Dongguan Technician Workstation and other talent and scientific research platforms, Demonstration Site for innovation and entrepreneurship talents in Dongguan. The company won the "Dongguan Municipal Government Quality Award", "Dongguan Advanced Collective", "Dongguan Friendly Enterprise", "2022 Dongguan Non-public Industrial Enterprise (Group) Contribution Award" and other awards, and was selected as "2021 China's Top 50 Intelligent Manufacturing Enterprises" and "2021 Guangdong Top 50 Enterprises", "2021 Industrial robot TOP50", "Top 500 Manufacturing Enterprises in Guangdong in 2022", etc.

Company Culture

企业文化

企业使命

Enterprise Mission

让工业制造更美好

Make Industrial Manufacturing Better

企业定位

Enterprise Positioning

以核心技术驱动的智能硬件平台

Intelligent hardware platform driven by core technology

企业愿景

Enterprise Vision

助力100万制造企业实现智能制造

助力100万工程师服务于智能制造

To help millions of manufacturing enterprises to realize intelligent manufacture
To help millions of engineers serving the intelligent manufacture

核心价值观

Core Values

全心全意为客户服务

群体奋斗，群体成功

Wholeheartedly for Customer Service
Together We Strive, Together We Achieve

组织气质

Team Spirit

开放协同，因我不同

Cooperate but respect personality

拓斯达不是雇佣和解雇型企业，而是打造创业型平台，集众人之力，实现凭一己之力所无法达成目的的平台，其核心精神是“分享”。——《拓斯达宣言》

TOPSTAR is not a hiring or dismissal enterprise, but aim to create a business platform, which setting the power of everyone to achieve the goal which can not be achieved by their own. Its core spirit is "share".



Qualification Evaluation

资质评定

拓斯达坚持技术为王的经营理念，先后取得了各项高新技术企业的资质和认证，为客户提供先进和高端的产品。

Topstar adheres to the bussiness philosophy,which puts technology in the dominant position. It has successively obtained many qualifications and certifications of high-tech enterprises, and provided the most advan and high-end product to customers.

国家级高新技术企业认证、欧盟CE认证、ISO9001质量体系认证、广东省名牌机器人、广东省“守合同重信用”企业、粤港澳大湾区联合创新中心创新基地、累计产品技术专利659项、广东省级企业技术中心、华南理工大学产学研合作基地、校企合作实践基地....

National high-tech enterprise certification、CE Certification、ISO9001 Quality System Certification、Guangdong Province Top Brand Robot、Guangdong Province "contracts observing and credit honoring" enterprises、Guangdong-Hong Kong-Macao Greater Bay Area Joint Innovation Center、659 technology patenes for products、Guangdong province enterprise technology center、South China University of technology production and research cooperation base、School-enterprise cooperation practice base....



DEVELOPMENT HISTORY

发展历程

2008

开拓市场 创新研发辅机

研发出新型节能三机一体机；
研发出直接冷却160度水温机，降温速度更快。

2008

Expanded the market and conducted innovative R&D on auxiliary equipment

Developed new type of energy-saving three-in-one equipment.

Developed 160 °C direct cooling water circulating temperature controller, increasing cooling efficiency.

2009

提高产品自产率 客户达1000家

成立拓斯达商学院；
市场成交客户量突破1000家；
成立钣金工厂，提高自产率，产能再次提升。

2009

Increased independent production capacity; more than 1,000 customers

Established Topstar Business School.
Customer base exceeds 1,000 customers.
Established sheet metal factory, enhancing independent production capacity and rate.

2010

开发机械手 布局全国市场

开发机械手产品，成为自动化系统输出全套产业链运营商；
设立无锡办事处，辐射华东，开启全国市场布局；
与清华大学合作，引入先进企业管理理念。

2010

Developed manipulator products and expanded market across China

Developed manipulator products and become a comprehensive automation system industry chain operator.
Established Wuxi office to cover markets in East China and launched the national market layout.
Introduced advanced enterprise management concept in partnership with Tsinghua University.

2007

50万注册资金起步

拓斯达以50万元注册资金注册成立；
提出“打造一流品质”的企业和产品定位。

2007

Company established with a registered capital of RMB 500,000

Topstar was incorporated with a registered capital of RMB 500,000.
“Creating first-class quality” enterprise and product positioning proposed.

2011

注塑自动化全套解决方案运营商

自主研发的三轴、五轴伺服机械手上市，获得广泛好评；
确立整体注塑自动化解决方案的发展方向，提出主动服务理念；
成功举办“华南塑料工业高端论坛”。

2011

Became injection molding automation total solution operator

Launched independently developed three-axis and five-axis servo manipulators in the market, which gained wide market recognition.
Established the development direction of the overall injection molding automation solution, and launched active service concept.
Successfully held South China Plastics Industry High-end Forum.

2012

认证高新企业 布局全球市场

获得国家高新技术企业称号；
布局全球市场，产品销往东南亚、欧洲、南美洲等地；
与华南理工大学签署产学研合作协议。

2012

Certified as a high-tech enterprise and established global market layout

Awarded the National High-tech Enterprise title.
Established global market layout with products sold in Southeast Asia, Europe, South America, and other regions.
Signed an industry-university-research cooperation agreement with South China University of Technology.

2013

引入战略投资 多领域拓展自动化应用场景

投资3亿扩产自动化制造基地，项目纳入东莞市重点建设项目；

组建自动化项目部，布局打磨、冲压、压铸等多领域自动化应用场景；进行股份制改革，核心员工持股。

2013

Introduced strategic investments and developed multi-field automation

Invested RMB 300 million to expand the automatic manufacturing base's production capacity; the project was included in the key construction project of Dongguan City.

Established the Automation Project department, set up automation in grinding, stamping, die-casting, and other fields, conducted joint-stock system reform, and initiated share ownership by core employees.

2014

挂牌新三板 响应“机器人”政策

挂牌新三板，实现同步定增；
率先响应“机器人”政策，提出一年回本的自动化理念；
华北、华中营销中心成立，全国新设20余办事处。

2014

Listed in the new OTC market and took the lead in “machines replacing humans” policy

Listed on the new OTC market and realized concurrent directional add-issuance.
Took the lead in the “machines replacing humans” policy and proposed 1-year ROI on automation concept.
Established North China and Central China marketing centers and more than 20 new offices across China.

2015

掌握核心技术 研发工业机器人

掌握控制系统核心技术，布局工业机器人研发；
形成工业机器人、自动化解决方案、整厂水电气系统、配套设备等多领域智能制造体系。

2015

Acquired expertise in core technologies and conducted R&D on industrial robots

Mastered the core technology of the control system and formulated R&D plan for industrial robots.

Established a multi-field intelligent manufacturing system including industrial robot, automation solution, whole plant water and electrical system, and ancillary equipment.

2016

整合上下游资源 打造智能生态圈

自主研发六轴工业机器人本体上市；
提出打造软件研发、本体设计、集成方案、整厂自动化四位一体的智能制造生态圈理念；
整合上下游资源，与ABB签订战略合作协议，深入展开合作。

2016

Integrated upstream and downstream resources and created intelligent ecosystem

Launched the independently developed six-axis industrial robots in the market.

Proposed the concept of creating a four-in-one intelligent manufacturing ecosystem of software R&D, robot design, integration solution, and whole-plant automation.

Integrated upstream and downstream resources and signed strategic cooperation agreement with ABB to carry out in-depth cooperation

2017

登陆创业板 实施员工持股计划

创业板上市，股票代码300607，实施员工持股计划惠及200余人；
打造以工业机器人为核心，软硬件结合的智能制造综合服务体系，通过四部两院组织架构输出智能制造整体解决方案；
导入SAP信息化管理及任职资格体系，提升管理团队效能。

2017

Listed on GEM and expanded employee stock ownership

Listed on GEM with stock code 300607, and expanded stock ownership to more than 200 employees.
Built a comprehensive intelligent manufacturing service system integrating hardware and software with industrial robots at the core, and launched total intelligent manufacturing solutions by organizationally restructuring four departments and two academies.

Introduced SAP information management and qualification system to improve management and operational efficiency.

2018

新园区 新使命

发布企业全新使命、愿景、价值观，确定新组织气质；
迁入新园区，举办首届全球开放日；
优化产业布局，收购野田智能、筹建苏州生产研发基地、置地松山湖。

2018

Relocated to the new park and released new company mission

Released the company's new mission, vision, and values and defined the new organizational outlook.
Relocated to the new park and held the first Global Open Day session.

After optimizing the industrial layout, the company acquired Noda, prepared for the construction of Suzhou Production and R&D Base, and purchased land in Songshan Lake area.

2019

拿结果 强组织 做价值

骧骧科技成立，布局产业互联网；
公开增发募集资金6.5亿元用于苏州生产基地建设；
拓星辰系列上市，拓星河1号进入Beta阶段。

2019

Targeted improved results, strengthened the organization, and realized value generation

Established TUOTUO Technology to layout the industrial internet.
Raised RMB 650 million through public secondary offering. Launched TXC series in the market and TXH No.1 entered the beta stage.

2020

新产品 新赛道

组建自有研发团队，开拓注塑机业务线，实现注塑业务整体解决方案全产品闭环；
开拓CNC数控机床业务线；
董事长吴丰礼参加习近平总书记主持召开的企业家座谈会；
服务客户数突破10000家。

2020

Launched new products and started on a new track

Established independent R&D team, launched the injection molding machine business line and provided total solutions to injection molding businesses.
Exploit the CNC machine tool business line.
Chairman Wu Fengli attended the entrepreneurs' symposium presided over by President Xi Jinping.
Customer base exceeds 10,000 customers.

2021

强战略 定核心

提出“以核心技术驱动的智能硬件平台”战略定位；
确立以工业机器人、注塑机、CNC数控机床为三大核心产品；
发行可转债募资6.7亿元用于建设智能制造整体解决方案研发及产业化项目；
拓斯达智能设备总部基地（大岭山连平）项目完成摘牌；
布局五轴高端数控机床赛道，控股埃弗米。

2021

Strengthened strategies and initiated platform-oriented business

Launched “integration robot” on the automation equipment integrated service platform.
Established industrial robots, injection molding machines and CNC as the three core products.
Raised RMB 670 million by issuing convertible bonds to construct R&D facilities and to develop total intelligent manufacturing industrialization projects.
Completed and delisted Topstar intelligent equipment headquarter base project (Lianping, Dalingshan).
Layout the five-axis high-end CNC machine tool track, holding AFM company.

2022

扩产品 强建设

TMII机铰式液压伺服驱动注塑机、GMU-600五轴联动加工中心、TRH002-400-150-A系列高速机器人齐面市；
拓斯达智能设备总部大岭山连平基地二期顺利摘牌；
拓斯达松山湖研发总部基地喜封金顶；
拓斯达小程序上线；
智能设备总部基地一期主体结构喜迎封顶。

2022

Products expansion and strong construction

Toggle hydraulic servo-driven injection molding machine TM II, five-axis machining center GMU-600 and high-speed robot TRH002-400-150-A come onto the market together.
Topstar intelligent equipment headquarters in Dalingshan Lianping Base Phase II accomplished.
Topstar Songshan Lake R&D headquarters infrastructure construction base is finished.
Topstar mini program is on line.
The main structure of the first phase of the intelligent equipment headquarters base was completed in delight.

02

秉承工匠精神，技术驱动未来

Adhering to the spirit of craftsmanship, technology drives the future

钻攻中心特点、立式加工中心三线系列特点

Characteristics of Drilling Center、Features of Vertical Machining Center Three-line Series

Adhering to the spirit of craftsmanship, technology drives the future

秉承工匠精神，技术驱动未来

刚性 RIGIDITY

- 高刚性、直接式台湾主轴，Z轴采用滚柱线轨，具备高刚性、高稳定性的铣削特点；
- 床体为加宽加大整体铸件，加宽鞍座，机床在设计过程中通过有限元分析使结构更加合理。
- High rigidity, direct Taiwan spindle, z-axis adopts roller rail, which has the milling characteristics of high rigidity and high stability;
- The machine body is a widened and large-scale integral casting, and the saddle is also widened. The structure of the machine tool is more reasonable through finite element analysis in the design process.

效率 EFFICIENCY

- T6台湾原装圣杰斗笠式刀库，采用伺服电机控制刀库旋转，通过联动换刀机构，运转速度快，位置精度高，保证快速换刀；
- 控制系统采用标准配置三菱M80数控系统。配备第四轴接口，工件/刀具测量接口，标准RS-232接口及DNC功能。
- T6 Taiwan's original Sanjet hat type tool magazine adopts the servo motor to control the rotation of the tool magazine. Through the linkage tool change mechanism, it has fast operation speed and high position accuracy to ensure rapid tool change;
- The control system adopts Mitsubishi M80 numerical control system with standard configuration. Equipped with the fourth axis interface, work piece or tool measurement interface, standard RS-232 interface and DNC function.

精度 ACCURACY

- 各传动轴均采用激光测量仪补偿，使各轴定位精度更加准确；
- 主轴利用动态平衡校正设备，直接校正主轴动态平衡，使主轴在高速运转时，避免产生共振现象，确保的加工精度。
- Each transmission shaft is compensated by laser measuring instrument, so that the positioning accuracy of each shaft is more accurate;
- The main shaft uses the dynamic balance correction equipment to directly correct the dynamic balance of the main shaft, so as to avoid resonance when the main shaft is running at high speed and ensure the machining accuracy.



拓斯达以无以伦比的坚持与创新，以掌握核心技术和技术革新为动力；依托多年的行业经验，为您提供高效的零件加工**自动化解决方案**。

Topstar takes unparalleled persistence and innovation, and is driven by mastering core technology and technological innovation; Relying on years of industry experience, we will provide you with efficient parts processing automation solutions.



Technology

技术工艺

主轴电机动平衡

Spindle motor dynamic balance

三轴移动磨合
72H

Tool library three-axis mobile running-in 72H

镭射检测

Laser detection

几何精度检测

Geometric accuracy detection

三次元试切
精度检测

Three-dimensional trial cutting accuracy detection

Drilling Center series—T6

钻攻中心系列—T6

效率与精度的完美结合

The perfect combination of efficiency and precision



图片以实物为准
The picture shall be subject to the real object.

Application area

应用领域

广泛应用于新能源、汽车零部件、3C、医疗等行业。
Widely used in new energy, auto parts, 3C, medical and other industries.



项目 Item			T6
加工范围 Processing range	X轴行程 X axis stroke	mm	600
	Y轴行程 y axis stroke	mm	400
	Z轴行程 z axis stroke	mm	320
	主轴端面至工作台距离 Distance from spindle end to workbench	mm	170 - 490
工作台 Workbench	工作台面积 Workbench area	mm	700 × 420
	最大承重 Max weight capacity	kg	250
	T型槽 (宽度 × 槽数 × 间距) T-slot (width*slot number*spacing)	mm	14T × 3 × 120
主轴 Spindle	主轴驱动方式 Spindle drive mode	\	直驱 Direct drive
	主轴转速 main axis speed	rpm	20000
	主轴功率 (连续/过载) Spindle power (continuous/overload)	kW	3.7/5.5
	主轴扭矩 (连续/过载) Spindle torque (continuous/overload)	N.m	14/18
	主轴锥孔 Spindle taper	\	BT30
进给驱动 Feed drive	拉钉角度 Pull nail angle	°	45°
	X、Y、Z轴快移速度 X, Y, Z axis rapid traverse speed	m/min	48/48/48(36)
	X、Y、Z轴伺服电机功率 X, Y, Z axis servo motor power	kW	1.5/1.5/3
	X、Y、Z轴伺服电机转速 X, Y, Z axis servo motor speed	rpm	3000/3000/3000
	X、Y、Z轴丝杠直径 X, Y, Z axis screw diameter	mm	28/28/32
刀库 Tool library	线性导轨 (线轨宽/滑块数量) Linear guide rail (line rail width/number of sliders)	mm	XYZ:30 × 2
	刀库容量 Tool library capacity	把	21
	刀库形式 Tool library form	\	斗立伺服刀库 Douli Servo Tool Magazine
	刀具最大直径/邻空刀 Maximum tool diameter / adjacent empty tool	mm	φ60/φ80
	最大刀具长度 Maximum tool length	mm	200
	刀具最大重量 Maximum tool weight	kg/把	2
换刀时间 Tool change time	s	1.4	
定位精度 positioning accuracy	X/Y/Z轴	mm	0.008
重复定位精度 Repeated positioning accuracy	X/Y/Z轴	mm	0.005
数控系统 CNC system	\	\	三菱M80 Mitsubishi M80
气源压力 Air pressure	MPa		0.5 - 0.8
机床电源 Machine power	V/Hz		380V/50Hz
机床重量 Machine weight	KG		约3200
占地面积 Floor space	mm		1800 × 2100

选配 Optional

1.系统 System	<input type="checkbox"/> 三菱M80A系统 Mitsubishi M80A System	<input type="checkbox"/> 西门子系统 Siemens System	<input type="checkbox"/> Fanuc系统 Fanuc System	<input type="checkbox"/> 新代系统 Syntec System	5.探头 Probe	<input type="checkbox"/> 雷尼绍OMP40-2 Renishaw OMP40-2	<input type="checkbox"/> 国产品牌 Domestic brands
2.主轴 Spindle	<input type="checkbox"/> 直连24000rpm direct drive 24000rpm				6.立柱加高 Heightened probe column	<input type="checkbox"/> 加高200mm 200mm heightened	
3.接触式对刀仪 Contact tool setter	<input type="checkbox"/> 雷尼绍 Renishaw	<input type="checkbox"/> 美德龙 Metrol	<input type="checkbox"/> 国产品牌 Domestic brands		7.排屑机 Chip conveyor	<input type="checkbox"/> 链式排屑机 Chain chip conveyor	
4.四轴五轴 four-axis and five-axis	<input type="checkbox"/> 恒望 Hengwang	<input type="checkbox"/> 潭佳 Tanjia	<input type="checkbox"/> 古田 Gutian		8.主轴中心出水 Central water outlet of main shaft:	<input type="checkbox"/> 2Mpa中心出水(水过滤、高压泵) 2MPa central water outlet (water filtration, high-pressure pump)	

Vertical Machining Center Three-line Series—V856、V1165

立式加工中心三线系列——V856、V1165

零件、模具等产品精加工最佳利器

The best tool for finishing parts, molds, and other products



图片以实物为准
The picture shall be subject to the real object.

Application area

应用领域

广泛应用于新能源、汽车零配件、机械自动化、医疗器械等行业。

Widely used in new energy, auto parts, machinery automation, medical equipment and other industries.



项目 Item			V856	V1165
加工范围 Processing range	X轴行程 X axis stroke	mm	800	1100
	Y轴行程 y axis stroke	mm	550	650
	Z轴行程 z axis stroke	mm	600	650
	主轴端面至工作台距离 Distance from spindle end to workbench	mm	90 - 690	100 - 750
工作台 Workbench	工作台面积 Workbench area	mm	1000 × 550	1200 × 650
	最大承重 Max weight capacity	kg	680	800
	T型槽 (宽度 × 槽数 × 间距) T-slot (width*slot number*spacing)	mm	18T × 5 × 100	18T × 5 × 110
主轴 Spindle	主轴驱动方式 Spindle drive mode	\	直驱 Direct drive	直驱 Direct drive
	主轴转速 main axis speed	rpm	12000	12000
	主轴功率 (连续/过载) Spindle power (continuous/overload)	kW	7.5/11	11/15
	主轴扭矩 (连续/过载) Spindle torque (continuous/overload)	N.m	36/96	53/118
	主轴锥孔 Spindle taper	\	BT40	BT40
	拉钉角度 Pull nail angle	°	45°	45°
进给驱动 Feed drive	X、Y、Z轴快移速度 X, Y, Z axis rapid traverse speed	m/min	40/40/40	36/36/36
	X、Y、Z轴伺服电机功率 X, Y, Z axis servo motor power	kW	2/2/3	3/3/3
	X、Y、Z轴伺服电机转速 X, Y, Z axis servo motor speed	rpm	3000/3000/3000	3000/3000/3000
	X、Y、Z轴丝杠直径 X, Y, Z axis screw diameter	mm	40/40/40	40/40/40
	线性导轨 (线轨宽/滑块数量) Linear guide rail (line rail width/number of sliders)	mm	X:35x2 Y:45x2 Z:45x3	XY:45 x 2 Z:45 x 3
刀库 Tool library	刀库容量 Tool library capacity	把	24	24
	刀库形式 Tool library form	\	刀臂机械刀库 Tool arm mechanical tool magazine	刀臂机械刀库 Tool arm mechanical tool magazine
	刀具最大直径/邻空刀 Maximum tool diameter / adjacent empty tool	mm	Φ78/Φ150	Φ78/Φ150
	最大刀具长度 Maximum tool length	mm	300	300
	刀具最大重量 Maximum tool weight	kg/把	8	8
	换刀时间 Tool change time	s	2.5	2.5
定位精度 positioning accuracy	X/Y/Z轴	mm	0.01	0.01
重复定位精度 Repeated positioning accuracy	X/Y/Z轴	mm	0.005	0.005
数控系统 CNC system	\	三菱M80 Mitsubishi M80	三菱M80 Mitsubishi M80	
气源压力 Air pressure	MPa	0.6-0.8	0.6-0.8	
机床电源 Machine power	V/Hz	380V/50Hz	380V/50Hz	
机床重量 Machine weight	KG	约5500	约6700	
占地面积 Floor space	mm	2400 × 2600	3200 × 2600	

选配 Optional

1.系统 System	<input type="checkbox"/> 三菱M80A系统 Mitsubishi M80A System	<input type="checkbox"/> 西门子系统 Siemens System	<input type="checkbox"/> Fanuc系统 Fanuc System	<input type="checkbox"/> 新代系统 Syntec System	5.探头 Probe	<input type="checkbox"/> 雷尼绍OMP40-2 Renishaw OMP40-2	<input type="checkbox"/> 国产品牌 Domestic brands
2.主轴 Spindle	<input type="checkbox"/> 皮带8000rpm Belt drive 8000rpm				6.立柱加高 Heightened probe column	<input type="checkbox"/> 加高200mm 200mm heightened	
3.接触式对刀仪 Contact tool setter	<input type="checkbox"/> 雷尼绍 Renishaw	<input type="checkbox"/> 美德龙 Metrol	<input type="checkbox"/> 国产品牌 Domestic brands		7.排屑机 Chip conveyor	<input type="checkbox"/> 链式排屑机 Chain chip conveyor	
4.四轴五轴 four-axis and five-axis	<input type="checkbox"/> 恒望 Hengwang	<input type="checkbox"/> 潭佳 Tanjia	<input type="checkbox"/> 古田 Gutian		8.主轴中心出水 Central water outlet of main shaft:	<input type="checkbox"/> 2Mpa中心出水(水过滤、高压泵) 2MPa central water outlet (water filtration, high-pressure pump)	

Vertical Machining Center Three-line Series—V1370

立式加工中心三线系列——V1370

刚性与稳定性完美匹配

Perfect match of rigidity and stability



图片以实物为准
The picture shall be subject to the real object.

Application area

应用领域

广泛应用于模具、夹具、自动化、铸件等行业。

Widely used in mold, fixture, automation, casting and other industries.



项目 Item			V1370
加工范围 Processing range	X轴行程 X axis stroke	mm	1300
	Y轴行程 y axis stroke	mm	700
	Z轴行程 z axis stroke	mm	700
	主轴端面至工作台距离 Distance from spindle end to workbench	mm	110-810
工作台 Workbench	工作台面积 Workbench area	mm	1400 x 800
	最大承重 Max weight capacity	kg	1000
	T型槽 (宽度 × 槽数 × 间距) T-slot (width*slot number*spacing)	mm	18 x 7 x 105
主轴 Spindle	主轴驱动方式 Spindle drive mode	\	直驱 Direct drive
	主轴转速 main axis speed	rpm	12000
	主轴功率 (连续/过载) Spindle power (continuous/overload)	kW	11/15
	主轴扭矩 (连续/过载) Spindle torque (continuous/overload)	N.m	53/118
	主轴锥孔 Spindle taper	\	BT40
拉钉角度 Pull nail angle	°	45°	
进给驱动 Feed drive	X、Y、Z轴快移速度 X, Y, Z axis rapid traverse speed	m/min	30/30/20
	X、Y、Z轴伺服电机功率 X, Y, Z axis servo motor power	kW	3/3/3
	X、Y、Z轴伺服电机转速 X, Y, Z axis servo motor speed	rpm	3000/3000/3000
	X、Y、Z轴丝杠直径 X, Y, Z axis screw diameter	mm	40/40/40
刀库 Tool library	线性导轨 (线轨宽/滑块数量) Linear guide rail (line rail width/number of sliders)	mm	X:45 x 3 Y:45 x 2 Z:45 x 3
	刀库容量 Tool library capacity	把	24
	刀库形式 Tool library form	\	刀臂式刀库 Arm type tool magazine
	刀具最大直径/邻空刀 Maximum tool diameter / adjacent empty tool	mm	Φ78/Φ150
	最大刀具长度 Maximum tool length	mm	300
刀具最大重量 Maximum tool weight	kg/把	8	
换刀时间 Tool change time	s	2.5	
定位精度 positioning accuracy	X/Y/Z轴	mm	0.012
重复定位精度 Repeated positioning accuracy	X/Y/Z轴	mm	0.008
数控系统 CNC system	\	\	三菱M80 Mitsubishi M80
气源压力 Air pressure	MPa		0.6-1
机床电源 Machine power	V/Hz		380V/50Hz
机床重量 Machine weight	KG		约7800
占地面积 Floor space	mm		4050 x 3230

选配 Optional

1.系统 System	<input type="checkbox"/> 三菱M80A系统 Mitsubishi M80A System	<input type="checkbox"/> 西门子系统 Siemens System	<input type="checkbox"/> Fanuc系统 Fanuc System	<input type="checkbox"/> 新代系统 Syntec System	5.探头 Probe	<input type="checkbox"/> 雷尼绍OMP40-2 Renishaw OMP40-2	<input type="checkbox"/> 国产品牌 Domestic brands
2.皮带主轴 Belt spindle	<input type="checkbox"/> 皮带8000rpm Belt drive 8000rpm				6.立柱加高 Heightened probe column	<input type="checkbox"/> 加高200mm 200mm heightened	
3.接触式对刀仪 Contact tool setter	<input type="checkbox"/> 雷尼绍 Renishaw	<input type="checkbox"/> 美德龙 Metrol	<input type="checkbox"/> 国产品牌 Domestic brands		7.排屑机 Chip conveyor	<input type="checkbox"/> 链式排屑机 Chain chip conveyor	
4.四轴五轴 four-axis and five-axis	<input type="checkbox"/> 恒望 Hengwang	<input type="checkbox"/> 潭佳 Tanjia	<input type="checkbox"/> 古田 Gutian		8.主轴中心出水 Central water outlet of main shaft:	<input type="checkbox"/> 2Mpa中心出水(水过滤、高压泵) 2MPa central water outlet (water filtration, high-pressure pump)	

03

客户服务

Chapter of Service

售后服务、全球服务网点

After-Sale Service、Global Service Net

After-Sale Service 售后服务



快速响应

快速响应客户的需求，收集客户的现场信息并记录故障，给出保养合理化建议；

Fast Response

Quickly respond to customer needs, collect customer site information and record the failure, give reasonable maintenance suggestions;

快速到达

快速到达客户现场，进行设备维修；

Fast Arrival

Quickly arrive at customer site for equipment maintenance;



快速处理

快速处理，帮助客户第一时间将设备调整到最佳状态；

Fast Processing

Quickly processing to help customers adjust the equipment to the best state in the first time;



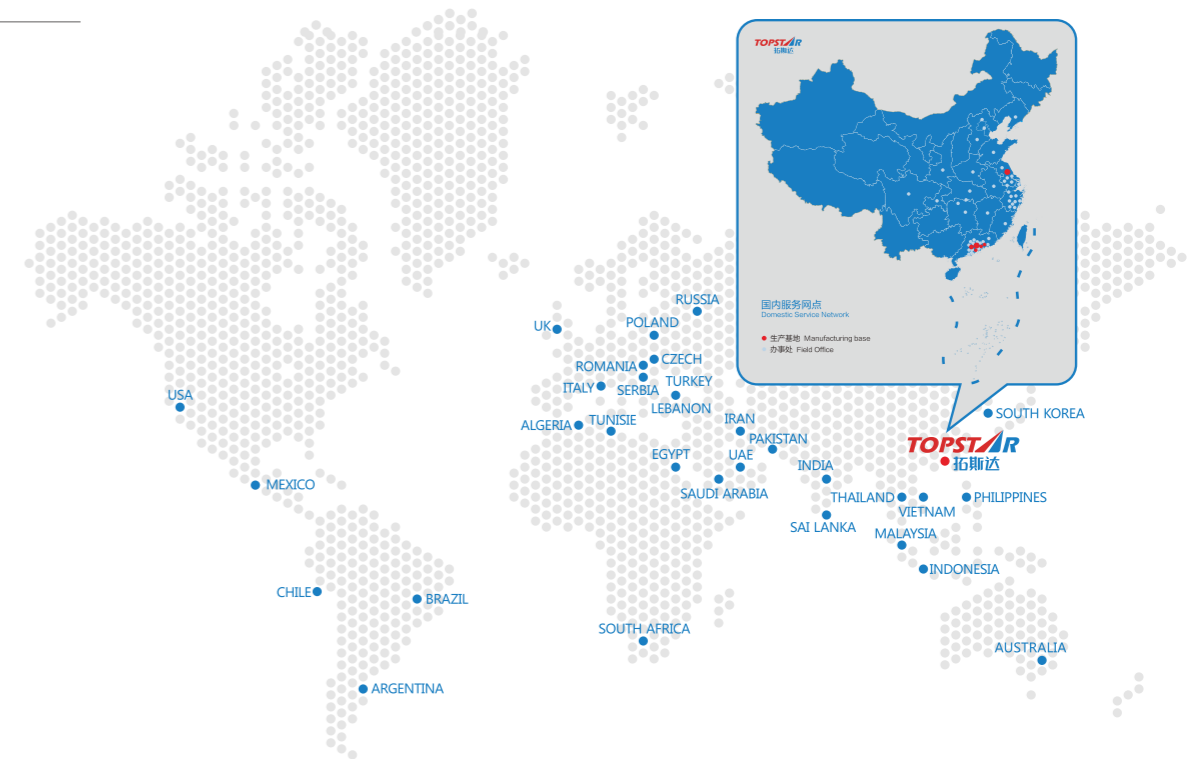
快速验收

快速完成服务项目验收。

Fast Acceptance

Quickly complete the service project acceptance.

Global Service Net 全球服务网点



sincerely appreciate 衷心感谢

超过15000家客户见证并长期支持

Over 15000 customer have witnessed TOPSTAR growth and long supports

 宁德时代 宁德时代	 亿纬锂能 亿纬锂能	 新能德 新能德	 欣旺达 欣旺达	 伯恩光学 伯恩光学	 立讯精密 立讯精密
 珠海冠宇 珠海冠宇	 捷普绿点 捷普绿点	 蜂巢能源 蜂巢能源	 长城汽车 长城汽车	 比亚迪 比亚迪	 富士康 富士康
 裕同科技 裕同科技	 多氟多 多氟多	 晶澳科技 晶澳科技	 华为 华为	 宇瞳光学 宇瞳光学	 旺盈包装 旺盈包装
 正威集团 正威集团	 卫龙 卫龙	 长盈精密 长盈精密	 三一重工 三一重工	 精研科技 精研科技	 新宝电器 新宝电器