

OKADA

专业刀库设计 专业刀库制造
Professional tool magazine design Professional tool magazine manufacturing

冈田智能（江苏）股份有限公司
OKADA INTELLIGENCE (JIANGSU) CO.,LTD



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OKADA

公司简介

COMPANY PROFILE

● 冈田智能（江苏）股份有限公司是一家专注数控机床核心功能部件的研发、生产和销售的专业化公司。主要产品有综合切削中心机精密刀库、精密主轴、精密转台等，厂区面积12.5万平方米，专业研发制造伺服圆盘式刀库、变频圆盘式刀库、大型伺服链式刀库，各类型油压链式刀库、伺服平置式刀库、立车刀库、非标定制刀库，年产刀库7.5万套。

冈田智能以最高的行业技术标准参照定位，以结构简单化，安装方便化，换刀快速化，寿命最久化的要求设计，以最精密的设备加工，最严格的检验机制，造就了完备的刀库类型体系，让冈田品质值得信赖。我们为可持续技术的发展不断研究和交流。在冈田智能1260名员工中，技术研发（R&D）人员占20%。冈田智能具备完善的全流程自主设计研发能力，检验检测能力和产品制造能力，严格的品保体系，保持了核心零部件加工质量，控管了刀库产品的品质，在国内外同行业达到领先水平。

冈田智能拥有瑞士斯图特磨床、瑞士克林贝格磨床、德国海宁格磨床、德国德马吉太阳工机立式磨床、日本喜基亚磨床、德国德马吉DMG卧式加工中心、日本牧野卧式加工中心、日本大隈卧式加工中心、日本纪和卧式加工中心、日本马扎克立式加工中心、超高精密DNS PUMA CNC数控车床、台湾曙光立式磨床、台湾福裕磨床、台湾毅德磨床、台湾贤兴磨床等世界一线品牌高精加工加工设备，拥有龙门加工中心，卧式加工中心，数控斜身车床等共六百余台高精加工加工设备，拥有英国泰勒霍普森真圆度仪，德国蔡司三坐标，瑞典海克斯康三坐标，日本东京精密三坐标，英国雷尼绍激光干涉仪，日本三丰检测设备一批，台湾基太克跑台仪等一批高精检验检测设备。

冈田智能共有刀库事业部、转台事业部、主轴事业部、机加事业部、注塑事业部5大核心生产事业部，配备智能仓储物流中心、品保中心以及一流的售前、售后服务团队。公司建立自备的注塑、精密加工工厂等全产业链体系，关键零部件自制率达到75%以上。

以专业化的策划与营销作为发展之道，以现代化企业经营管理理念，配合在技术研发持续投入，企业规模在国内外迅速扩大，公司先后跟瑞士、美国、西班牙、日本、韩国、新加坡等国际知名机床制造企业进行长期合作，追求卓越、精益求精、技术创新、铸造品牌。

● Okada Intelligence (Jiangsu) Co., Ltd. focuses on the development and production of CNC machine core functional units through professional R & D to manufacture comprehensive cutting center precision tool magazines, precision spindles, and precision rotary tables. Our operation has a manufacturing plant area of 120,000 square meters. We provide professional R & D for the manufacturing of a variety of tool magazines such as Servo Disc type, Inverter Disc type, Large Servo Chain type, various types of Hydraulic Chain type, Servo Flat type, Vertical Lathe type, and Non-Standard Customized tool magazines. Our sale of magazine tools totals approximately 75 thousand units annually.

Okada Intelligence has the highest industry technical standards, with simple structure, convenient installation, quick tool changing, the longest life requirements, the most precise equipment processing, and the strictest inspection mechanisms, all to ensure that Okada has the highest quality and reliability.

We continually strive to develop sustainable technologies. At Okada Intelligence, out of the 1260 employees, R & D personnel account for 20% of our team. Okada Intelligence has a perfect whole process independent design, research and development capabilities, inspection and testing capabilities and product manufacturing capabilities. We have a strict quality assurance system to maintain core parts processing to maintain the highest quality standards for our tool magazine products. This has allowed us to obtain leadership status, both domestically and internationally, in quality for the industry.

At Okada Intelligence our equipment includes

Swiss STUDER Grinding Machine

Swiss KELLENBERGER Grinding Machine

Germany HENNINGER Center Grinding Machine

Germany DMG MORI TAIYO KOKI Vertical Grinding Machine

Germany DMG Horizontal Machining Center

Japan KIWA Horizontal Machining Center

Japan MAZAK Vertical Machining Center

Super High Precision DNS PUMA CNC Turning Machine

Taiwan DAWN Vertical Grinder

Japan MAKINO Horizontal Machining Center

Japan OKUMA Horizontal Machining Center

Japan SHIGIYA Grinding Machine

Taiwan CHEVALIER Grinder

Taiwan E-TECH Grinder

Taiwan XIANXING Grinder

and other tops of the line high precision machining equipment.

Additionally, we have a Gantry Machining Center, Horizontal Machining Center, Slant Bed CNC Lathe, and more than 600 sets of high-precision machining equipment.

We also have

British Taylor Hobson Round

Germany Zeiss Coordinate Measuring Machine

Sweden Hexagon Coordinate Measuring Machine

Japan Tokyo Seimitsu Coordinate Measuring Machine

British Renishaw Laser Interferometer

Japan Mitutoyo Surface Roughness and a number of measuring instruments

Taiwan G-Tech Rotor Balancing Machine

and a number of other high-precision testing equipment.

Okada Intelligence has five core production divisions which include: a tool magazine division, rotary table division, spindle division, machine and processing division, and an injection molding division. We are also equipped with an Intelligence warehousing logistics center, a quality control center and a first-class pre-sales and after-sales service team. The company has established its own injection molding, finishing and other whole industrial chain systems which have allowed us to keep 75% of core components manufactured in-house.

We will not stop challenging ourselves to achieve even greater future values. Our professional planning and marketing, modern enterprise management, continuous investment in technological research, will lead the way to achieving our goals as we expand at home and abroad. We currently work with companies in Switzerland, the United States, Spain, Japan, South Korea, Singapore and other internationally well-known machine tool manufacturing enterprises for long-term cooperation in the pursuit of excellence, and technological innovation.

研究开发

RESEARCH & DEVELOPMENT



不断开发新机型

在公司信念（不断技术突破）的引导下，冈田公司的研发团队不断的创新，在最短的时间内开发新机型，以适应广大加工中心机之市场需求。

Constant Development of New Models

Under the company policy of "Constant Technological Breakthrough", Okada R&D team constantly develops new models in a short time to meet the demands of various machining centers

配合厂家机床特性同步共同开发

在客户的需求下，成功的与机床厂家同步共同开发机床刀库，使机床的特性发挥的淋漓尽致，令机床展现市场的差异性，整体性与价值型。

Cooperative Synchronized Development Together with Machine Tool Manufacturers for Specific Development

According to customers' requirements, Okada is capable of synchronously developing new magazines together with not only fully represents the outstanding features of the machine tools, but also makes the machine tools distinguished from competitive models and provides more integrity and value.





品质管控 QUALITY CONTROL



● 精密检测室
Precision testing workshop



● 组立车间
Assembly workshop



● CNC数控加工车间
CNC machining workshop



● 研磨车间
Grinding workshop



冈田品质 值得信赖

冈田刀库的零组件完全采用最精密的加工设备加工，零件加工过程中每一阶段都经过严密的品质检验，再送到装配现场由经验丰富的技术人员组装及分段品检的品质把关。组装完成的刀库，都在厂内做完整动态性能测试才出厂，以确保完美的换刀动作。

Okada quality trustworthy

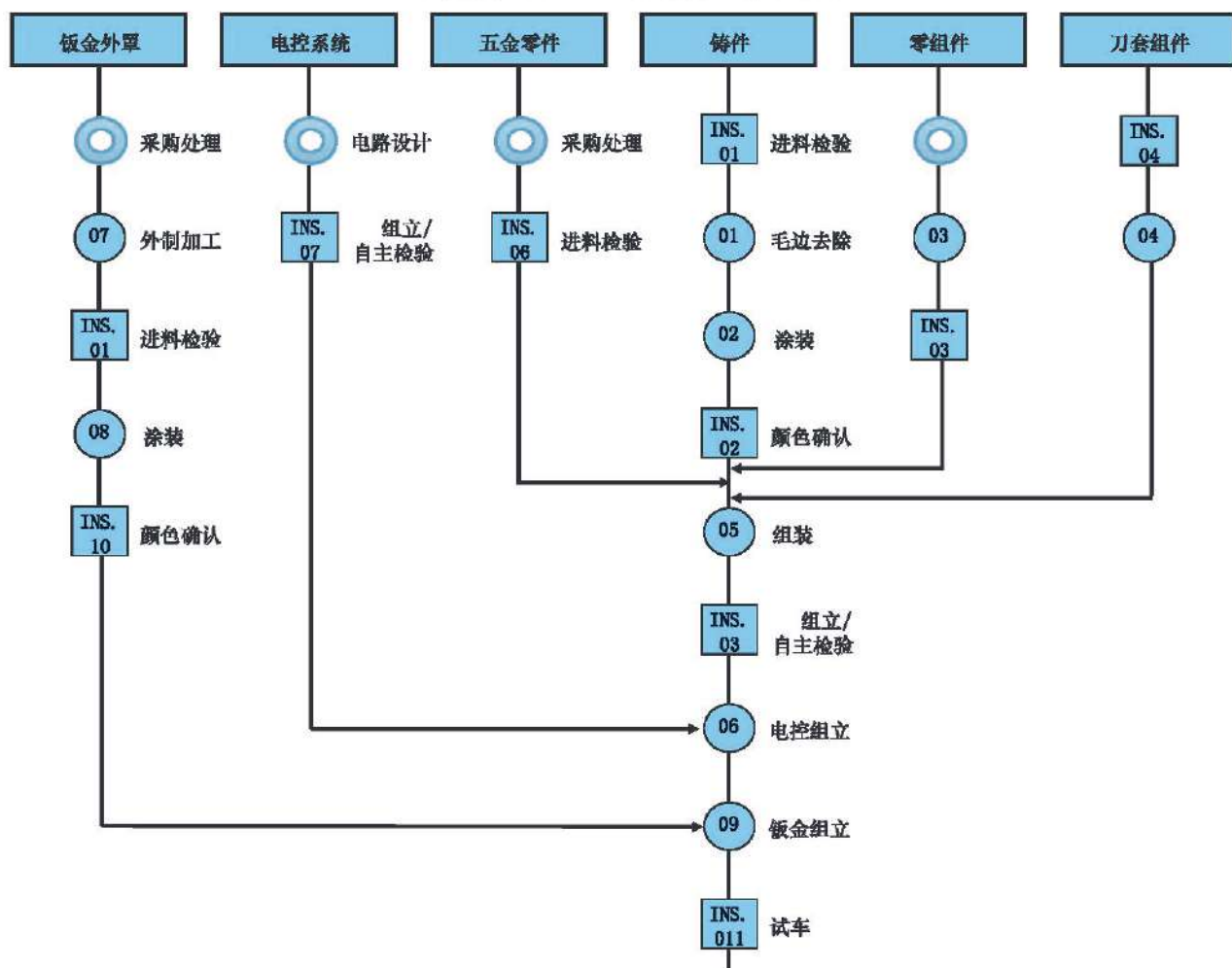
All parts of Okada magazines are precision machined by using sophisticated machining equipment. Rigorous quality inspections are conducted at each step throughout the manufacturing process. The qualified parts are rigorously inspected then delivered to assembly plants for assembling by highly experienced technicians. After assembly, each magazine is subject to comprehensive dynamic tests for performance before shipment. These comprehensive tests will ensure perfect tool change motions.

组织机构

CONSTRUCTION

- 冈田智能（江苏）股份有限公司以专业化的策划与营销作为发展之道，以科学、完善的组织构架打造出一支高、精、尖的作战团队。以董事长为决策核心，采用人性化的管理模式使各部门与决策层的沟通更加顺畅，促进企业内部才智的融合，缔造出更高效的工作体系。
- OKADA INTELLIGENCE (JIANGSU) CO.,Ltd. with professional planning and marketing as the way of development, scientific, improve the organizational structure to create a high-quality precision instrument combat team. With the chairman for decision making the core, and adopting the humanized management mode make each department and decision-making communication more smooth, promote enterprise internal intelligence fusion, creates the more efficient work system.

综合切削中心机刀库作业流程图



产品特性

- 驱动器的独特电子曲线控制，缓冲效果更优异，因此机台可以搭配高速直接主轴及内藏主轴，增加机台附加功能
- 驱动器控制模式具有
 1. 自动快速换刀
 2. 寸动模式
 3. 大刀模式
 4. 自动回原点功能，所有ATC驱动模式皆具备采用I/O通讯，可以搭配任何厂牌控制器



Product Feature

- The unique electronic curve control of the driver makes the buffering effect better. The machine can be paired with high-speed direct spindle and built-in spindle to increase the additional functions.
- The drive control mode
 1. Automatic quick tool changing
 2. Inching mode
 3. Broadsword mode
 4. Automatic home position return that possessed by all ATC-driven modes. I/O communication can be matched with any brand controller



刀库性能参数

SPECIFICATIONS

刀具规格 Tool shank spec	BT30 / CAT30 DIN30 / HSK40	BT40 / CAT40 DIN40 / HSK63
刀具容量 Tool capacity	20T/24T	16T / 20T / 24T / 30T / 32T / 36T
换刀时间 Tool change time (Note 1)	0.8sec	1.2sec (视刀臂长及刀重)
最大刀重 Max. tool weight	5KG	8KG
最大刀径 (满刀) Max. tool dia.(fully loaded)	ø65mm	ø80mm / ø75mm
最大刀径 (临空刀) Max. tool dia.(no adjacent)	ø120mm	ø150mm / ø140mm
最大刀长 Max. tool length	200mm	300mm
刀库电压 Tool magazine voltage	220V/50Hz/60Hz	220V/50Hz/60Hz
刀库气压 Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa

备注1: 主轴松夹刀速度, 会影响换刀时间!

Note: Spindle loose clamping tool speed, will affect the tool change time

产品特性

- 刀仓马达及ATC马达定位由变频器的电子刹车控制，无刹车器故障问题，定位准确，增加刀库稳定性，减少售后问题。
- ATC马达由变频器多段速控制，具有缓冲扣刀，缓冲插刀特性，保护主轴不受冲击。
- 藉由刀库模组卡切换控制模式，达到1对2功能



Product Feature

- The positioning of the cam box motor and magazine motor is controlled by the electronic brake of the inverter, featuring no brake failure problem, accurate positioning, increase stability of the magazine and reduce after-sales problems.
- The ATC motor is controlled by the inverter with multiple speeds, which has the characteristics of buffering clasp tool and buffering insert tool to protect the spindle from impacting.
- By switching the control mode of the tool magazine module card, the function of 1 to 2 is achieved.



刀库性能参数

SPECIFICATIONS

刀具规格 Tool shank spec	BT30 / CAT30 DIN30 / HSK40	BT40 / CAT40 DIN40 / HSK63	BT50 / CAT50 DIN50 / HSK100
刀具容量 Tool capacity	20T/24T	16T/20T/24T/30T/32T/36T	20T / 24T / 30T
换刀时间 Tool change time (Note 1)	1.24 sec (视刀臂长度)	1.55 sec (视刀臂长度)	2.91 sec (视刀臂长度)
最大刀重 Max. tool weight	5KG	8KG	18KG
最大刀径 (满刀) Max. tool dia.(fully loaded)	ø65mm	ø80mm / ø70mm / ø75mm	ø112mm
最大刀径 (临空刀) Max. tool dia.(no adjacent)	ø120mm	ø150mm / ø140mm	ø200mm
最大刀长 Max. tool length	200mm	300mm	400mm
刀库电压 Tool magazine voltage	220V/50Hz/60Hz	220V/50Hz/60Hz	220V/50Hz/60Hz
刀库气压 Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa	0.5-0.7MPa

备注1:主轴松夹刀速度,会影响换刀时间!

Note: Spindle loose clamping tool speed, will affect the tool change time

产品特性

- 换刀机构为油压式可抓重刀、长刀。
- 与机床紧密连接不占空间。
- 结构强、稳定性高。
- 非标（可根据机床外形及要求变化）。



Product Feature

- Hydraulic Atc can hold the heavy and long tools.
- Tight connection with machine tool to reduce space.
- The overall structure is increased and the stability is improved.
- Customized according to machine shape and requirements.

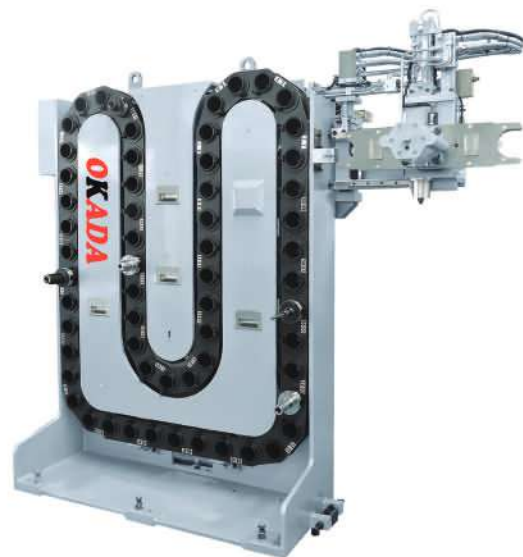
刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT50/CAT50/DIN50/HSK100
刀具容量	Tool capacity	32T/40T/60T/80T/100T/120T/180T
换刀时间	Tool change time	8sec
最大刀重	Max. tool weight	25KG/35KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø250mm
最大刀长	Max. tool length	500mm
刀库驱动	Tool magazine drive	伺服电机 / 液压 Servo motor / Hydraulic

产品特性

- 换刀机构为油压式可抓重刀、长刀。
- 与机床紧密连接不占空间。
- 结构强、稳定性高。
- 非标（可根据机床外形及要求变化）。



Product Feature

- Hydraulic Atc can hold the heavy and long tools.
- Tight connection with machine tool to reduce space.
- The overall structure is increased and the stability is improved.
- Customized according to machine shape and requirements.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT50/CAT50/DIN50/HSK100
刀具容量	Tool capacity	32T/40T/60T/80T/100T/120T/180T
换刀时间	Tool change time	5.5sec
最大刀重	Max. tool weight	25KG/35KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø250mm
最大刀长	Max. tool length	500mm
刀库驱动	Tool magazine drive	伺服电机 / 液压 Servo motor / Hydraulic

产品特性

- 换刀机构为油压式可抓重刀、长刀。
- 与机床紧密连接不占空间。
- 结构强、稳定性高。
- 非标（可根据机床外形及要求变化）。



Product Feature

- Hydraulic Atc can hold the heavy and long tools.
- Tight connection with machine tool to reduce space.
- The overall structure is increased and the stability is improved.
- Customized according to machine shape and requirements.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT50/CAT50/DIN50/HSK100
刀具容量	Tool capacity	32T/40T/60T/80T/100T/120T/180T
换刀时间	Tool change time	13sec
最大刀重	Max. tool weight	25KG/35KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø250mm
最大刀长	Max. tool length	500mm
刀库驱动	Tool magazine drive	伺服电机 / 普通电机 Servo motor / Ordinary motor

产品特性

- 筒形凸轮分割机构，分割精度高，故障率低，结构紧凑，容量大，使用寿命长。
- 全进口工程塑料刀套，质量轻，强度高，不易损坏。
- 双轴承分离式刀臂，同心度高，噪音小。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

- Cylinder CAM segmentation mechanism, high segmentation precision, low failure rate, compact structure, large capacity, long service life.
- All imported engineering plastic tool pots, are light weight, high strength, and not easy to damage.
- Double bearing separated tool arm, high concentricity, low noise.
- The whole series of electronic switches adopts imported originals, quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格 Tool shank spec	BT40/CAT40/DIN40/HSK63	BT50/CAT50/DIN50/HSK100
刀具容量 Tool capacity	32T/40T/60T	32T/40T/60T/80T
换刀时间 Tool change time	1.8sec/60Hz (视刀臂长度) 1.55sec/50Hz	2.45sec/60Hz (视刀臂长度) 2.91sec/50Hz
最大刀重 Max. tool weight	8KG	18KG
最大刀径 (满刀) Max. tool dia.(fully loaded)	ø75mm	ø125mm
最大刀径 (临空刀) Max. tool dia.(no adjacent)	ø150mm	ø250mm
最大刀长 Max. tool length	300mm	400mm
刀库电压 Tool magazine voltage	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz
刀库气压 Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa

产品特性

- 筒形凸轮分割机构，分割精度高，故障率低，结构紧凑，容量大，使用寿命长。
- 全进口工程塑料刀套，质量轻，强度高，不易损坏。
- 双轴承分离式刀臂，同心度高，噪音小。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

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- All imported engineering plastic tool pots, are light weight, high strength, and not easy to damage.
- Double bearing separated tool arm, high concentricity, low noise.
- The whole series of electronic switches adopts imported originals, quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT40/CAT40/DIN40/HSK63	BT50/CAT50/DIN50/HSK100
刀具容量	Tool capacity	32T/40T/60T	32T/40T/60T/80T/120T/180T
换刀时间	Tool change time	2.3sec/60Hz (视刀臂长度) 1.75sec/50Hz	4.01sec/60Hz (视刀臂长度) 2.91sec/50Hz
最大刀重	Max. tool weight	8KG	20KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø75mm	ø125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø150mm	ø250mm
最大刀长	Max. tool length	300mm	400mm
刀库电压	Tool magazine voltage	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz
刀库气压	Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa

产品特性

- 筒形凸轮分割机构，分割精度高，故障率低，结构紧凑，维修方便，使用寿命长。
- 全进口工程塑料刀套，质量轻，强度高，不易损坏。
- 双轴承分离式刀臂，同心度高，噪音小。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

- Cylinder CAM segmentation mechanism, high segmentation precision, low failure rate, compact structure, easy maintenance, long service life.
- All imported engineering plastic tool pots, are light weight, high strength, and not easy to damage.
- Double bearing separated tool arm, high concentricity, low noise.
- The whole series of electronic switches adopts imported originals, quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格 Tool shank spec	BT30 / CAT30 DIN30 / HSK40	BT40 / CAT40 DIN40 / HSK63	BT50 / CAT50 DIN50 / HSK100
刀具容量 Tool capacity	20T/24T	16T/20T/24T/30T/32T/36T	20T / 24T / 30T
换刀时间 Tool change time	1.2sec/60Hz (视刀臂长度) 1.24sec/50Hz	1.8 sec /60Hz (视刀臂长度) 1.55sec/50Hz	2.45 sec/60Hz (视刀臂长度) 2.91sec/50Hz
最大刀重 Max. tool weight	5KG	8KG	18KG
最大刀径 (满刀) Max. tool dia.(fully loaded)	ø65mm	ø80mm / ø70mm / ø75mm	ø112mm
最大刀径 (临空刀) Max. tool dia.(no adjacent)	ø120mm	ø150mm / ø140mm	ø200mm
最大刀长 Max. tool length	200mm	300mm	400mm
刀库电压 Tool magazine voltage	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz
刀库气压 Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa	0.5-0.7MPa

产品特性

- 筒形凸轮分割机构，分割精度高，故障率低，结构紧凑，维修方便，使用寿命长。
- 全进口工程塑料刀套，质量轻，强度高，不易损坏。
- 双轴承分离式刀臂，同心度高，噪音小。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

- Cylinder CAM segmentation mechanism, high segmentation precision, low failure rate, compact structure, easy maintenance, long service life.
- All imported engineering plastic tool pots, are light weight, high strength, and not easy to damage.
- Double bearing separated tool arm, high concentricity, low noise.
- The whole series of electronic switches adopts imported originals, quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT40 / CAT40 / DIN40 / HSK63	BT50 / CAT50 / DIN50 / HSK100
刀具容量	Tool capacity	24T / 32T / 36T	24T / 30T
换刀时间	Tool change time	2.3sec/60Hz 1.55s/50Hz	4.01sec/60Hz 2.91s/50Hz
最大刀重	Max. tool weight	8KG	18KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø80mm / ø70mm	ø112mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø150mm / ø140mm	ø200mm
最大刀长	Max. tool length	300mm	400mm
刀库电压	Tool magazine voltage	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz
刀库气压	Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa

产品特性

- 采用伺服马达，高效率，高精度（亦可采用普通电机驱动）。
- 滑座采用直线轴承，换刀定位准确快速，兼具保护刀库不受污染。
- 刀爪组，采用刚性承靠座定位，刀具稳固不晃动。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

- Servo motor, high efficiency, high precision (can also use ordinary motor drive).
- The sliding block adopts linear bearing, accurate and fast tool change positioning, and protects the tool magazine from contamination.
- Tool jaw group, using rigid support seat positioning, the tools are stable and do not shake.
- The whole series of electronic switches adopts imported originals, quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT40/CAT40/DIN40/HSK63
刀具容量	Tool capacity	20T/24T/32T/50T
换刀时间	Tool change time	7sec/60Hz
最大刀重	Max. tool weight	8KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø75mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø125mm
最大刀长	Max. tool length	280mm
刀库电压	Tool magazine voltage	220V/380V,50Hz/60Hz
刀库气压	Tool magazine air pressure	0.5-0.7MPa

产品特性

- 塑钢刀爪，高刚性，寿命长。
- 使用精密分割器做刀具分隔，速度快，精度高。
- 结构简易，装配容易，维修方便。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

- Plastic steel claw, high rigidity, long life.
- Using the precision divider for tool separation, fast speed, high precision.
- Simple structure, easy assembly, convenient maintenance.
- The whole series of electronic switches adopts imported originals, quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT30/CAT30/DIN30/HSK40	BT40/CAT40/DIN40/HSK63	BT50/CAT50/DIN50/HSK100
刀具容量	Tool capacity	10T/12T/16T/20T	10T/16T/20T/24T	16T/20T/24T
换刀时间	Tool change time	6sec/60Hz	7sec/60Hz	9sec/60Hz
最大刀重	Max. tool weight	5KG	8KG	20KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø80mm	ø90mm	ø125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø120mm	ø160mm	ø250mm
最大刀长	Max. tool length	20-200mm	150-250mm	150-350mm
刀库电压	Tool magazine voltage	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz
刀库气压	Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa	0.5-0.7MPa

产品特性

- 刀库外形结构可根据机床需求做出相应变化。
- 装夹刀具多变，可使用立式刀具、卧式刀具、刀夹、附件头等，最大承重80Kg。
- 驱动型式为普通电机或伺服电机。
- 电气开关全系采用进口原件，品质保证。



Product Feature

- The shape structure of the tool magazine can be changed according to the requirements of the CNC machines.
- The clamping tool is changeable, and can be used vertical tool, horizontal tool, tool holder, accessories, etc., with a maximum weight of 80Kg.
- The driving type is an ordinary motor or servo motor.
- All electrical switches are imported originals, and quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT50/CAT50 DIN50/HSK100
刀具容量	Tool capacity	6T/8T/12T
换刀时间	Tool change time	2.6sec
最大刀重	Max. tool weight	50KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	∅ 125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	∅ 250mm
最大刀长	Max. tool length	400mm
刀库电压	Tool magazine voltage	380V/50Hz/60Hz
刀库气压	Tool magazine air pressure	0.5-0.7MPa

产品特性

- 简易化的结构，节省安装过程。
- 创新独特的分割机构，方便检修。
- 同级产品中体积最小、重量最轻、换刀速度最快、承载刀数最多等特色。



Product Feature

- Simple structure saves the installation process.
- Innovative and unique segmentation mechanism for easy maintenance.
- The smallest volume, the lightest weight, the fastest tool change speed, the largest number of tools.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT30
刀具容量	Tool capacity	21T/36T
换刀时间	Tool change time	0.4s
最大刀重	Max. tool weight	3KG
最大刀径	Max. tool dia.	ø80mm
最大刀长	Max. tool length	200mm
刀库驱动	Tool magazine drive	伺服电机 / 普通电机 Servo motor / Ordinary motor

OKADA 斗笠刀库 ARMLESS TYPE TOOL MAGAZINE

产品特性

- 轻量化，铝合金刀盘，降低负荷。
- 采用日内瓦轮分割机构，运转顺畅，分割精度高。
- 刀盘滑动使用线性轴承，摩擦小，寿命长。
- 弹簧夹臂，夹持刀具，装夹容易，维修简单。
- 电子开关全系列采用进口原件，品质保证。



Product Feature

- Lightweight, aluminum tool disc, reduce load.
- Geneva wheel division mechanism, smooth operation, high precision segmentation.
- Tool disc sliding using linear bearings, low friction, long life.
- Spring clamping arm, clamping tool, easy clamping, simple maintenance.
- The whole series of electronic switches adopts imported originals, and quality assurance.

刀库性能参数

SPECIFICATIONS

刀具规格 Tool shank spec	BT30/CAT30/DIN30/HSK40	BT40/CAT40/DIN40	BT50/CAT50/DIN50
刀具容量 Tool capacity	8T/10T/12T/16T	10T/12T/16T/20T	16T/20T
换刀时间 Tool change time	6sec/60Hz	7sec/60Hz	9sec/60Hz
最大刀重 Max. tool weight	5KG	8KG	15KG
最大刀径 Max. tool dia.	ø80mm	ø90mm	ø130mm
刀具选择 Tools selection	双向正逆任意式 Two-way is inverse any type	双向正逆任意式 Two-way is inverse any type	双向正逆任意式 Two-way is inverse any type
最大刀长 Max. tool length	200mm	250mm	300mm
刀库电压 Tool magazine voltage	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz	220V/380V,50Hz/60Hz
刀库气压 Tool magazine air pressure	0.5-0.7MPa	0.5-0.7MPa	0.5-0.7MPa

产品特性

- 换刀机构为油压式可抓重刀、长刀。
- 与机床紧密连接不占空间。
- 结构强、稳定性高。
- 非标（可根据机床外形及要求变化）。



Product Feature

- Hydraulic Atc can hold the heavy and long tools.
- Tight connection with machine tool to reduce space.
- The overall structure is increased and the stability is improved.
- Customized according to machine shape and requirements.

刀库性能参数

SPECIFICATIONS

刀具规格	Tool shank spec	BT50/CAT50/DIN50/HSK100
刀具容量	Tool capacity	32T/40T/60T
换刀时间	Tool change time	5.5sec
最大刀重	Max. tool weight	25KG
最大刀径 (满刀)	Max. tool dia.(fully loaded)	ø125mm
最大刀径 (临空刀)	Max. tool dia.(no adjacent)	ø250mm
最大刀长	Max. tool length	400mm
刀库驱动	Tool storage drive	伺服电机 / 普通电机 Servo motor / Ordinary motor

刀库配备详细表

机种型式: 立式 卧式
Model type: Vertical Horizontal

刀库型式: 斗笠式 圆盘式 链条式 其它____
Tool magazine type: Aimless Disc Chain Other

刀具规格: BT40 BT50 CAT40 CAT50 DIN40 DIN50 其它____
Tool specifications: Other

刀具数量: 10T 16T 20T 24T 30T 32T 40T 其它____
Tool number: Other

刀具颜色: 用本公司标准色(白色)
Tool magazine color: With the company standard color (white)

客户指定色(需提供色版番号或样品)
The customer designated color
(Please provide the color version of the serial number or sample)

1. 输入主电源电压____V____相, 频率____Hz
The master ____V____ phase power supply voltage, frequency ____Hz
2. 主机上是否有三相, 220V交流电压? 是 否
Whether the host have three-phase, 220 V ac voltage? Yes No
3. 主机上是否有单相, 220V交流电压? 是 否
Whether the host with single, 220 V ac voltage? Yes No
4. 主机上是否有三相, 110V交流电压? 是 否
Whether the host have three-phase, 110 V ac voltage? Yes No
5. 控制元件使用电压为DC24V或其它____
The use of voltage control components for DC24V or other
6. 控制系统近接开关型式为: NPN PNP
Control system proximity switch type for:
7. 控制系统还有其它要求事项记录:
Control system and other requirements record:
8. 电磁阀电压: 24V 110V
Electromagnetic valve voltage:

9.请提供以下资料:

Please provide the following information:

(1)请提供机型外型图,含前视,侧视及上视图比例1:1

Please provide model exterior figure, including former depending on. Side and on the view, proportion 1:1

(2)拉栓及刀柄图,以现在使用在生产钱上的为主

Pull bolts and the tool shank use in the production line of the primarily

(3)请提供详细的主轴外型图以避免干涉

Please provide the detailed spindle exterior figure to avoid interference

(4)换刀点位置尺寸

The tool changing point position in size

(5)刀库放置位置

Tool magazine placed position

(6)请告知任何有可能产生干涉而又无法从图面中看出的提示(例:机床钣金...)

Please inform us of any may interfere and can't see the drawing from the hint
(example: CNC machine cover...)

(7)其他相关资讯

Other related information

基本资料 Basic information

公司名称:

Company name:

电 话:

Tel:

传 真:

Fax:

地 址:

Add:

邮 箱:

E-mail:

联系人:

Contact:

日 期:

Date:

请填入代号尺寸	冈田智能（江苏）股份有限公司
A	客户名称
B	机型
C	<input type="checkbox"/> 斗笠式刀库 <input type="checkbox"/> 圆盘式刀库
D	刀具规格 <input type="checkbox"/> BT40 <input type="checkbox"/> CAT40 <input type="checkbox"/> DIN40 <input type="checkbox"/> 其它
E	刀具规格 <input type="checkbox"/> BT50 <input type="checkbox"/> CAT50 <input type="checkbox"/> DIN50 <input type="checkbox"/> 其它
F	刀具数量 <input type="checkbox"/> 16T <input type="checkbox"/> 20T <input type="checkbox"/> 24T <input type="checkbox"/> 其它
G	*请在所选项目目前的方框中打☑
H	
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标准尺寸图表