

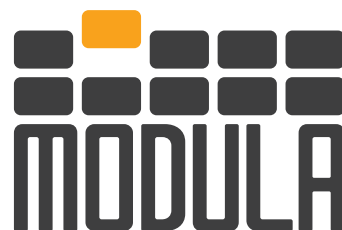


Modula NEXT 保险柜

Think Vertical, Think Modula

新一代自动立体货柜

THE NEW GENERATION OF VLM



精准与效率的重新定义

精准交付, 每一次都不负所托。

Modula NEXT是一款创新的自动化存储解决方案, 它将工业自动售货机的所有精准和控制功能与垂直升降模块 (VLM) 的空间节省和效率相结合。

当取料时, 设备会检索存储该物品的特定托盘, 并将其带到符合人体工程学高度的取货口。

与常见的垂直升降模块不同, Modula NEXT的卷帘门系统只打开包含请求物品的库位。

这确保了取货和补货操作超高的精准度。



PRECISION AND EFFICIENCY REDEFINED

DELIVERING THE RIGHT PART TO THE RIGHT PERSON. EVERY TIME.

Modula Next is an innovative automated storage solution, that combines all the precision and control of industrial vending machines with the space-saving and efficiency of Vertical Lift Modules (VLMs).

When an item is requested, the unit retrieves the specific tray where the item is stored and brings it to the picking bay at an ergonomic height.

Unlike conventional Vertical Lift Modules, Modula Next's shuttering door system only opens the compartment containing the requested item.

This ensures unmatched precision in picking and replenishment operations.



每次仅开启一个库位, 单次仅取一种物料, 实现100%精准拣选。

100% PRECISE PICKING WITH ACCESS TO ONE COMPARTMENT, ONE PRODUCT AT A TIME

为何选择MODULA NEXT WHY CHOOSE MODULA NEXT



• 智能系统组合

Modula NEXT结合了工业自动售货机的精准度与垂直升降模块 (VLM) 的容量。

• 创新设计

配备滑动卷帘门, 每次仅允许访问特定隔间中的特定物品。

• 灵活性与定制化

可动态调整的隔间, 使其适用于各种工业存储需求, 适应不同尺寸的物品。

• 跨行业通用性

适用于医疗、零售、航空航天、汽车、MRO (维护、维修与运行) 及任何需要安全防护或高价值物品的行业。

• SMART SYSTEM COMBINATION

Modula Next combines the precision of industrial vending machines with the capacity of Vertical Lift Modules (VLMs).

• INNOVATIVE DESIGN

Features sliding shutter doors, providing access only to a specific item, in an individual compartment at a time.

• FLEXIBILITY AND CUSTOMIZATION

Adjustable compartments on the fly make it ideal for various industrial storage needs, accommodating diverse item sizes.

• VERSATILITY ACROSS INDUSTRIES

Ideal for healthcare, retail, aerospace, automotive, MRO, and any industries handling sensitive or high-value items.



十年质保 行业新标准

10 YEARS WARRANTY
THE NEW INDUSTRY STANDARD

不是简单延长质保

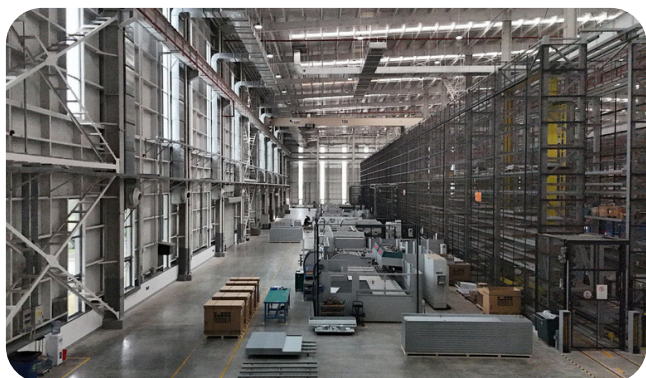
Not just a longer warranty

在垂直升降式自动货柜市场，很多设备在采购当天看起来相似。

真正的差异，往往出现在设备运行一年、三年、五年，甚至十年之后。

In the VLM market, many machines may look similar on purchase day.

The real difference appears after one, three, five, and even ten years of operation.



十年质保

10 Years Warranty

原厂服务

Factory Service

中国制造

Made in China

全球品质

Global Quality

这是长期责任

It's a long-term responsibility

摩登纳中国推出十年质保承诺，是因为我们相信自己的产品质量，也相信我们在中国市场的服务能力。

我们不只是交付设备。我们承诺长期负责。

Modula China introduces 10 Years Warranty commitment because we believe in our product quality and in our service capability in China.

We do not only deliver the machine. We take long-term responsibility.



低价容易承诺，十年很难复制。

Low price is easy to promise. 10 years responsibility is hard to copy.

国际品牌，中国速度。

INTERNATIONAL BRAND, CHINA SPEED.



苏州工厂与本地服务能力
Suzhou Factory and local service capability

为什么要选择国际品牌？

Why choose an international brand?

选择进口品牌，客户通常希望获得可靠的设计、成熟的技术和长期稳定的品质。但如果设备主要在欧洲生产，客户也可能面对更长交期、更高物流成本、更远的备件距离和更复杂的服务响应。

When customers choose an international brand, they expect reliable design, proven technology and long-term quality. But when equipment is mainly produced in Europe, customers may face longer lead times, higher logistics costs, longer spare-parts routes and more complex service coordination.

选择摩登纳您可以获得：

CHOOSE MODULA AND YOU WILL GAIN:

中国本地生产

Local production in China

更有竞争力的价格

More competitive pricing

更快交付

Faster delivery

中国本地备件

All spare parts in China

原厂工程师

Factory engineers

全球品质

Global quality

不是在品质和速度之间选择，Modula 中国让客户同时拥有两者。

No need to choose between quality and speed, Modula China gives customers both.



全球标准，中国效率。

GLOBAL STANDARD. CHINESE EFFICIENCY.

同样的Modula工程标准，更接近中国客户的生产、备件与服务体系。

Identical Modula engineering standards, with localized production, spare parts and service systems for China clients.

看起来相似，不代表十年后一样可靠。

SIMILAR APPEARANCE DOES NOT MEAN LONG-TERM RELIABILITY.

设计外观一样，但设计能力、制造工艺、质量控制、备件体系和长期服务很难被复制。

Similar appearance does not mean the same design capability, manufacturing process, quality control, spare-parts system or after-sales responsibility.

40

年品牌历史
years of brand history

2,000+

中国累计产量
machines made in China

1,800+

中国装机量
machines installed in China

35+

年验证寿命
years proven service life

价格不是唯一衡量选择的标准。

Price should not be the only criterion for selection.

摩登纳的市场地位来自更可靠的品质、更成熟的技术、更稳定的服务体系，以及长期为客户负责的能力。

Modula's leadership is built through quality, technology, service and long-term customer responsibility.



一年质保和十年质保，不是同一种责任。

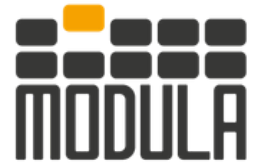
1 year warranty and 10 Years Warranty are not the same responsibility.

这不是商业条款的差异，而是设备寿命、服务能力和长期责任的差异。

The gap lies not in commercial clauses, but in equipment lifespan, service capabilities and long-term commitment.

设备停机时，真正的差异才开始。

WHEN THE MACHINE STOPS, THE REAL DIFFERENCE BEGINS.



本地备件仓库
Local spare parts storage



快速服务响应
Quick service response

十年质保的价值，不只是维修费用。真正的价值，是停机风险更低、责任更清楚、服务更可靠。

The value of 10 Years Warranty is not only repair cost. The value is lower downtime risk, clearer responsibility and more reliable service.



原厂工程师

Factory engineers

由Modula服务团队负责

Support by Modula service



原厂备件

Original parts

本地备件，快速支持

Local spare parts, fast support



原厂责任

Factory responsibility

十年责任更清楚

Clear 10 years responsibility

停机不仅是技术问题，更是成本问题。

Downtime is not only a technical issue, but also a cost issue.

如果设备停止运行，影响的不止是维修费用。它可能会影响拣选、生产、发货、客户交付和内部效率。

If equipment shuts down, the impact goes far beyond maintenance costs. It may disrupt order picking, production, shipment, customer delivery and internal operational efficiency.

低价只是一时选择，十年质保才是长期责任与担当。

Low price is a temporary choice, 10 Years Warranty stands for long-term accountability.

十年质保适用于符合 Modula 中国官方质保条款的设备。具体质保范围、维护要求和排除条款以正式合同及质保文件为准。

10 Years Warranty applies to equipment that meets Modula's China official warranty conditions. Final coverage, maintenance requirements and exclusions are subject to the official contract and warranty document.

安全与空间优化选项

SAFETY & SPACE OPTIMIZATION

为您的产品和操作员提供安全保障，**始终如一。**
SAFETY FOR YOUR PRODUCTS & OPERATORS. **ALWAYS.**

通过用户识别保障安全 SAFETY THROUGH USER IDENTIFICATION

每个单元均设有密码保护，仅允许授权操作员访问。
所有取货操作和登录记录均可追踪至具体托盘。

Every unit is password protected, allowing access only to authorized operators with a badge or access code.

All picking operations and logins are tracked even down to specific trays.

安全光栅 SAFETY LIGHT BARRIERS

取货口设有安全光栅，可检测障碍物或操作员干扰。
一旦检测到，系统将立即停止所有动作，保护操作员和库存安全。

The access opening features safety light barriers that detect obstacles or operator interference.

Upon detection, the system instantly stops all movements, safeguarding both the operator and the inventory.

紧急停止按钮 EMERGENCY STOP BUTTON

位于副操作面板上，操作员在紧急情况下可立即停止操作，
确保对任何潜在危险的快速响应。

Positioned on the copilot panel, this button allows operators to instantly stop the operations in case of an emergency, ensuring quick response to any potential hazards.



拣货口范围
100x100毫米至2,500x654毫米，
可通过WMS软件灵活定制

PICKING WINDOW SIZE RANGE
from 100x100 mm to 2,500x654 mm,
CUSTOMIZABLE THROUGH WMS SOFTWARE

可选件 OPTIONS

满足任何操作需求 FOR ANY OPERATIONAL NEED



亮灯拣选系统
Put to Light



拣选车
Picking Cart



拣选站
Picking Station



托盘配件
Tray Accessories



1D/2D条码阅读器指示灯
1D or 2D Barcode Reader



EKS 阅读器
EKS Reader



RFID 阅读器
RFID Reader



结束取货按钮
End Picking Button



拣选完成踏板
Foot Bar Task Complete



条码阅读器
Barcode Reader



标签打印机
Label Printer



工业电子称
Counting Scale

跨行业通用性

安全、精准与灵活性，满足不同行业需求。

Modula NEXT适用于需要精准库存控制和快速访问的行业。其通用性和处理各种物品类型的能力使其适用于：

- **制造业**
用于存储和管理工具、零件和关键组件。
- **医疗行业**
用于安全地分发医疗用品和药品。
- **处理高价值物品的行业**
适用于需要高精度的或高价值库存部门。
- **航空航天与汽车行业**
用于高效存储专业且昂贵的工具和组件。
- **零售业**
用于后端存储，管理各种零售产品。
- **MRO (维护、维修与运行)**
用于存储典型的MRO用品，如钻头、铣刀、粘合剂和紧固件。



制药与生物医学PHARMACEUTICAL AND BIOMEDICAL

VERSATILITY ACROSS INDUSTRIES

SECURITY, PRECISION AND FLEXIBILITY. FOR DIVERSE SECTOR NEEDS.

Modula Next is ideal for industries requiring precise inventory control and quick access. Its versatility and capacity to handle various item types make it suitable for:

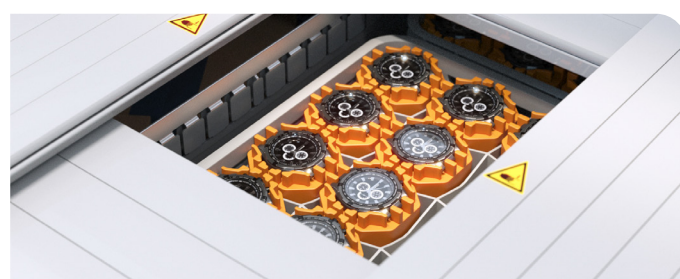
- **MANUFACTURING**
For storing and managing tools, parts and essential components.
- **HEALTHCARE**
Ideal for dispensing medical supplies and pharmaceuticals securely.
- **INDUSTRIES WITH SENSITIVE OR HIGH-VALUE ITEMS:**
Perfect for sectors dealing with sensitive or costly inventory, where precision is a must.
- **AEROSPACE & AUTOMOTIVE**
For efficiently storing specialized and expensive tools and components.
- **RETAIL**
Useful in back-end storage for managing a variety of retail products.
- **MRO (MAINTENANCE & REPAIR)**
For storing typical MRO supplies such as drill bits, end mills, adhesives, and fasteners.



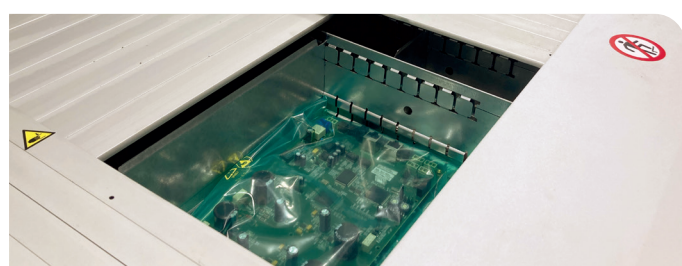
汽车AUTOMOTIVE



航空航天与国防AEROSPACE & DEFENCE



高价值物品HIGH-VALUE ITEMS



电子ELECTRONICS



MRO (维护、维修与运行) MRO (MAINTENANCE & REPAIR)

MODULA NEXT管理寄售库存的专家



MODULA NEXT FOR MANAGING CONSIGNMENT INVENTORY

使用MODULA NEXT管理您的寄售库存

Modula NEXT是寄售库存场景中的宝贵解决方案。

对于供应商而言，它转化为高效的寄售库存服务，增强其价值主张。

对于客户而言，他们则受益于在正确的时间拥有正确的工具，无需承担过多呆滞物料的成本风险。

MANAGING CONSIGNMENT INVENTORY WITH MODULA NEXT

Modula Next is a valuable solution for consignment inventory scenarios.

For suppliers, it translates into efficient consignment inventory service, enhancing their value proposition.

Clients, on the other hand, benefit from having the right tools at the right time, without the overhead of large inventories.



对供应商的主要优势 KEY BENEFITS FOR THE SUPPLIER

实时库存管理 REAL-TIME INVENTORY MANAGEMENT

WMS集成提供对客户现场物料的实时监控，
确保精准的库存控制。

WMS integration provides immediate
insight into client-site part levels,
ensuring accurate inventory control.

访问控制 CONTROLLED ACCESS

对单元和特定物品的访问受限，防止因库存处理不当而产生的成本，
从而对供应商产生直接影响。

Restricted access to the unit and specific items,
prevents the cost of inventory mishandling
that directly impacts the supplier.

供应管理灵活性 FLEXIBILITY IN SUPPLY MANAGEMENT

供应商可根据消耗模式和客户需求轻松调整
存储物品的类型和数量。

Suppliers can easily adjust the type and quantity
of items stored based on consumption patterns
and customer requirements.

成本高效的库存 COST-EFFICIENT INVENTORY

供应商保留所有权直至客户使用，
使生产与需求保持一致，
降低库存过剩和过度生产的风险。

Suppliers retain ownership until customer use,
aligning production with demand, to reduce
overstocking and overproduction risks.



对客户的主要优势 KEY BENEFITS FOR THE CLIENT

按需部件访问 ON-DEMAND PART ACCESS

关键零部件可从 Modula Next 系统按需获取，
从而最大限度地减少停工风险。

Essential parts are available on-demand
from Modula Next, minimizing operational
interruptions.

简化的维护管理 STREAMLINED MAINTENANCE MANAGEMENT

帮助客户有效管理维护实时数据，避免短缺和紧急订单。

Real-time data allows clients to effectively
manage maintenance, avoiding shortages
and urgent orders.

预算友好的维护 BUDGET-FRIENDLY MAINTENANCE

供应商可根据消耗模式和客户需求轻松调整
存储物品的类型和数量。

The pay-per-use model for parts reduces
the need for extensive inventory, making
maintenance more cost-effective.

运营生产力 OPERATIONAL PRODUCTIVITY

精准的库存管理有助于提升维保工作，并提高运营效率。

Precise inventory results in optimized
maintenance activities and improved
operational efficiency.

MODULA NEXT用于存储个人防护装备和分发成套组件

MODULA NEXT FOR STORING PERSONAL PROTECTIVE EQUIPMENT AND DISPENSING KITTED COMPONENTS

存储个人防护装备 STORING PERSONAL PROTECTIVE EQUIPMENT

Modula NEXT是管理个人防护装备 (PPE) 的完美解决方案。

Modula Next is a perfect solution for the management of Personal Protective Equipment (PPE).

通过将所有PPE整合到一个可访问的位置，确保必要的安全装备可用、妥善管理和保护，并符合安全法规。

By consolidating all PPE into one accessible location, it ensures that essential safety gear is available, properly managed and secured, and compliant with safety regulations.



主要优势 KEY BENEFITS

集中式PPE存储 CENTRALIZED PPE STORAGE

确保在一个位置快速访问必要的安全装备。

Ensures quick access to essential safety gear in one location.

PPE质量维护 PPE QUALITY MAINTENANCE

通过防止损坏和污染，延长PPE使用寿命。

Extends PPE lifespan by protecting against damage and contamination.

实时PPE追踪 REAL-TIME PPE TRACKING

监控PPE数量和状况，以便主动补货和维护。

Monitoring PPE quantities and conditions, for proactive replenishment and maintenance.

精准与安全 PRECISION AND SAFETY

每次仅限访问一个物品，并通过用户认证设备保护PPE。

Limits access to one item at a time and secures PPE with user authentication devices.

分发成套组件 DISPENSING KITTED COMPONENTS

Modula NEXT显著改善了成套组件的管理。与垂直升降模块不同，它增加了一层安全保护，每次仅允许访问一个库位。

Modula Next significantly improves the management of kits. Unlike VLMs, it adds a layer of security with access to only one compartment at a time.

这确保了正确成套组件的选取，对于避免运营延迟和停机至关重要。

This ensures the correct kit is picked, which is crucial to avoiding operational delays and downtime.



主要优势 KEY BENEFITS

预组装成套组件 PRE-ASSEMBLED KITS

存储和分发预组装的成套组件，包含所有必要的工具和零件。

Stores and dispenses pre-assembled kits, with all necessary tools and parts.

成套效率 KITTING EFFICIENCY

通过消除工人收集单个物品的需求，提高效率。

Enhances efficiency, by eliminating the need for workers to collect individual items.

可配置隔间 CONFIGURABLE COMPARTMENTS

可调整的隔间以适应各种尺寸的成套组件或物品。

Adjustable compartments to fit various sizes of kits or items.

库存优化 INVENTORY OPTIMIZATION

减少放错位置的风险并防止短缺。

Reduces misplacement risks and prevents shortages.

技术规格 TECHNICAL FEATURES



各型号最大托盘
最大载重
可达500公斤
MAXIMUM
CAPACITY FOR ALL
TRAYS:
UP TO 500 KG
PER TRAYS



COPILOT
工业控制台:
10.4英寸触摸屏
COPILOT
INDUSTRIAL
OPERATOR
CONSOLE:
10.4 INCH
TOUCH SCREEN



MODULA WMS
管理软件:
一切尽在掌握
MODULA WMS
SOFTWARE:
TO HAVE
EVERYTHING
UNDER
CONTROL



操作员安全性:
符合人体工程学
且安全
SAFETY FOR
OPERATORS:
ERGONOMIC
AND SAFE

托盘宽度 Trays width (mm)	托盘深度 Trays depth (mm)	可存储物品最大高度 Maximum height stackable material (mm)	可用托盘侧高 Side heights available (mm)	每个托盘净载重量 Net capacity per tray max. (kg)	设备占地尺寸 Size of the design W x D (mm)	拣选口尺寸最小/最大 Size picking window min./max. (mm)
1,900	654	245	70-120-145- 170 195-220-245	500	2,336 x 2,986	100 x 100 1,900 x 654
2,500	654	245	70-120-145- 170 195-220-245	500	2,936 x 2,986	100 x 100 2,500 x 654

MODULA

仓库管理系统 WAREHOUSE MANAGEMENT SYSTEM

为您的企业提供全面的端到端WMS解决方案

A COMPLETE END-TO-END WMS SOLUTION FOR YOUR BUSINESS

Modula仓库管理系统(WMS)是一款全面的库存管理软件,旨在操作Modula的自动化存储和检索解决方案,或作为传统仓库(手动区域)的独立软件。

作为市场上最直观和先进的软件解决方案之一,Modula WMS与几乎所有DMS和ERP系统无缝接口,使接收、取货和存放产品等流程更快、更准确。

Modula Warehouse Management System (WMS) is a complete inventory management software, designed to operate Modula's automated storage and retrieval solutions or as a stand-alone software in traditional warehouses (manual areas).

As one of the most intuitive and advanced software solutions on the market, Modula WMS seamlessly interfaces with almost all DMS and ERP systems, making processes, such as receiving, picking, and putting away products, faster and more accurate.

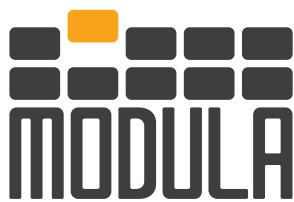


MODULA WORLD



Modula 在全球5 个大洲 50 多个国家均有经销商和分公司

Modula is present in **5 continents** with dealers and branches located in over **50 countries**



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中国江苏省苏州工业园区方洲路7号
电话:400 806 6811
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