3D Intelligent Storehouse
立體智能倉庫
電商倉庫

智能倉

工具倉
(櫃)

行政事業單位倉庫

連鎖零售倉庫

工廠倉庫

零件倉
(櫃)

智能倉儲庫
(櫃)
成本能輕鬆負擔的立體智慧倉庫

A three-dimensional intelligent warehouse which is easy to afford

輕易實現倉儲數字化及無人化

Easy to achieve digital & unmanned storage
智能倉庫
物料存儲中心、數據採集中心、大數據儲存中心、大數據處理中心
多間公司，多個倉庫做統一的大資料處理

INTELLIGENT WAREHOUSE
Material storage center, data acquisition center, big data storage center, big data processing center
Do unified big data processing for multiple companies and multiple warehouses
數位化立體智能倉庫
由智能管理系統＋貨架＋碼垛車機器人＋載體組成

DIGITAL THREE-DIMENSIONAL INTELLIGENT WAREHOUSE
IT IS COMPOSED OF INTELLIGENT MANAGEMENT SYSTEM + STORAGE RACK
PALLETTIZING ROBOT + CARRIERS

利用系統來指揮機器人實現物料的智能存儲、物料的轉運與進出、物料的數據採集、以及大數據的分析與存儲，邏輯關係的搭建編輯等；用報表的形式展現在我們管理者面前，再通過擴展技術以看板、ERP和MES管理系統對接，提供大數據的數位化支援。

Using the system to command the robot to realize the intelligent storage, material transport and pass inlet/outlet, materials and data acquisition, data analysis and storage, build the logical relationship with the report form editor; show in front of managers, and by extending the technology to ERP and MES, Kanban management system docking, to provide digital support for large data.
數位化立體智慧倉庫的出現，全面解決您的困擾，省時省力省錢！
把倉庫管理變成了一台簡單的操作設備

The emergence of digital three-dimensional intelligent warehouse, will solve your problems comprehensively and can save time, effort and money!
Turns warehouse management into a set of simple operating equipment

十大核心優勢
TEN CORE HIGHLIGHTS

每 天 都 在 幫 您 省 錢
全電子單操作，取貨快，節省人力和時間，隨時自动生成物料盤點單、財務盤點單

無縫式規範化管理，物料絕對安全
軟體系統能對每個角色及部門許可權進行設置，完全依照所需要的管理模式進行，沒有任何管理漏洞

安裝簡便
純組合式快速安裝，一般無需土建工程；週邊多種封裝選擇，能做到防盜，防塵，防鼠

大資料雲計算
多間公司，多個倉庫自動並網式運作，作統一的大資料處理

綠色環保
所有單據均為電子單，設計從採購到倉庫到財務環環相扣，所有的相關表格自動生成

應 用 範 圍 廣
可單獨作智能儲存櫃使用，存放各種貴重物品，應用至各行各業

功能齊全
具備所有平日所需要的物料「先進先出」功能及主要提示功能
(個人審批任務提示，機器人故障提示，物料安全庫存提示，物
料跟催提示，物料借用及歸還提示，)

遠程控制
通過授權能遠端計算機監控辦公，創建電子單據、審批和查找物
料
傳統倉庫的缺陷
DEFECTS OF TRADITIONAL WAREHOUSE

人力耗費多
Squandering a lot of manpower

佔地面積大
Covering huge area

物料不安全
Materials are not safe

管理漏洞大
Management loophole is big

盤點耗時長
Inventory time-consuming is long

我們為您設計的不是自動化倉庫而是工業4.0的立體智能倉庫！
What we designed for you is not an automatic warehouse but a three-dimensional intelligent warehouse of Industry 4.0!

Help you save money every day
Full electronic document operation, pick up fast, save manpower and time, automatically generate material inventory sheets and financial inventory sheets

Seamless standardized management, absolute safety materials
Software system can set permissions for each role and each department, and perform in full accordance with the required management mode; there is no management loophole

Help you save space
Three-dimensional placement, efficient use of space

Software is efficient and practical
Software is equipped with a robot assistant, with voice / text prompt and query functions; inquire materials inventory, in & out record and storage location at any time; in-and-out warehouse and retrieval for all materials are performed according to Fridy code material name or internal material number

Complete functions
Has “first-in-first-out” function for all materials required usually and main prompt functions (personal approval task prompt, robot fault prompt, materials safety stock prompt, materials borrowing and returning prompt)

Remote control
Can control remote computer to monitor working, create electronic documents, approve and look up materials by authorization

Easy installation
Purely combined quick installation, no need for civil engineering commonly: a variety of packaging options on the periphery, can achieve anti-theft, anti-dust and rat proof

Big data cloud computing
Automatic parallel operation for multiple companies and multiple warehouses: making unified big data processing

Green and environmental protection
All documents are in electronic form, an interlocking design from the procurement to the warehouse to the finance, all the relevant forms are generated automatically

Wide range of applications
Can be used as an intelligent storage cabinet separately, store various valuables, and be applied to all industries
數字化立體智能倉庫
四大核心組成結構

DIGITAL THREE-DIMENSIONAL INTELLIGENT WAREHOUSE
Structure of four core components

智能管理系統
智能倉庫管理系統（通用版）、智慧工具管理系統、智能模具管理系統、智能檔案管理系統、智能車間線邊庫管理系統、智慧商行管理系統、智慧分揀系統

Intelligent management system
Intelligent warehouse management system (Universal Version), Intelligent tool management system, Intelligent mould management system, Intelligent file management system, Intelligent workshop storage-area management system, Intelligent trading-house management system, Intelligent sorting system

貨架
貨架外觀可根據實際情況設計，全封閉、全透明、半封閉、半透明、全框架，室內及室外均可使用

Storage rack
The appearance of storage racks can be designed according to actual situation, fully enclosed, fully transparent, semi-closed, semi-translucent, full-frame, available both indoor and outdoor
碼垛機器人
無線控制、智慧存取貨物、無需人工作業

Palletizing robot
Wireless control, intelligent access to goods, no need of manual operation

載體
各種規格周轉箱、卡板、智慧櫃可根據不同實際用途選擇，標准規格外可接受非標定制

Carriers
Various specs of turnover boxes, card boards and intelligent cabinets can be chosen according to different purposes; non-standard custom can be accepted besides standard specifications
數字化立體智能倉庫
碼垛機器人

DIGITAL THREE-DIMENSIONAL INTELLIGENT WAREHOUSE
Palletizing Robot
周轉箱式貨叉尺寸圖  
Turnover-box cargo fork Specifications

卡板式貨叉尺寸圖  
Pallet type cargo fork Specifications

### 周轉箱式貨叉尺寸圖

<table>
<thead>
<tr>
<th>規格</th>
<th>尺寸/Size</th>
<th>單位/Unit:mm</th>
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<td>B2</td>
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注：非標周轉箱貨叉在尺寸上會發生變化！  
Note: Forks for non-standard turnover turnover-box cargo fork change in size!

### 卡板式貨叉尺寸圖

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<thead>
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<th>規格</th>
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注：非標卡板式貨叉在尺寸上會發生變化！  
Note: Forks for non-standard turnover turnover-box cargo fork change in size!
載體的規格  Specification of carrier

4#周轉箱/Turnover-Box
載體尺寸 Size of carrier: 460*360*150mm
靜態承重 Static load-bearing: 50kg
動態承重 Dynamic load-bearing: 40kg

5#周轉箱/Turnover-Box
載體尺寸 Size of carrier: 500*360*175mm
靜態承重 Static load-bearing: 60kg
動態承重 Dynamic load-bearing: 50kg

8#周轉箱/Turnover-Box
載體尺寸 Size of carrier: 550*420*295mm
靜態承重 Static load-bearing: 80kg
動態承重 Dynamic load-bearing: 65kg

22#周轉箱/Turnover-Box
載體尺寸 Size of carrier: 610*500*400mm
靜態承重 Static load-bearing: 100kg
動態承重 Dynamic load-bearing: 80kg

A12#周轉箱/European standard logistics box
載體尺寸 Size of carrier: 800*600*340mm
靜態承重 Static load-bearing: 120kg
動態承重 Dynamic load-bearing: 100kg
*Iron turnover-box or iron card board can be customized

1010 网格九脚 27#/Nine-feet of grid
- 载体尺寸/Size of carrier: 1000*1000*140mm
- 静态承重/Static load-bearing: 2000kg
- 动态承重/Dynamic load-bearing: 600kg

1109 网格九脚 10#/Nine-feet of grid
- 载体尺寸/Size of carrier: 1100*900*140mm
- 静态承重/Static load-bearing: 1000kg
- 动态承重/Dynamic load-bearing: 500kg

1111 网格九脚 36#/Nine-feet of grid
- 载体尺寸/Size of carrier: 1100*1100*140mm
- 静态承重/Static load-bearing: 5000kg
- 动态承重/Dynamic load-bearing: 1000kg

A1208 网格九脚 26#/Nine-feet of grid
- 载体尺寸/Size of carrier: 1200*800*140mm
- 静态承重/Static load-bearing: 5000kg
- 动态承重/Dynamic load-bearing: 1000kg

S1210 网格九脚 37#/Nine-feet of grid
- 载体尺寸/Size of carrier: 1200*1000*125mm
- 静态承重/Static load-bearing: 5000kg
- 动态承重/Dynamic load-bearing: 1000kg
貨架尺寸 Storage rack Size

<table>
<thead>
<tr>
<th>型號</th>
<th>周轉箱/卡板規格</th>
<th>負載(kg)</th>
<th>貨高</th>
<th>L0進/出</th>
<th>L1單格</th>
<th>L2尾部預留位</th>
<th>H0底基本高度</th>
<th>H1貨架層高</th>
<th>W0</th>
<th>W1單格貨架寬</th>
<th>倉庫體積</th>
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<td>5810 1800 3150</td>
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<td>1500</td>
<td>700</td>
<td>貨高+350</td>
<td>1100</td>
<td>1000</td>
<td>L1<em>列數+4000 3100 H1</em>層數+900</td>
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<td>L1<em>列數+4000 3100 H1</em>層數+900</td>
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</table>

箱式貨架周轉箱的排布及數量
Layout and quantity of turnover boxes of box-type rack

<table>
<thead>
<tr>
<th>型號</th>
<th>周轉箱規格</th>
<th>標準倉箱數</th>
<th>標準倉箱排佈</th>
<th>延伸倉箱數</th>
<th>延伸倉箱排佈</th>
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室內室外均可使用
封閉、透明、框架，隨意選擇！

Available both indoor and outdoor, free choice for enclosed, transparent, frames!

產品系列選型表
TABLE FOR TYPE SELECTION OF SERIES OF PRODUCTS

請按照選型步驟①~⑥選擇型式和參數後進行訂購
Please follow the type-selection steps ① ~ ⑥ to select the type and parameters and then order

① 系列
ESJ

② 軟件系統
A

③ 使用環境
I

④ 載體規格
B1

⑤ 高度
3150

⑥ 外型形式
2
<table>
<thead>
<tr>
<th>系列</th>
<th>軟體系統</th>
<th>使用環境</th>
<th>載體規格</th>
<th>高度</th>
<th>外圍形式</th>
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<tr>
<td>ES (無碼垛車)</td>
<td>ESJ(有碼垛車)</td>
<td>I</td>
<td>箱式</td>
<td>3150</td>
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<td>(室內)</td>
<td>B0(4#周轉箱)</td>
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<td>1(鋁合金玻璃)</td>
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<td>聰明模具倉庫管理系統(B)</td>
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<td>2(岩棉板+鋁合金邊框)</td>
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<td>聰明工具倉庫管理系統(C)</td>
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數字化立體智能倉庫
八大系列58款產品

DIGITAL THREE-DIMENSIONAL INTELLIGENT WAREHOUSE
Eight series of 58 products

為客戶所想全面適用
Comprehensively applicable in customers' mind
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</table>
| 1. | 智能倉 | Intelligent Warehouse  
企事業單位適用/貨類貨物存儲/智能管理系統  
Applicable for enterprises and institutions / storage of cargo and goods / intelligent management system |
| 2. | 工具庫 | Tool Warehouse  
專業工具儲存/量身定制/智能管理系統  
Professional tool storage/ custom-made / intelligent management system |
| 3. | 模具庫 | Mould Warehouse  
適合所有模具/量身定制/智能管理系統  
Suitable for all moulds / custom-made / intelligent management system |
| 4. | 檔案庫 | File Warehouse  
檔案存取新概念/量身定制/智能管理系統  
New concept of file accessing / custom-made intelligent management system |
| 5. | 售貨櫃 | Display Cabinet  
百貨銷售新概念/量身定制/智能管理系統  
New concept of department store sales / custom-made / intelligent management system |
| 6. | 智能車間線邊庫 | Intelligent Workshop Storage-area  
數字化車間/無人化車間/智能管理系統  
Digital workshop / unmanned workshop/ intelligent management system |
智能倉庫
軟體：智能倉庫管理系統（通用版）
應用於各行業的零件倉庫、成品倉庫

INTELLIGENT WAREHOUSE
SOFTWARE: INTELLIGENT WAREHOUSE MANAGEMENT SYSTEM (UNIVERSAL VERSION)
Applied to parts warehouse and finished-product warehouse of all industries.
核心特點 Features

1. 機器人智慧取物，方便快捷
2. 條碼管理（可一維碼、二維碼、RFID碼管理）
3. 與ERP\MES等軟體無縫對接，實現終端自動化取物
4. 智能分區擺放，物料查詢清晰
5. 有OA審批功能
6. 有ERP採購部相關功能
7. 有財務應收和應付款功能
8. 系統能生成條碼，配有條碼印表機，無線掃碼槍
9. 能與自動化設備對接（AGV,流水線、過渡碼頭等）
10. 倉庫物料的各種查詢功能
11. 支援客戶個性化要求的二次開發
12. 多間異地工廠、多個部門、多個倉庫聯網式運行，做統一的大資料處理
13. 手機移動APP，能用手機操作查看，審批等方便快捷

1. Robot intelligent fetch, convenient and quick
2. Bar code management (suitable for one-dimensional code, two-dimensional code, RFID code management)
3. Seamless connection with ERP\MES and other softwares to realize terminal auto-fetch
4. Intelligent partition display. Material query is clear
5. Has OA approval function
6. Has related functions of ERP purchasing department
7. Has financial receivables and payables functions
8. The system can generate bar codes, equipped with bar code printer and wireless scan code gun
9. Can connect with automation equipment (AGV, assembly line, transition dock, etc)
10. Various query functions of warehouse materials
11. Secondary development according to the personalized demands of the client is supported
12. Networked running among several relocated factories, several departments, and several warehouses is conducted, and big data is processed in a unified manner
13. Mobile APP is developed, which can allow user to check via mobile phone and make the approval more convenient and efficient

12款規格任選
可根據實際用途選擇不同的載體

12 different sizes available
Different carriers can be selected according to actual use
INTELLIGENT TOOL WAREHOUSE
SOFTWARE: INTELLIGENT TOOL MANAGEMENT SYSTEM

It is applied in terms of the management of valuable tools in CNC workshop, management of tools in maintenance workshop and department, tool warehouse at multiple maintenance sites in different places and synchronization action.
核心特点 Features

1. 机器人智慧取物，方便快捷
2. 条码管理（一维码、二维码、RFID码管理）
3. 能采用借用单形式借出工具，归还日期未归还入库，系统自动提示报警，保证物料安全，不会丢失，借用工具记录，借用可追溯
4. 有工具报废单，损坏工具，依管理程式报废
5. 与ERP/MES等软体无缝对接，实现终端自动化取物
6. 智能分区摆放，物料查询清晰
7. 有OA审批功能
8. 系统能生成条码，配有条码印表机，无线扫描枪
9. 各种工具的库存查询，数量、位置，相关借用记录等
10. 支援客户个性化要求的二次开发
11. 多间异地工厂、多部门、多仓库联网式运行，做统一的大资料处理
12. 手机移动APP，能用手机操作查看，审批等方便快捷

1. Robot intelligent fetch, convenient and quick
2. Bar code management (suitable for one-dimensional code. two-dimensional code, RFID code management)
3. Tools can be borrowed out by filling out Borrowing Application Form, and if tools fail to be returned at return date, the system will automatically prompt and send alarm to ensure safety of materials and prevent loss. Tools to be borrowed shall be recorded and the borrower can be traced
4. Tools Scrapping Form is provided, and any tools damaged will be subject to scrapping procedures as per management rules
5. Seamless connection with ERP/MES and other softwares to realize terminal auto-fetch
6. Intelligent partition display, Material query is clear
7. Has OA approval function
8. The system can generate bar codes, equipped with bar code printer and wireless scan code gun
9. Inventory inquiry of various tools is allowable, including quantities, locations and relevant borrowing records etc
10. Secondary development according to the personalized demands of the client is supported
11. Networked running among several relocated factories, several departments, and several warehouses is conducted, and big data is processed in a unified manner
12. Mobile APP is developed, which can allow user to check via mobile phone and make the approval more convenient and efficient

7款规格任选
可根据实际用途选择不同的载体
7 different sizes available
Different carriers can be selected according to actual use
智能模具庫
軟體：智能模具管理系統
應用於五金模具、治具、塑膠模具等庫

INTELLIGENT MOULD WAREHOUSE
SOFTWARE: INTELLIGENT MOULD MANAGEMENT SYSTEM

Applied in metal molds, fixtures, plastic molds and other warehouses.
核心特點 Features

1. 機器人智慧取物，方便快捷
2. 條碼管理（可一維碼、二維碼、RFID碼管理）
3. 與ERP\MES等軟體無縫對接，實現終端自動化取物
4. 智能分區擺放，物料查詢清晰
5. 有OA審批功能
6. 模具清單式管理，能一次性找出該模具的所有配件
7. 系統能生成條碼，配有條碼印表機，無線掃碼槍
8. 能與自動化設備對接（AGV、流水線、過渡碼頭等）
9. 支援客戶個性化要求的二次開發
10. 多間異地工廠、多個部門、多個倉庫聯網式運行，做統一的大資料處理
11. 手機移動APP，能用手機操作查看，審批等方便快捷

1. Robot intelligent fetch, convenient and quick
2. Bar code management (suitable for one-dimensional code, two-dimensional code, RFID code management)
3. Seamless connection with ERP MES and other softwares to realize terminal auto-fetch
4. Intelligent partition display. Material query is clear
5. Has OA approval function
6. It is featured by mould list-based management, which can find out all accessories of the mould at a time
7. The system can generate bar codes, equipped with bar code printer and wireless scan code gun
8. Can connect with automation equipment (AGV, assembly line, transition dock, etc)
9. Secondary development according to the personalized demands of the client is supported
10. Secondary development according to the personalized demands of the client is supported
11. Networked running among several relocated factories, several departments, and several warehouses is conducted, and big data is processed in a unified manner
12. Mobile APP is developed, which can allow user to check via mobile phone and make the approval more convenient and efficient

12款規格任選
可根據實際用途選擇不同的載體

12 different sizes available
Different carriers can be selected according to actual use
INTELLIGENT ARCHIVE MANAGEMENT LIBRARY
SOFTWARE: INTELLIGENT FILE MANAGEMENT SYSTEM

It can be applied in storage library of film, sample, and hard-copy archives etc.
核心特點 Features

1. 機器人智慧取物，方便快捷
2. 條碼管理（可一維碼、二維碼、RFID碼管理）
3. 與ERP/MES等軟體無縫對接，實現終端自動化取物
4. 智能分區擺放，檔案查詢清晰
5. 有OA審批功能
6. 檔案位置直接查詢，直接取出，保留存取記錄
7. 系統能生成條碼，配有條碼印表機，無線掃碼槍
8. 能與自動化設備對接（AGV,流水線，過渡碼頭等）
9. 支援客戶個性化要求的二級開發
10. 多間異地工廠、多個部門、多個倉庫聯網式運行，做統一的大資料處理
11. 手機移動APP，能用手機操作查看，審批等方便快捷

1. Robot intelligent fetch, convenient and quick
2. Bar code management (suitable for one-dimensional code, two dimensional code, RFID code management)
3. Seamless connection with ERP MES and other soft wares to realize terminal auto-fetch
4. Intelligent partition display, and archive file query
5. Has OA approval function
6. It is featured by mould list-based management, which can find out all accessories of the mould at a time
7. The system can generate bar codes, equipped with bar code printer and wireless scan code gun
8. Can connect with automation equipment (AGV, assembly line, transition dock, etc)
9. Secondary development according to the personalized demands of the client is supported
10. Networked running among several relocated factories, several departments, and several warehouses is conducted, and big data is processed in a unified manner
11. Mobile APP is developed, which can allow user to check via mobile phone and make the approval more convenient and efficient

7款規格任選
可根據實際用途選擇不同的載體

7 different sizes available
Different carriers can be selected according to actual use
INTELLIGENT WORKSHOP'S TEMPORARY STORAGE WAREHOUSE
SOFTWARE: INTELLIGENT WORKSHOP STORAGE-AREA MANAGEMENT SYSTEM
It is applied in intelligent workshop temporary storage warehouse, intelligent production and automatic assembly and supplement materials supply warehouse.
核心特點 Features

1. 廠房物料，各工位的半成品，成品，空載體存儲中心
2. 零件物料，各工位的半成品物料，成品物料，空載體物料
3. 數據採集中心
4. 提供與MES等管理軟體介面協定，進行無縫對接
5. 所有物料轉運，運輸系統
6. 大資料統計提取中心，相關的報表中心
7. 能與自動化設備對接（AGV, 流水線，過渡碼頭等）
8. 支援客戶個性化要求的二次開發
9. 多間異地工廠，多個部門，多個倉庫聯網式運行，做統一的大資料處理
10. 手機移動APP，能用手機操作查看，審批等方便快捷

1. It is the storage center for workshop materials, semi-finished products and finished products and empty carriers at each post
2. It is the data collection center for parts, semi-finished products and finished products and empty carriers at each post
3. As the storage center of relevant materials and information including in-out time, receiver, warehouse operator, big data, it provides data support for management software in intelligent workshop such as MES
4. It provides the interface protocol with management software such as MES for the purpose of seamless connection
5. All materials transfer and transport system
6. It is the big data statistics extraction center, and relevant report center
7. Can connect with automation equipment (AGV, assembly line transition dock, etc)
8. Secondary development according to the personalized demands of the client is supported
9. Networked running among several relocated factories, several departments, and several warehouses is conducted, and big data is processed in a unified manner
10. Mobile APP is developed, which can allow user to check via mobile phone and make the approval more convenient and efficient

12款規格任選
可根據實際用途選擇不同的載體
12 different sizes available
Different carriers can be selected according to actual use
智能售貨櫃
軟體: 智能商行管理系統
應用於五金、電器、刀具、機器配件銷售各零售批發店用

INTELLIGENT DISPLAY CABINET
SOFTWARE: INTELLIGENT TRADING-HOUSE MANAGEMENT SYSTEM
It can be applied in all retail and wholesale stores for sale of hardware, electric appliance, knife, accessories of machinery
核心特點 Features

1. 機器人智慧取物，方便快捷
2. 條碼管理（可一維碼、二維碼、RFID碼管理）
3. 收款與電子支付、現金錢箱掛勾，資金絕對安全
4. 物料安全，全程硬碟攝象處理，能隨時監控銷售人行為
5. 所有現金帳目清楚，系統自動統計，每天銷售額，每週銷售額，每月銷售額
6. 產品銷售數量統計，預測下月銷售產品
7. 節省地方，節省人力，快速回本
8. 這端查看功能，帳目隨時查看，一目了然

1. Robot intelligent fetch, convenient and quick
2. Bar code management (suitable for one-dimensional code, two-dimensional code, RFID code management)
3. Payment based on cash or e-payment, 100% fund safety.
4. Materials are safe, and whole-process hard-drive video processing is adopted to monitor the behaviors of the seller at all times.
5. All items of cash account are clear, and the system can conduct automatic statistics with respect to the daily sales volume, weekly sales volume and monthly sales volume.
6. It can conduct statistics of product sales volume and predict the products to be sold next month.
7. It can save area, labor and rapidly get profits.
8. It has remote check function, which allows you to check the account items at any time.
智能分揀系統
物料智能搬運分揀到多個工作站，運輸速度更快、效率更高成本更低，更智能

INTELLIGENT SORTING SYSTEM
Materials Are Intelligent Transferred To Each Work Station, With Faster Transmission Speed, Higher Efficiency, Lower Cost And More
智能樓層升降機
物料樓層之間的運輸光靠電梯，工作量大，耗人多，而且對於車間智能化的對接是一個很大的困難，樓層物料升降機設計很容易，投資成本低，能充份地與您智能物料無縫對接！

INTELLIGENT FLOOR ELEVATOR
The material transport between floors by elevator, heavy workload, consumption of many people, but also for the docking intelligent workshop is a very great difficulty, the floor Elevator design is easy, low investment cost, can fully seamlessly with your smart materials!
數字化立體智能倉庫
品質信心的保證

DIGITAL THREE-DIMENSIONAL INTELLIGENT WAREHOUSE
Quality Assurance
金屬材料
Metallic Materials

所有金屬除鏽做噴粉處理
All metals shall be sprayed with powders for de-rusting
(與電冰箱層處理相同)
(same with refrigerator layer)

噴塗工藝
Painting and spraying process

馬達
Motor

日本三菱電機
Japan’s Mitsubishi Electric

控制系統部件
Parts of control system

臺灣工業電腦，專業設計控制軟體
Taiwan industrial computer, professional design control software

觸控式熒幕：臺灣威倫、日本歐姆龍
Touch Panel: Taiwan WEINVIEW, Japan OMRON

感測器：奧托尼克斯
OMRON sensor: AUTONICS
數位化立體智能倉庫
成本回報分析

DIGITAL THREE-DIMENSIONAL INTELLIGENT WAREHOUSE
Cost Return Analysis

一個中型倉庫來計算

★ 直接回報
1. 節省廠房面積；
2. 直接節省人力；
3. 獨立可用的倉庫管理軟件（WMS），無需另行編寫或接合。

★ 間接回報
1. 規範管理，杜絕了管理漏洞，物料安全得到保證，防止了物料的丟失；
2. 與ERP直接對接，保證物料與ERP一致，完全依照管理模式進行，中間管理環節得到節省；
3. 領料節省時間，全電子單操作，改變傳統領料模式，綠色環保；
4. 物料清晰，軟件有多項警示功能，能智能提醒相關人員，相關人員能直接地了解到倉儲物料，避免產生管理偏差，出現生產車間物料不能對接，出現待工；
5. 軟體有庫齡分析，機器人能準確地找到儲存物料，倉庫不會出現呆滯料；
6. 提高公司形象，提高接單率；
7. 倉庫物料無需月月盤點。

倉庫越大，產生的效益越大，絕對是一個值得投資的項目！
Calculated based on a middle size warehouse

★ Direct return
1. Plant area is saved for 400m².
2. Saved labour cost.
3. A separate warehouse management system which is not compulsory to connect with other systems.

★ Indirect return
1. Management is regulated, and management defect is avoided, so that it can guarantee safety of materials and prevent loss of materials;
2. It can be directly connected with ERP to ensure consistency of materials with ERP; management procedures are compiled and for intermediate link;
3. Time of receiving materials is saved, full-electronic form is used, which changes the traditional receiving mode and has advantages of green and environmental protection;
4. Materials are clear, software is set with several alarm functions and can intelligent reminder all relevant personnel, and relevant personnel can directly know the warehouse materials, so as to avoid any management error, connection failure for materials in production warehouse, and even idling;
5. The software has function of inventory age analysis, which means the robot can accurately find the stored materials, and there will be no slow-moving material in warehouse;
6. Improve company image and order-receiving ratio;
7. Warehouse materials are not required to be counted each month.

The bigger the warehouse, the more profits it will achieve. It is definitely a worth-investing project!
倉儲系統設備一站式方案

Warehouse Total Solution