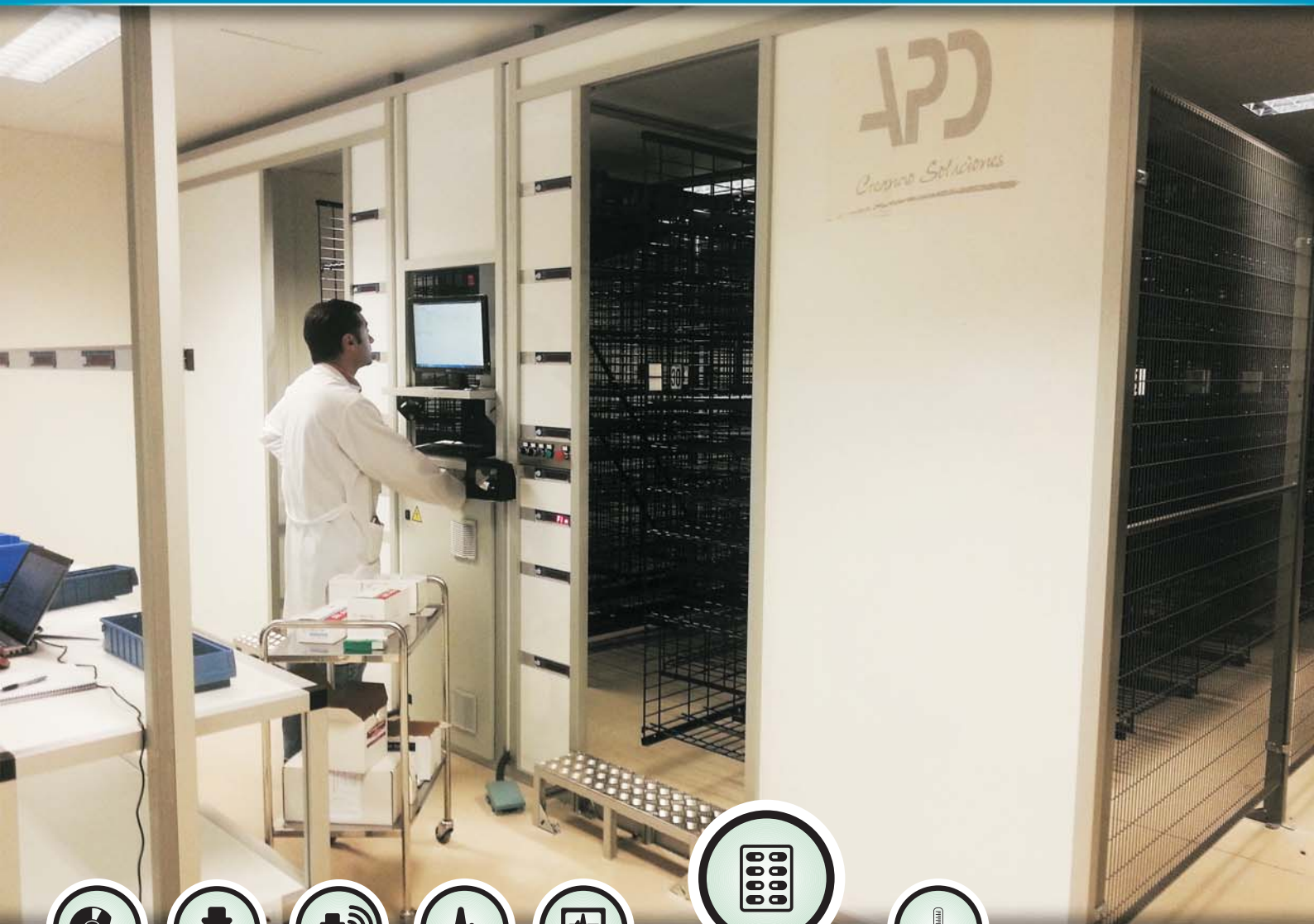


Athos™ Storage - Horizontal Carousel

For the complete automation of the medication management process



Athos™ Pharma



Athos™ Dosys



Athos™ Ucri



Athos™ Mobit

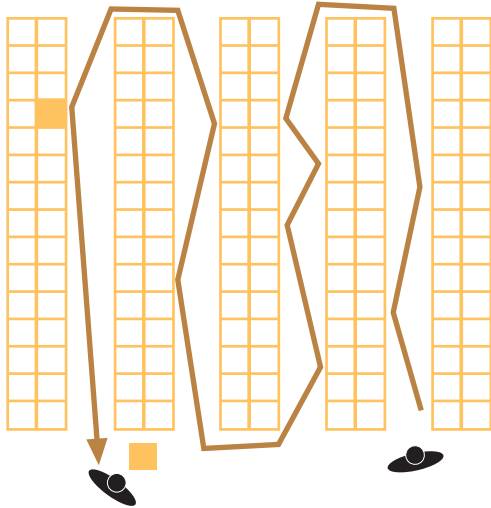


Athos™ Storage



Athos™ Temp

UNIVERSAL ORD



Operator to product:
limited to aprox. 60 lines / hour

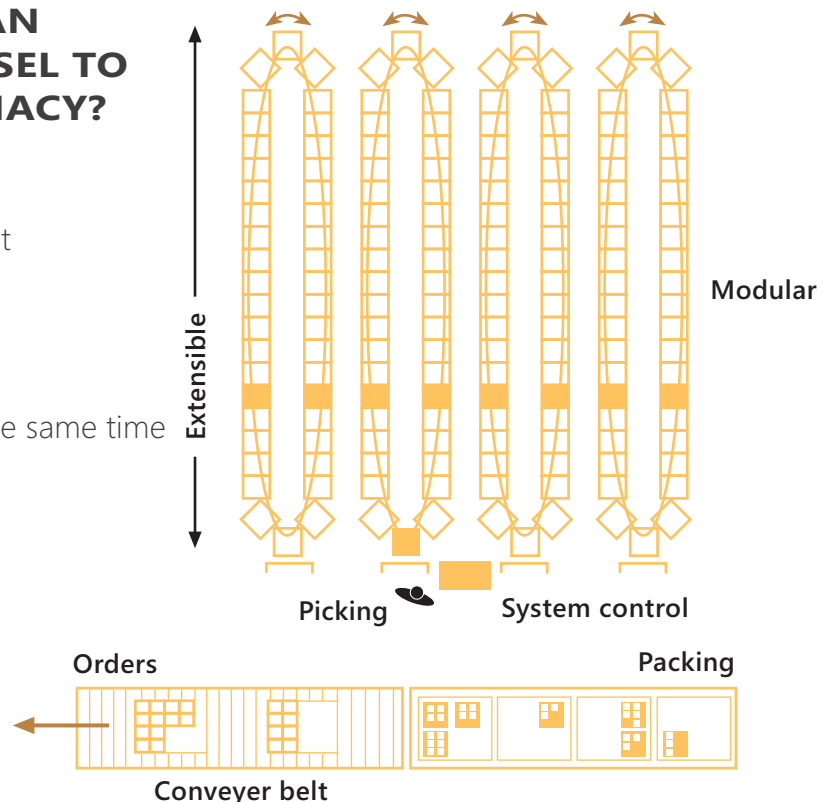
HOW DOES A CONVENTIONAL SYSTEM WORK?

- Time wasted walking long distances all over the warehouse
- Excessive search time
- Errors
- Post-preparation check-up
- Manual preparation of each order
- Intensive use of specialized staff



WHAT CAN PROVIDE AN AUTOMATED CARROUSEL TO THE HOSPITAL PHARMACY?

- Centralization of the picking point
- Elimination of errors
- High productivity rates
- Elimination of paper support
- Preparation of several orders at the same time
- Simultaneous Picking & Packing
- Real time inventory update
- Reduction of administrative tasks
- Non-specialized staff
- Quick capital ROI



Product to operator:
Enhanced productivity up to 350/500 lines / hour

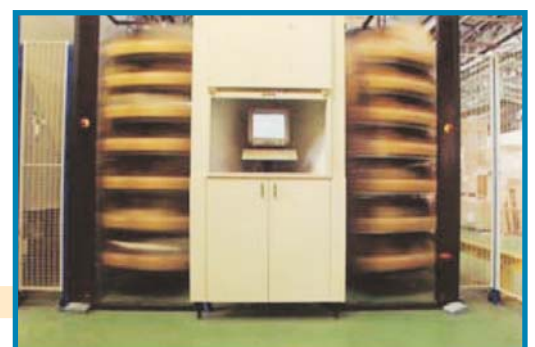
ER PREPARATION



Pharmacists work zone

MAIN CHARACTERISTICS

- Up to 250 Kg per tray
- Up to 1,200 Kg per module
- Up to 54,000 Kg per carrousel
- Up to 50m long
- Wide range of dimensions available for trays and modules
- Enhanced productivity in the preparation of orders
- Different automatic controls with customized computerized management



Front view of the installation

PREPARATION OF ORDERS

SEQUENCE OF USE

1. Orders launch

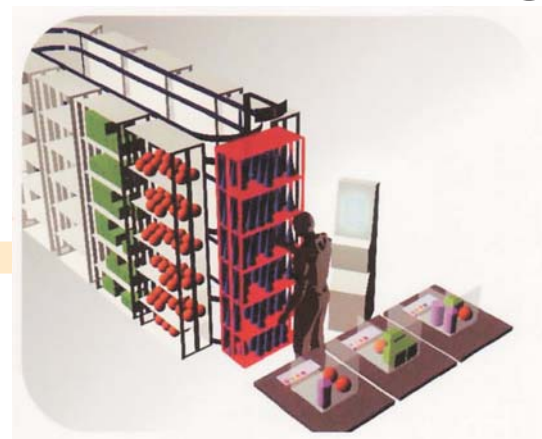


The carousel rotates and presents the pharmacist with the correct product.

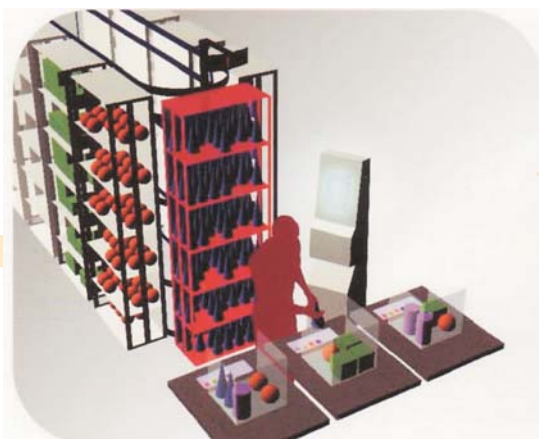


2. Picking

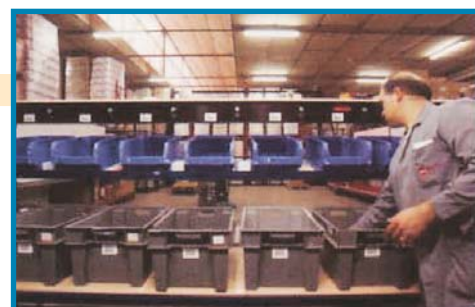
The pharmacist carries out the picking, based on the display signaling.



3. Packing



The pharmacist deposits the collected units following the instructions of the classification bar.



KEY ADVANTAGES

MAXIMUM USE OF THE SPACE

- Great savings of the occupied surface by eliminating useless corridors
- Maximum use of available space



GREAT PRODUCTIVITY IN ORDER PREPARATION

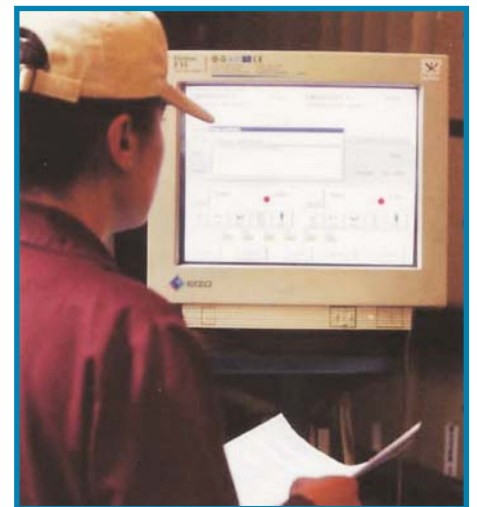
- Based on the "product to operator" principle
- Fixed Picking Post with operator assistance
- Preparation of several orders at the same time
- Between 350 and 600 lines per operator/hour

ELIMINATION OF ERRORS

- The work of the pharmacists is well directed and based on simple tasks
- Redundant controls – scanner

FULLY COMPUTERIZED MANAGEMENT

- Perfect control and optimization of the system
- Integration with Stock management systems, purchasing departments, etc.
- Real time control of stocks: efficiency and purchasing control





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