

**PHARMATHEK**

AUTOMATION TECHNOLOGIES

THE **EVOLUTION**  
OF THE  
PHARMACIST



STOMACO INTESTINO

ACIDITA' DI STOMACO

FIBRE

STITICHEZZA

DISTURBI INTESTINALI

STITICHEZZA

STOMACO INTESTINO

DIAGNOSI INVERNALI

DIAGNOSI INVERNALI

scelti per voi

ABOUT US

**PHARMATHEK**  
AUTOMATION TECHNOLOGIES



THE NEW MILLENNIUM,  
YOUR YOUR **FUTURE**.

We imagine a world of new opportunities for every pharmacist, a world where technology enhances professionalism, innovation improves relationships with customers, and where tasks are simplified through intelligent automation. This is the world of all the pharmacists who choose our services.



WHAT WE DO

OUR **AUTOMATION** IS INTELLIGENT.  
AND IT IS THE INTELLIGENT CHOICE

Mr. Alexander von Liechtenstein's vocation for robotics has been transformed into a successful business, dedicated to developing, manufacturing and installing automated warehouses for all pharmacies. Our robots are designed to manage medicine inventory, to monitor expiry dates and to optimize each pharmacy's stock. Furthermore, they can be adapted to suit a wide range of structural, technological and professional needs, and offer a rapid return on investment and an increasing profitability.

AUTOMATION  
WITH **ITALIAN DESIGN**

Absolute control of production processes combined with a design that can fit into any space creates excellence. And excellence generates total customer satisfaction. Satisfy a client means receiving his/her trust, which is the most important asset for Pharmathek.



DESIGN  
BY **ALBERTO MEDA.**

The most exclusive design meets a cutting edge technology. Alberto Meda, one of the world's leading industrial designers, has designed the external surface of robot Sintesi with a unique style.

THE **OPPORTUNITY**  
TO HAVE  
MANY MORE  
OPPORTUNITIES



#### **How many choices do you make when you choose Pharmathek?**

Today, choosing Pharmathek means having: the awareness of living in an era where technology increasingly plays the role of a friend and an ally, the foresight to invest in greater profitability, the convenience of delegating a large number of laborious tasks to an advanced automated system the peace of mind that comes with a highly reliable storage management system that largely eliminates human errors. But most of all, **the opportunity to dedicate more time to each client.**

The main benefits are:

Better stock management:

- Improved space management
- Stock optimization
- Real time stock, rotation and expiry date checks
- Reduced working times
- Automatic returns management
- Increased liquidity available to the pharmacy

More space and more time for customer management:

- Increased space available for sales and/or service areas
- Consolidated relationship with the customer
- Promotion of the pharmacy and its services
- Advice about purchased products or treatments
- Increased cross-selling activities
- Increase in pharmacy turnover

# SINTESI

LESS ENCUMBRANCES  
IN THE PHARMACY,  
**MORE SPACE**  
FOR YOUR CLIENTS

**PHARMATHEK**  
AUTOMATION TECHNOLOGIES

## WHAT IS IT?

Sintesi is a rapid, flexible robotized warehouse designed to manage the flow of medicines and all their data, including the expiring date. The system is designed to fit perfectly into every pharmacy. It can be customized to meet the needs and expectations of the professional pharmacist, and the wide range of materials and finishes available are designed to assist in promoting the pharmacy's identity.

## FEATURES AND FUNCTIONS

### ADAPTABILITY TO THE SPACE

A system designed to fit perfectly into any context, close to the counter or at a distance from it, at pharmacy floor, basement or raised level.

### DIMENSIONS AND CAPACITY

Customizable according to the specific needs of each pharmacy.

### OPERATOR POSITION AND ACCESS DOOR

May be positioned on any side of the automated warehouse.

### DISPLAY SYSTEM

The robot can be positioned behind the counter in such a way that forms an integral part of the furnishings and an effective display element.

### AESTHETIC CUSTOMIZATION

Thanks to the variety of materials available, the skillfully designed lighting system and the wide range of colours, the robot can be customized in order to enhance the internal space of the pharmacy.

### CONFIGURABILITY

Each pharmacy has its own specific requirements and the three options - single manipulator, double manipulator and Euclid3D - are designed to adapt to every need.

### MORE PRESCRIPTIONS AND SIMULTANEOUS SERVICE AT MULTIPLE SALES POSITIONS

Euclid3D, Pharmathek's exclusive patented system, optimizes timing and delivery to counter thanks to a unique workflow system, which is the only one of its kind in the market.

### DOUBLE MANIPULATOR

The double manipulator configuration, which is recommended in the case of extended machinery, increases performance during the loading and unloading phases.

### OPTIMIZED MANAGEMENT SOFTWARE

The Pharmathek management software identifies the most suitable position for each individual pack. The chaotic storage algorithm allows the pharmacist to store products in the warehouse offering the maximum possible customization.

### MANAGING REAL AND PROJECTED EXPIRY DATES

Sintesi and Pharmaload are able to read and manage expiry dates, thus optimizing product rotation and overall warehouse management.

# PHARMATHEK

AUTOMATION TECHNOLOGY

## SINTESI

LESS ENCUMBRANCES  
IN THE PHARMACY,  
**MORE SPACE**  
FOR YOUR CLIENTS



## ADVANTAGES

### ⚡ SPEED

Less time spent on warehouse operations, more time to devote to the customer. An effective formula for a greater pharmacy's profitability.

### 🕒 CONTROL

Stocks, turnover, expiry dates: everything is monitored by a reliable and accurate system. The technical support team guarantee the continuity of all the processes.

### ✅ RELIABILITY

The pharmacist can dedicate him/herself fully to offering customers the best possible advice, while Sintesi takes care of everything else. Sintesi will establish a new way of working in the pharmacy.

### ↔️ COMPACTNESS

The reduced size of the warehouse in the back-office leaves more space for sales and services.

### 🔗 INTEGRATION

Ease of use simplifies the working processes. Sintesi can be integrated seamlessly into the daily activities of the pharmacy.



# EUCLID3D

THE UP TO DATE  
GRIPPER FOR  
YOUR **AUTOMATED**  
WAREHOUSE

## WHAT IS IT?

Euclid3D is the exclusive Pharmatek's patented robot gripper with a temporary storage system. This technology made possible to group orders and prescriptions consisting of multiple products and to deliver them to the counter in a single solution. Thus, Euclid3D can be used to manage multiple orders, serving more than one operator at a time, optimizing delivery times, costs, and consumption.

## FEATURES AND FUNCTIONS

### "PRESCRIPTION BASED" OPERATION

The built-in storage unit in the gripper can be used to stock different products from separate orders. More than 90% of all orders are delivered to the counter in a single solution.

### MEDICINE PICK-UP REGARDLESS OF POSITION

Euclid3D amplifies the advantages of chaotic storage management. This results in increased storage density and hence greater containment capacity.

## ADVANTAGES

### ⚡ DELIVERY SPEED

Thanks to its ability to group deliveries together, Euclid3D guarantees speed where needed. The more complex the orders are, handled by one or more operators, the more significant the performance of Euclid3D compared to other systems.

### ★ OPTIMIZATION

The increased speed at which products are delivered to the counter is particularly helpful when the pharmacy is very busy.

### € INCREASED PROFITABILITY

Euclid3D is synonymous with speed. Speed that generates customer satisfaction and loyalty. patient.

### 🕒 LESS DISTANCE, MORE PERFORMANCE

On average, Euclid3D requires five less journeys than any other solutions available in the market to deliver an order, and this translates into reduced energy consumption and maintenance costs.

Euclid3D is the only solution that increases productivity in small or average-size systems.

## PHARMALOAD

### THE AUTOMATIC LOADING SYSTEM

## WHAT IS IT?

To manage a warehouse means to sort packages, check delivery notes, read and monitor stock turnover and expiry dates, return products to their drawers. But nowadays these tasks can be delegated to the Pharmaload automatic loading system that will perform automatically all these operations with precision, efficiency and speed. Results: an increased peace of mind and an improved time management.

## FEATURES AND FUNCTIONS

### FROM OPERATOR TO SUPERVISOR

Loading operations are fully automated. Pharmaload can operate in a continuous flow, reducing human intervention to a bare minimum.

### LIKE A PRODUCTION LINE

Each loading step is performed by a separate device, ensuring that all the operations involved in transferring the products to the robot are executed efficiently and rapidly.

### CONNECTION TO STOCK MANAGEMENT SYSTEM

The system interfaces with the pharmacy stock management system, with which it shares every data concerning stock and orders.

### 100% EXPIRY DATE CHECKING

Four built-in high-definition cameras enable Pharmaload to quickly and accurately identify the expiry dates marked on each package. Thanks to a powerful OCR reading system, dates are read automatically. Thanks to the Remote Data Entry Service (optional), the system ensures automatic acquisition of 100% of the expiry dates.

### DELIVERY NOTE CHECKING

Thanks to the communications between the robot and the stock management system, the delivery notes are checked automatically and accurately. One task less for the pharmacist.

### CLOUD INFORMATION SHARING

Pharmaload loaders share information in order to update the data relating to the product packages and optimize automatic reading productivity.

## ADVANTAGES

### ⚡ UP TO 300 PACKAGES PER HOUR

Pharmaload is characterized by speed and efficiency.

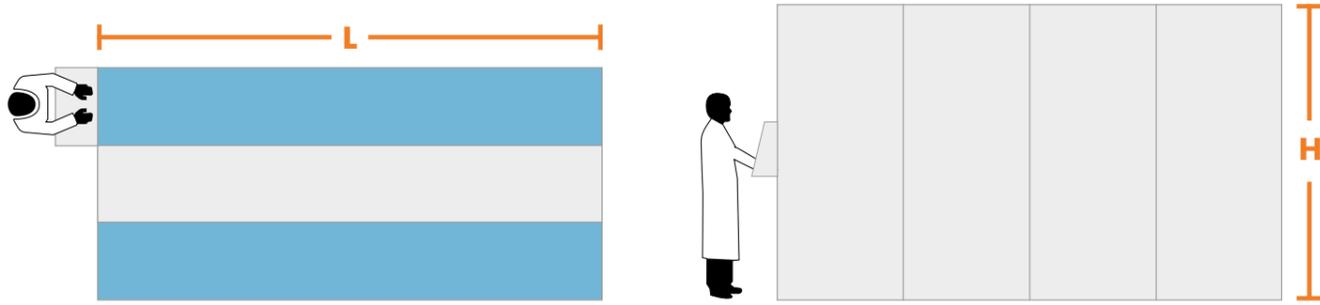
### ⌚ TIME SAVING

Installing Pharmaload means simplifying your professional activities in the pharmacy by delegating a series of important but repetitive tasks.

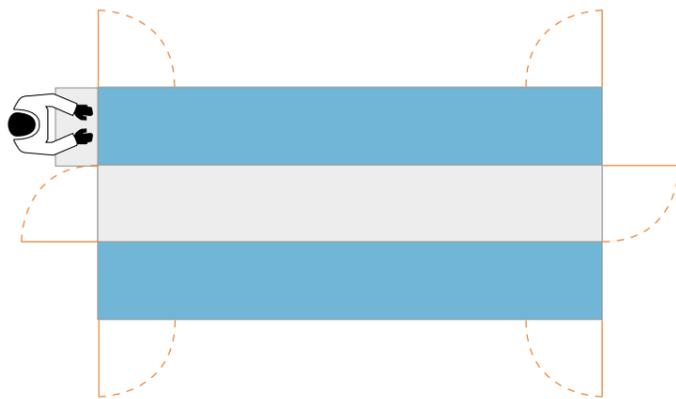
### 🧘 PEACE OF MIND

Pharmaload manage the stock in absolute autonomy and it does it in an excellent way. Loading individual packs, measuring boxes, reading bar codes, data matrix codes and expiry dates: all the phases of these operations are handled by Pharmaload, which means that the pharmacy personnel has no longer to take care of them.

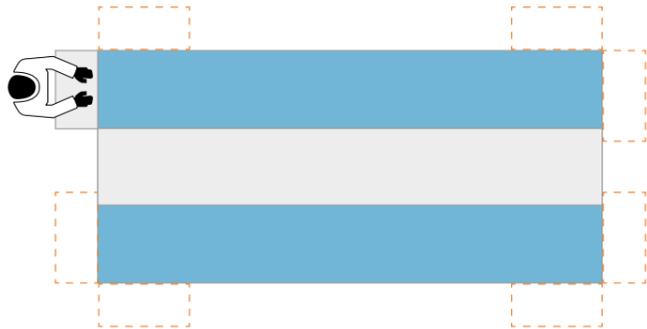
DATA SHEETS  
**VERSATILITY AND CUSTOMIZATION**



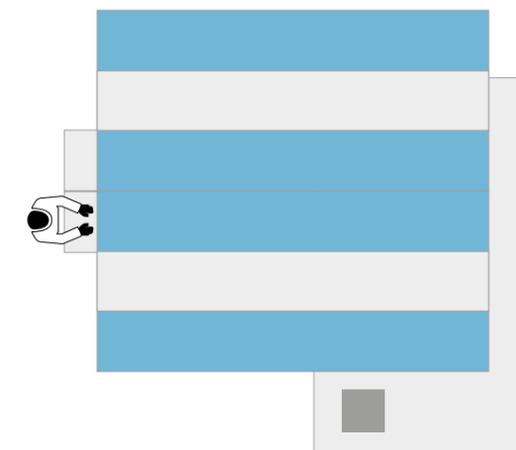
**LENGTH** from 9ft 10,11in to 49ft 2,55in - **HEIGHT** from 6ft 6,74in to 13ft 1,48in - **WIDTH** 4ft 8,30in. Thanks to the modular nature of Sintes, the robot can be adapted to any pharmacy space. Customized solutions can be designed upon request. Sintes is the most compact robot in its category.



**ACCESS DOOR**  
 The Sintes robot access door, which can be position on either the long or short side, is located in the most convenient point for the pharmacist.

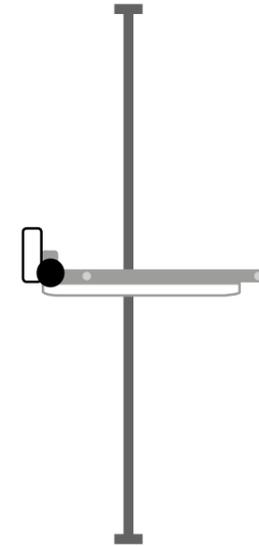


**OPERATOR POSITION**  
 The operator position can be located at any of the four corners of Sintes, on the short or long sides. This allows the pharmacist the maximum freedom when choosing the operating position.

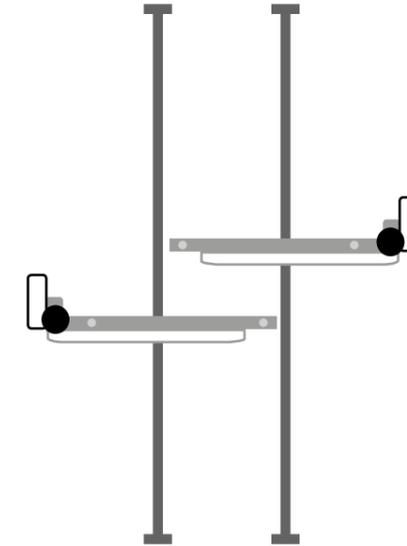


**MULTISYSTEM FOR LARGE VOLUMES**  
 For high capacity and high speed requirements, it is possible to combine two or more machines in order to share the automatic loader and optimize product distribution.

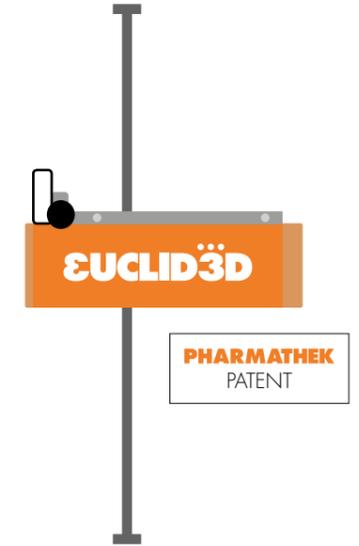
DATA SHEETS  
**CONFIGURATIONS**



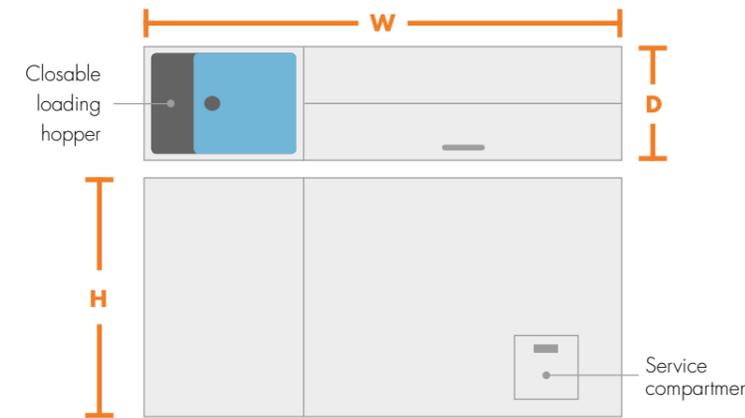
**SINGLE MANIPULATOR**  
 This is a streamlined, extremely fast mechanical gripper that, by rotating on itself, is able to pick up the packs from both sides. It operates in multipicking mode and it optimizes storage through laser scanning and compacting.



**DOUBLE MANIPULATOR**  
 It increases performances during loading and unloading phases. It is recommended in special cases, such as large-scale robots. Its main features include speed, simultaneous loading and unloading.



**EUCLID3D**  
 Euclid3D is an innovative gripper with a temporary storage system for packages. The gripper is able to deliver orders and prescriptions consisting of multiple products in a single solution, optimizing delivery to different counters and reducing management costs.



**H** 3ft 3,37in  
**D** 2ft 1,59in  
**W** 8ft 10,30in  
**PHARMATHEK PATENT**

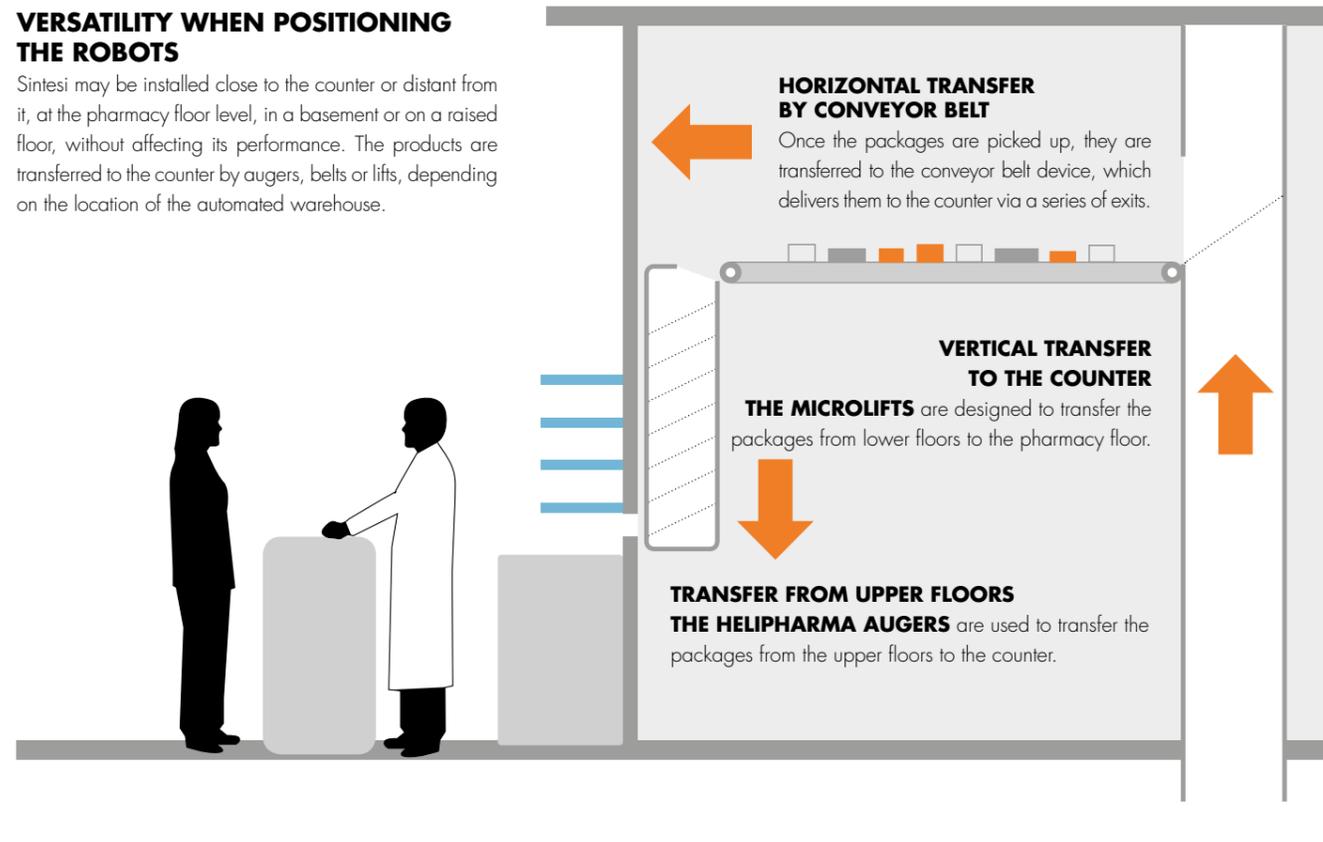
**PHARMALOAD AUTOMATIC LOADER**  
 The automatic loading process begins by emptying the contents of the delivery crates into the closable loading hopper. The system then automatically sorts the packages, **reads the expiry dates**, places the products on the shelves and checks the delivery note.



**VARIABLE LENGTH LOADING BELT**  
 The variable length of the loading belt can be used to load larger quantities of products and ensures that the assisted loading activity is not interrupted even when the robot is delivering products to the counter.

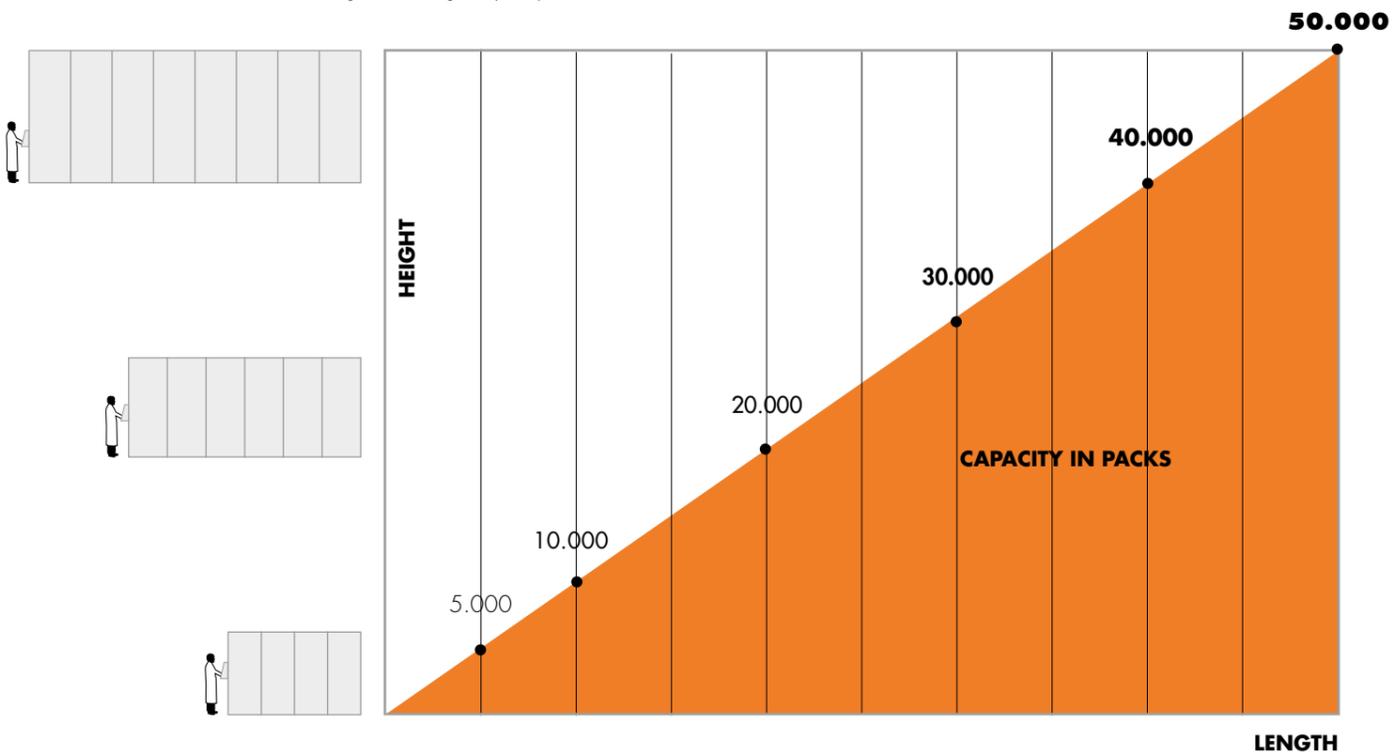
**VERSATILITY WHEN POSITIONING THE ROBOTS**

Sintesi may be installed close to the counter or distant from it, at the pharmacy floor level, in a basement or on a raised floor, without affecting its performance. The products are transferred to the counter by augers, belts or lifts, depending on the location of the automated warehouse.



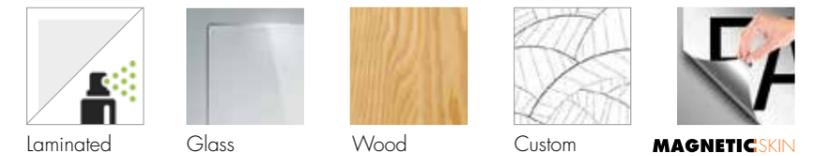
**CAPACITY FOR SPECIFIC NEEDS**

Different dimensions of the robot change the storage capacity.



**FIXTURES AND FITTINGS**

Customizable exterior finishings with a wide choice of materials, including wood and metal panels, stained glass windows or visual patterns.



**LIGHTING**

Thanks to the Pharmathek LIGHTYOU diversified lighting kit, it is possible to modify the internal robot lighting (RGB) at any time.



**COLOUR SCHEMES**

The outer covers of the SINTESI robot can be customized by selecting from the available colour schemes.



**MARKETING MATERIAL**

Sintesi robot is available with a variety of communication options, designed to emphasize its presence within the pharmacy.



**DR. DARIO VILLA, PHARMACY MANZONI, MILAN (ITALY)**

"The small size, and ability to handle our workload were the principal factors affecting our choice of an automated warehouse. The Pharmathek robot seemed to us to be the solution that best suited our needs. Since its installation, it has radically improved the way we work in the pharmacy."

**DR. VALERIE TISSOT, PHARMACY DU GRAND SACONNEX, GENEVA (SWITZERLAND)**

"The evolution of the pharmacy world prompted us to search for innovative solutions capable of optimizing display space, enhancing the value of certain merchandise and increasing profitability. The introduction of the Pharmathek robot has allowed us to move to the forefront, gaining time to devote to the relationship with the patient and recover profit margins."

**DR. ALESSIO BONANNO,  
PHARMACY BONANNO, TURIN (ITALY)**

"We chose the Pharmathek robot because, among all the options we looked at the time, and after discussing it with the consultant, it was the most convincing solution. Since we installed the automatic warehouse the way we work has definitely changed, allowing us to serve our customers in a calmer, more serene manner."

**DR. LUCA BATAZZI,  
PHARMACY DOSSON,  
DOSSON DI CASIER (ITALY)**

"The Pharmathek robot has significantly improved the way we work in the pharmacy. Thanks to the automation we now know for sure whether a product is in stock or not. Stock rotation has improved, loading times have been reduced and now we have more time to dedicate to our customers."

**DR. DOMINIQUE BADOE, PHARMACY BADOE, SAINT NICOLAS DE PORT (FRANCE)**

"Thanks to the Pharmathek robot, our pharmacy looks more modern and it stands out from the other pharmacies in the area that are not automated. In addition to this, automation frees us from a range of manual tasks, allowing us to act as consultants and to dedicate more time and attention to our customers. We are really happy with our choice."

**DR. GABRIELLA GUGLIELMO, PHARMACY MADONNA DEL PILONE, TURIN (ITALY)**

"We decided to install the automated warehouse thanks to a lengthy collaboration with Th.Kohl (Pharmathek's sister company, leader in interior design for pharmacies) that has already managed the various renovations of our pharmacy over the years. The robot seemed like the ideal way to evolve, and results were not slow in coming: work has definitely improved in many respects."

**DR. MARIANO SAMARANCH MIRANDA, PHARMACY MARIANO SAMARANCH MIRANDA, BARCELONA (SPAIN)**

"The choice of Pharmathek automation was a matter of trust. The first impression of reliability that the brand transmits was confirmed by the relationship with the consultant. In addition, we liked the product instantly from a functional and aesthetic point of view."

**DR. DARIO MUSCOLINO, PHARMACY MUSCOLINO, SORIANO NEL CIMINO (ITALY)**

"We were looking for an automated warehouse that offered excellent performance. Today, thanks to the Pharmathek robot, the relationship with the patient has become more direct, complete and consultative, because we are now able to dedicate our full attention to serving our customers."

**DR. PAOLA NOCENTI, PHARMACY COMUNALE FERRARA NO.6, FERRARA (ITALY)**

"Value for money and functionality were the factors that made us choose the Pharmathek robot. A choice that enables us to work more serenely on an everyday basis, thanks to the reduction in the margin of error due to the human factor."

**DR. THIERRY BESQUEUT, PHARMACY BESQUEUT, TOULON (FRANCE)**

"Our robot is so easy to use that we renamed it "Et Voilà ". It saves us valuable time that we used to need to sort and store medicines. This enables us to dedicate all the time and attention necessary to our customers to ensure that they get the best possible treatment."

**DR. GINO ROMOR, PHARMACY ESCULAPIO, SALICE (ITALY)**

"The Pharmathek robot was a pleasant discovery. It was suggested to us within the context of a large-scale redevelopment of our pharmacy, and we decided to follow the consultant's advice and adopt the system. The automated warehouse has increased the space available for our customers, product displays and consulting service, while also increasing profitability. It was a great leap forward."

**DR. MICHAELA LICKLEDER, PHARMACY SCHLOSS- APOTHEKE ROTH, ROTH (GERMANY)**

"The quality of the structure, clean and solid, and good value for money have led me to choose Pharmathek and I was not disappointed: delivery and assembly operations from Italy were perfect, fast and clean. The new automated "employee", named Luigi, is very reliable, requires little maintenance and is here to stay. Of course one of the strengths of the company is good service - and here Pharmathek really sets the standard."

# PHARMATHEK

AUTOMATION TECHNOLOGIES

Pharmathek srl  
43, Via E. Fermi - 37136 Verona  
Toll free: 800.30.37.37  
Tel. +39 045 950301  
Fax +39 045 952101  
info@pharmathek.com  
www.pharmathek.com