

# WEARABLE X

space in a **new** dimension

Pharmacy 2.0

space  
dimension



# FABLOX

Performance. Security. Space.



01

# COMPACT SIZE FOR SMALL SPACES

A revolutionary response to the needs of pharmacists.

Our automated pharmacy system was designed in order to make it available for every pharmacy, including the ones that do not have a lot of space available. The possibility of placement right behind the pharmacy staff makes it the right machine even in challenging spatial conditions.

This eliminates the need for extensive back-up facilities and enables the storage system to be set up in very small spaces. The modular structure of the FABLOX machine allows it to be adapted to the size and shape of the room. The maximum size of the complete warehouse is 560 x 85 x 330 cm - with these dimensions, the machine can work in almost every pharmacy.

Total minimum size: 335 x 75 x 230 cm

# 02

We've increased safety of the automated warehouse systems.

Unlike other solutions available on the market, with FABLOX it is not required for the medicine to be scanned before it is placed in internal storage - the potential human error in which the pharmacist scanned one box and placed another inside the loading system has been eliminated.

It is a standard solution in every FABLOX device, thanks to which we increase safety and eliminate the problem of a potential error when dispensing the medicine. The verification does not end with loading - if the system detects a package of a different size than its manufacturer's specifications when picking it from the internal storage, the box will be sent for a second verification.

Built-in system for QR codes



Total elimination of human error

During loading, each package is checked with an internal scanning system, which will enable checking the type of medicine, its expiry date, serial number and individual package number already at the loading stage. FABLOX is currently the only solution on the market with an internally built-in system that can read EAN and Data-matrix codes on medicine inside the loading/unloading head.

TWO-STEP  
VERIFICATION  
OF THE STORAGE  
CONTENTS.

Two-step verification of the storage contents

# 03

A robotic arm you can go hand in hand with.

In order to facilitate work in a modern pharmacy, our engineers designed a solid, durable, and sustainable machine, ready to work in a broad spectrum of environments. The advanced safety systems of the machine protect the pharmacist from any problems related to using the automated pharmacy system. The sub-components used in Fablox systems undergo strict quality procedures and are guaranteed to last long. And in an unlikely case of malfunction, our service team can remotely connect and diagnose what's wrong. Some of the repairs can be done remotely.



Save time and money in your pharmacy.

Reduce the time of goods reception and loading - it's almost twenty times faster in comparison to traditional method. FABLOX generates inventory continuously, eliminating the need to carry out a long-term task of stocktaking. The list of medicinal products available inside the storage system is available immediately, which allows for the ongoing replenishment on-the-go.

WE FOCUS  
DURABILITY  
RELIABILITY  
ALL CONDITIONS

One central computer can be connected up to 5 modules

The machine consumes only 300 Wh - high energy efficiency

04



support for digital prescriptions available

online orders handling

dispensing of medicine in accordance with their release date and serial numbers

online service

once-a-year inspection interval

2 years warranty

modular construction

complete handling of serialization

24/7 stocktaking

automatic loading

package dispensed within 6-8 seconds

total elimination of human error

pharmaceuticals can be dispensed even in case of breakdown

# 05

The FABLOX robotic pharmacy storage system will allow you to run a more client-friendly and safer pharmacy through:

- two-step verification of the storage contents;
- elimination of human error;
- economical use of the available space.

We managed to create a device that introduces an additional layer of safety over pharmacy customers, as well as increases both comfort and efficiency of its staff. Thanks to its compact design, the pharmacies that were excluded from advanced automation due to limited space can easily modernize their sales and adapt to the changing market.

Maximum weight of medicine package is 800 grams

## Technical data

PARAMETERS	Fablobox 20
Height	230 / 280 / 305 / 330 cm
Depth	75 or 85 cm
Width	235 cm - 555 cm
Warehouse module width	75 cm
Capacity of one storage module	1000 - 2000 pcs.
Max. number of modules in an installation	6 modules
Package size	120x180x80 mm
Average package delivery time	3 - 8 sec
Standby power consumption	25W
Peak power consumption	300W
Control system	Omron
Security system	Omron

  

FUNCTION	Fablobox 20
Automatic loading	YES
Series verification	YES
Unloading acc. series	YES
Unloading acc. expiration dates	YES
Verification of deliveries via invoices	YES
1D and 2D code compatibility	YES
UPS backup system	YES
Can be operated with power off	YES
Remote service	YES
Temperature monitoring system	YES
Software updates	YES
Security system	YES
Remote diagnostics and service	YES
Remote software upgrade	YES
Monitoring system	YES

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## Technical data

PARAMETERS	Fablox 20	PARAMETERS	Fablox 20
Height	230 / 260 / 305 / 330 cm	Process video recording	YES
Depth	75 or 86 cm	Belt Conveyors Integration	YES
Width	335- 560 cm	Industrial Computer	OMRON
Length of storage module	75 cm	Operating System	Win10 Professional
Length of loading module	56 cm	Horizontal Motion Technology	OMRON Servo drive
Length of control module	56 cm	Vertical Motion Technology	OMRON Servo drive
Shelf depth	181 mm	Positioning Method	Encoders
Maximal capacity	700 - 2500 pcs / 1 module	Manufacturer Remote Support (24/7)	YES
Minimal Pack Size WHHL	35/35/60 mm	Spare Parts in Poland	YES
Maximal Pack Size WHHL	115/15/60 mm	On Site Technical / Repair Service	YES
Maximal Pack Weight	800g	Warranty and support	21/36/48 months
Unloading manipulators	YES	Mechanical Structure Strength	Minimal 10 years
Automated Loading Module	YES   250 pcs/h	Power Consumption (work)	300 W
Automated Delivery	YES   200 - 600 pcs/h	Power Consumption (stand by)	25 W
Dispensing pocket	one for each sale post	Power backed by UPS	YES
Barcode Reading capability	D/DQR	Robot Cleaning Capability / Dust protections	YES   filters - UVC
Automated Expiry Date Reading	YES	Robot Calibration	Optical gates + lasers
Expiry Date Management	YES	Temperature maintenance	YES
Integration capability with pharmacy information system	YES	Humidity maintenance	YES
Software Integration	YES	Temperature and humidity monitoring	YES   inside and outside
Batch Management	YES		

Maximum weight of medicine package is 800 grams



# 06

## Design your own Fablox machine

Customizing FABLOX robots is not just a matter of choosing the machine size. The available configurations are virtually endless. Starting from the selection of the size of the shelves according to the pharmacy's needs, through the colour and external appearance, to the design of the system transporting drugs from the warehouse to the sales room - you can design your own Fablox machine.

In cooperation with our graphic designers, you can design the external appearance of the device.

Even the surface of the glass can be printed on in any way, and the casing colour selected from the RAL palette.



The machine keeps a stable temperature inside the storage space

## Financing

We help in obtaining favorable financing for the purchase of a FABLOX robot under operating or financial lease agreements and investment loans in a leading leasing company.

We propose to use financing in the form of:

1. Operating lease
  - financing period of 24 - 84 months
  - own share from 0%
  - VAT repaid in each installmentsssss
2. Financial leasing
  - financing period of 12 - 84 months
  - own share from 0%
  - VAT payable at the beginning of the contract
3. Loans
  - from financing EU projects
  - financing period of 12 - 84 months
  - own share from 0%
  - VAT payable at the beginning of the contract

If you are interested in purchasing a device, our representative will discuss the most attractive proposals with you.

FABLOX. The robot within your reach

# 07

Who are we?

We are a Polish manufacturer with entirely Polish capital. We have been operating on the market for over 30 years, providing proven technological solutions for production and industry. A professional team of designers, engineers and automation specialists creates reliable and functional devices. Production in two halls is based on the most modern CNC plotters and milling machines. We export industrial equipment to 60 countries.

When experience goes hand in hand with precision



# 08

## 1) What if there's a power failure?

In the event of a power failure, the device UPS emergency power supply will start working, which will allow for safe termination of all ongoing processes. The device has been designed so that in the event of a complete power cut, the operator can open the door and manually take the necessary packaging. After the power is back on, the robot will take the inventory itself.

## 2) How many people can use the FABLOX robot at the same time?

Thanks to the independent loading and unloading system, the robot can be simultaneously operated by 3-6 operators. Five of them can use the system for selling and unloading processes, and one handles the loading of the robot.

## 3) Does the installation of the FABLOX robot involve the reconstruction or remodelling of the pharmacy?

No. The modular design and its dimensions allow the machine to be brought through a standard door. To operate the machine, you only need a power supply and access to the network to synchronize the computer with the robot.

Fablox robot depth starts at 75 cm

## 4) Is the robot economical?

Yes. The robot system goes into automatic standby mode when no new commands are given. Return to the operating mode is immediate.

## 5) Will my staff be able to handle the robot?

Yes. The operation of the robot is very simple and intuitive. Of course, only authorized persons can work on the machine, so when purchasing the machine, we conduct training at our company's headquarters, and after installation in a pharmacy, we also organize a reminder training with the staff.

## 6) Are medications stored safely?

Yes. An extensive security system watches over the safety of both drugs and employees. The system, to which only authorized employees can log in, protects against unauthorized access to the robot. In addition, the robot has a set of cameras and a perimeter safety system that blocks work in the event of an emergency.

## 7) Will I connect the FABLOX robot to my software?

The robot's software works as a plug-in: we can connect it to any pharmacy software.

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