

# CONSIS.C

The new Consis C.  
A state-of-the-art pharmacy robot with head-turning looks.



Willach | Pharmacy Solutions



## Stunning design, great usability.

The new **Consis C** pharmacy robot meets the most stringent requirements for functionality, looks and usability.

The sleek, modern lines of the **Consis C** show that even the smallest of details have been thought of. There are no visible screw heads or key holes to detract from its appearance.

## **Compact storage system to make the most of the available space.**

The sophisticated construction of the **Consis C** makes optimum use of the available space. This means that there is still ample room to move within the interior aisle despite the robot's compact external dimensions.

The glass shelves are 1000 mm wide, allowing more packages to be stored next to each other without wasting space. Moreover, 500 mm deep shelves are installed along at least one side of the pharmacy robot meaning that a greater number of packages can be stocked in each row. The robot's storage capacity can be flexibly adapted to items of different sizes by adding or removing glass shelves according to the needs of the pharmacy.

Though the glass shelves offer an impressive amount of surface area, the glass only needs to be 4 mm thick thanks to the innovative design of the shelf brackets. This minimises the loss of vertical storage capacity, therefore also reducing the load on the building floor and requirements for structural engineering.



## Form and function in perfect harmony.

The robot features a touchscreen that is used to control all of its functions. The position of the control buttons and input screens can be individually adjusted to the height of each user.

The feeder belt has two lanes, which allow different items to be fed into the robot at the same time. This speeds up the stocking process and doubles the feeding buffer.

Items can be dispensed to up to twelve delivery points. Via the dispensing flap in the robot door they are dispensed either individually or collected in a box.



Password protection and a fingerprint reader grant simple yet secure access to the control buttons, input screens and the interior of the robot itself.



## Intuitive user experience with large touchscreen.

All of the robot's functions can be controlled from the distinctive touchscreen, which is flush-mounted in the door. Its tablet-like operation and response make it intuitive to use.

The portrait format of the touchscreen means that the control buttons and input screens can be displayed at an ergonomic height for each user, who signs in using a password or the fingerprint reader.

The screen displays comprehensive information about the stocking and dispensing process, as well as live images from the inside of the robot and the camera mounted on the gripper.

# Advanced gripper



## Advanced gripper.

Sturdy, directly driven high-precision gripper fingers can access glass shelves up to approx. 500 mm deep

Camera for remote support and transmission of live images to the touchscreen

Integrated spotlights ensure a perfectly lit, top-quality image

Pusher

Four laser sensors for optimum control and measurement in all stocking and dispensing situations

1 2 3 4

One of the most compact grippers on the market ensures excellent use of storage capacity from the floor to the ceiling.



# Stocking



Automatic Input  
47

CONSIS.C



www.weltooth.com



## Fast stocking.

Stock packages and bottles quickly and easily.

Simply scan the items, place them on the feeder belt and the robot does the rest. The average time to stock each item is just 2.5 seconds.

The **Consis C** features a dual feed so you can place two items next to each other on the belt, even if they have different packaging.

This allows you to feed the robot with twice the number of items at once, saving up to 20% of your valuable time.

The dual-lane feeder belt also means that there are fewer interruptions while stocking since double the volume of items can be added to the feeder buffer each time.





All of the items can be dispensed directly from the feeder belt and are thus immediately available.



The gripper is designed to handle multiple items with similar measurements at the same time.



When items are taken from the feeder belt and placed on the glass shelves, the first item in each row is always put at the front of the shelf. This minimises the time required for stocking, stock movement and dispensing as well as reducing energy consumption and wear and tear.

# Dispensing



## Robot door with integrated dispensing flap.

Both the panel below the touchscreen and the dispensing flap are covered with white back-painted glass which has excellent sliding properties. The flap opens inwards and allows the packages and bottles to slide smoothly out of the robot.

The height of the tray beneath the dispensing flap can be adjusted so that the dispensed items fall directly onto the tray itself or into a box placed on the tray to collect them. If the robot door needs to be opened, the box does not have to be removed. It can simply remain in place on the tray when the door swings open. The guiding track of the height-adjustable tray fits discretely into the narrow gap between the glass panel and the door frame.





## Freely positionable dispensing points.

The robot supports multiple dispensing points. Their position can be adapted according to the specifications of the installation. In combination with chutes, conveyor belts, diverters and elevators there are practically unlimited options for distribution of items to up to twelve delivery points.

It takes approximately ten seconds\* for a single item to be dispensed from the system. For the fastest delivery times, the robot should be located directly behind the OTC shelves.

\*The time between submission of the electronic request and delivery of an item to the requesting delivery point may be significantly longer, e.g. when multiple items have been requested at the same time, when it is necessary to remove and replace packages or bottles in order to access the requested item or when external conveying systems are used (e.g. conveyor belts); recommended guideline for planning: approx. 240 deliveries/hour.



## State-of-the-art technology for utmost security.

The **Consis C** uses state-of-the-art technology in all areas of operation, from the user and control software to its mechanical and electronic components.

Central to this technology are the numerous sensors. They ensure that

- the robot can intelligently evaluate the situation and status of each operation and, where possible, find its own solutions for special cases,
- qualified remote-support technicians can determine and understand all situations and statuses,
- every robot movement can be controlled remotely, like a drone, and sensor measurements can be observed and evaluated in real time.

Two redundant computer systems and an uninterruptible power supply (UPS) that protects against data loss in the event of a power outage are included as standard.

## Technical specifications.



Width: 1,435 mm



Width: 1,630 mm



Width: 1,930 mm

Height: 2,100 – 2,900 mm, length: 3,500 – 12,000 mm  
Mirror-image design also possible (i.e. feeder belt on left).

### Permitted stock items

Minimum dimensions (mm)  
Maximum dimensions (mm)  
Weight (g)

Rectangular packages

15 x 15 x 35  
145 x 140 x 230  
5 – 1,000

Cylindrical bottles\*

Ø 45 x 15  
Ø 140 x 145  
5 – 1,000

\*Additional restrictions possible; e.g. bottles with package leaflets attached to the side and overhanging tabs on bottle tops are not permissible.

# Willach Pharmacy Solutions.

## The right prescription for every pharmacy.

Willach is one of the world's leading companies for medicine storage and dispensing equipment. With FAMA and CONSIS, Willach can provide whole system solutions for the conventional and fully automated storage and dispensing of medicine packages, for any type of pharmacy, for any size of pharmacy.



### **CON**SIS robotic systems

CONSIS robots offer a tailor-made and highly efficient automation concept for your pharmacy. Whether you want to save time or gain space, CONSIS has the right solution for every situation.

### **FAMA** drawer systems

FAMA drawers provide fast access to packages, with good visibility, excellent space utilisation and ergonomically perfect operation. No other system offers you drawers that can store more packages within the same space.

### **FAMA** shelving systems

FAMA shelves were developed as a modular system to achieve the greatest possible flexibility. They can be adapted precisely to your individual requirements, storing the items in trays, drawers or on flat shelves. Worktops can be integrated as well.



#### UK Sales Office:

Willach Pharmacy Solutions  
Birmingham Business Park  
1310 Solihull Parkway  
Birmingham B37 7YB  
United Kingdom  
Phone +44 (0) 1216 355 025  
info.uk@willach.com  
www.willach.com

#### German Head Office:

Gebr. Willach GmbH  
Stein 2  
53809 Ruppichteroth  
Germany  
Phone +49 (0) 2295 9208 0  
Fax +49 (0) 2295 9208 499  
info@willach.com  
www.willach.com

WillachGroup  
since 1889

