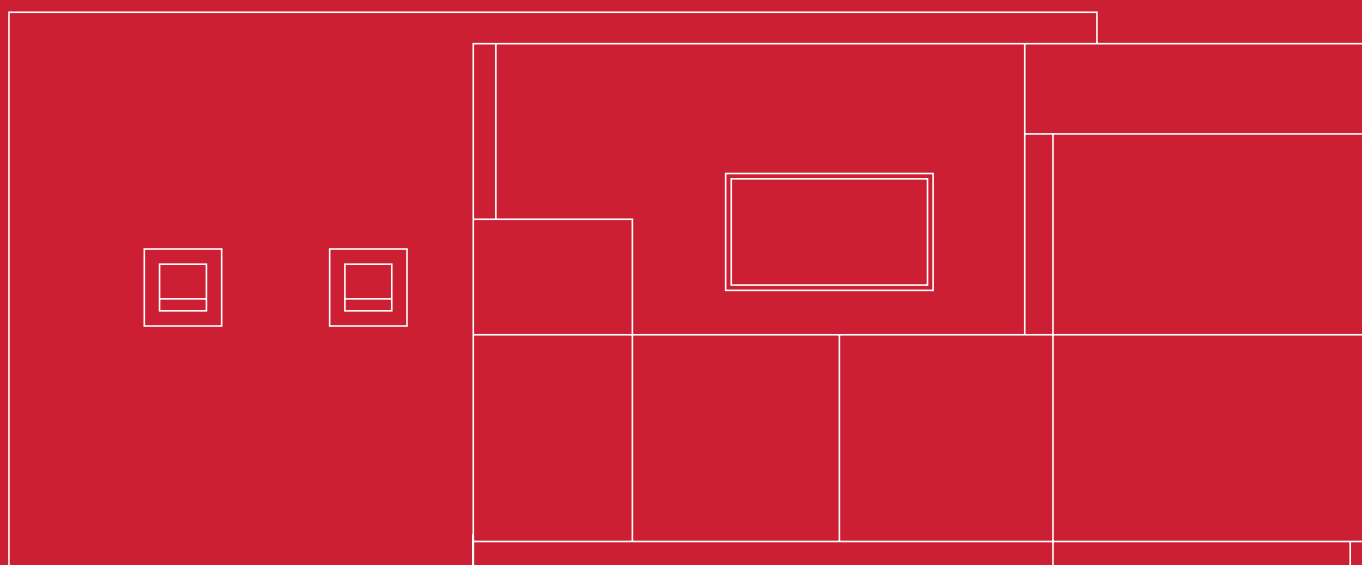


A2000 A3000

The complete solution by Apostore with
extreme performance and safety reserves.



APOSTORE

A2000 / 3000

Rapid product availability is essential for large pharmacies, during busy periods and at multiple checkout counters.

The A2000 / 3000 is the complete solution for your pharmacy with excellent performance and high safety reserves. Its independently operating gripper arms enable efficient storage and dispensing processes within the robot.

High-speed input and retrieval and no space is left unused in your pharmacy.

CAPACITY

Up to 80,000 packages

SECURITY

Thanks to double data backup, remote monitoring, remote maintenance and emergency operation

PERFORMANT

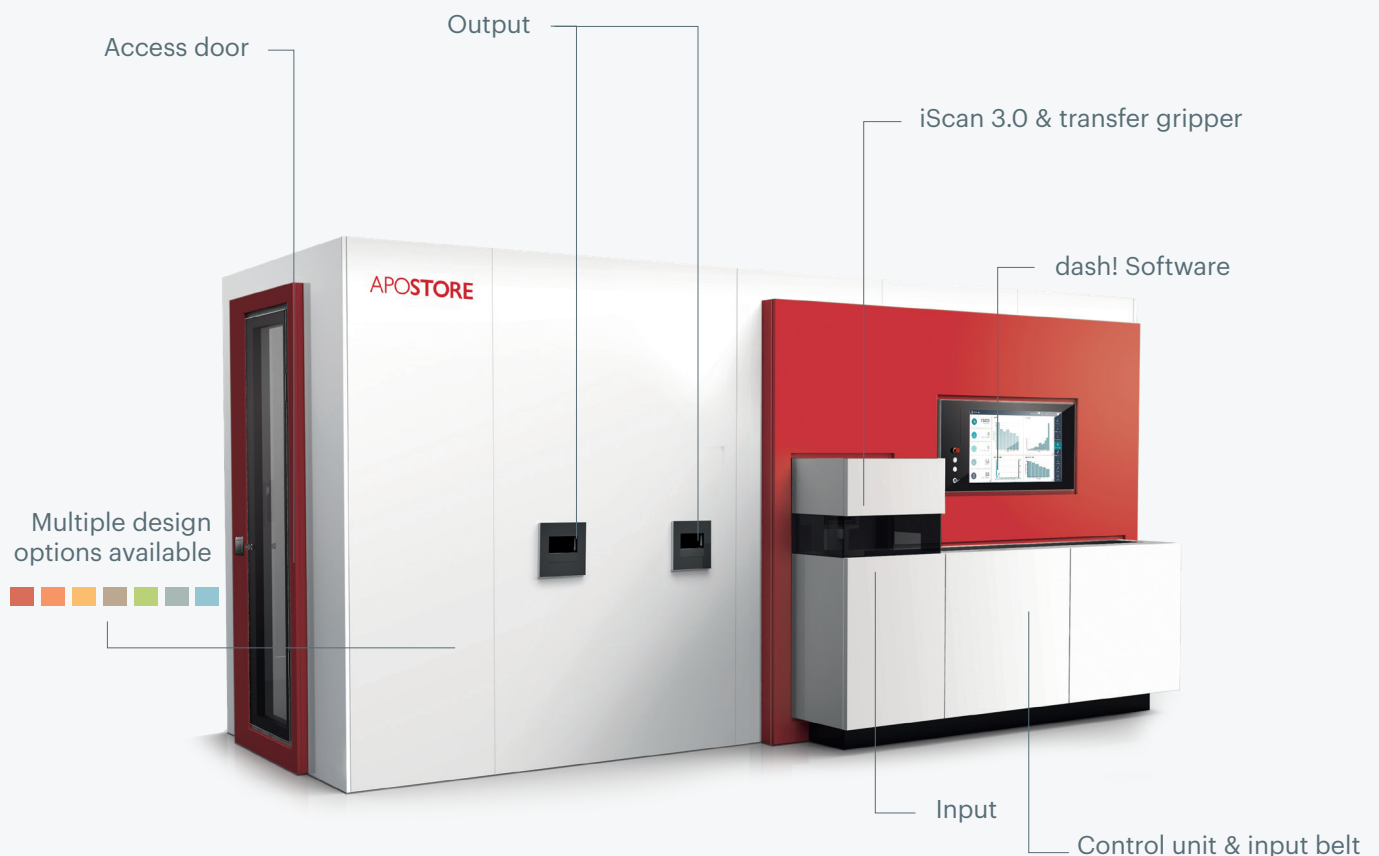
Maximum support at peak times and a capacity of up to 80,000 items allow you to input your prescribed drugs and free choice products / cosmetics assortment almost completely. With semi-automatic input, the packs are scanned and placed on the conveyor belt - that's it. The transfer gripper aligns the packages, measures and photographs them, and pulls them into the machine - all in one go and at a rate of 550 packs an hour.

DURABLE

Our 400 V system technology increases the service life of the electrical components and makes it possible to count on more powerful energy reserves during peaks. A second gripper can be upgraded in the existing system without taking up any space.

SECURE

Error-free and absolutely safe storage thanks to automatic verification of each pack. The automatic and autonomously working tray input buffer and the two-gripper system enables parallel input and dispensing.





- + Parallel input and dispensing: the processes are independent of each other
- + You decide which type of input to opt for: semi-automatic or fully automatic
- + Round, bundled or large packages up to 1.2 kg total weight
- + Increased service life thanks to resource-conserving 400 V system technology
- + A continuous and precise solution: for real-time inventory management
- + First expired, first out - FEFO: following this principle, the package with the nearest expiration date is automatically dispensed first

STANDARD CONFIGURATION

Energy manager technology
 Combipick
 Multipick
 Verifier/ VidCap
 Storage location printer
 Two-gripper system
 Video system/Camera

ADD-ONS

ApoClean
 iScan 3.0
 Feeder OCR
 Automatic Label Printer
 Internal fridge

A2000 / 3000



Individual analysis & customization

Using your available space to its full potential is our goal. This is why the storage arrangement, number and location of outputs and service access can be freely planned.



dash! software

dash! presents the most important data and statistics at a glance. The A2000 / 3000 can be conveniently controlled via the user interface and all necessary information is available to your team at any time.



Combipick & Multipick

Thanks to the integrated order optimisation for multiple orders, you can serve a large number of customers quickly and efficiently. *Combipick*: reduces dispensing times by combining several orders. *Multipick*: sorted dispensing of several items in one movement.



Functional reliability & support

Benefit from guaranteed spare parts supply for 15 years, on-demand video surveillance, maintenance even outside of business hours and a 24/7 hotline.



Tray input buffer

Large buffer tray technology provides space for up to 180 packages. The filling of the machine with a high number of packages runs continuously despite simultaneous dispensing.



Colour & design options

More than 500 colour/design variants, the customisable design wishes are (virtually) limitless.

ADD-ONS

ApoClean

The handling of cardboard packaging inevitably generates paper dust. The individual shelves must be emptied and cleaned. ApoClean does all the work for you!w

iScan 3.0 or Feeder OCR

iScan 3.0: Apostore's OCR system can read pharmaceutical central numbers, data matrix codes, QR codes and printed expiration dates.

Feeder OCR: The A2000 / 3000 can be upgraded with the Feeder for automatic and accelerated input. Use it to store up to 200 packages an hour in only two steps. Your team just needs to unload the crates from the wholesaler and type in the delivery note number. Compared to other systems, the Feeder is a space-saving solution and can also read pharmaceutical central numbers, data matrix codes, QR codes and printed expiration dates.

Digital solutions

Setting the scene perfectly for services and campaigns. Use our extra Apostore products to create the perfect setting for the customer experience in the pharmacy.

Our service



For us, service means more than just customer satisfaction. We are committed to a long-term partnership with you that begins before your machine is delivered. Here are the services we offer you:

- + 24h hotline
- + On site service
- + Training of your (pharmacy staff) team by customer care consultant
- + Consulting & support for optimizing processes related to the A2000 / A3000

		A2000	A3000
Width		1.75 m (incl. input system 2.26 m)	1.75 m (incl. input system 2.26 m)
Length		4.39 m – 12.39 m (50 cm steps + 39 cm)	4.39 m – 12.39 m (50 cm steps + 39 cm)
		13.12 m – 20.62 m (50 cm steps + 62 cm)	13.12 m – 20.62 m (50 cm steps + 62 cm)
Height		2.00 m – 3.60 m (10 cm steps)	2.00 m – 3.60 m (10 cm steps)
Shelf depth		40 cm	40 cm
Possible locations		Ground floor, basement, second floor	Ground floor, basement, second floor
Capacity		up to 80,000 packages	up to 80,000 packages
Input		long side	long side
Input performance continuous operation* (standard; with iScan 2.0)		Ø 350 packages / h	Ø 550 packages / h
Input performance continuous operation* with iScan 3.0 add-on		Ø 300 packages / h	Ø 500 packages / h
Input performance continuous operation* with Feeder add-on		Ø 200 packages / h (100 % 2D) Ø 150 packages / h (OCR)	Ø 200 packages / h (100 % 2D) Ø 150 packages / h (OCR)
Dispensing time		Ø between 8 and 12 sec. Ø 300 packages / h	Ø between 6 and 8 sec. Ø 500 packages / h
Compatible packages	Cubic: min. package dimensions max. package dimensions	Yes 15 x 15 x 35 mm (WxHxL) 140 x 120 x 240 mm (WxHxL)	Yes 15 x 15 x 35 mm (WxHxL) 140 x 120 x 240 mm (WxHxL)
	Cylindrical: min. package dimensions max. package dimensions	Yes 15 x 35 mm (HxØ) 120 x 140 mm (HxØ)	Yes 15 x 35 mm (HxØ) 120 x 140 mm (HxØ)
	Weight	5 – 1200 g	5 – 1200 g
Barcodes	Detection and processing of Code 39 (PZN), EAN-13, Code 128, 2/5 Interleaved, UPC-A, EAN-8 2D Codes (DataMatrix)	Yes	Yes
Power requirements		400 volt	400 volt
Energy consumption	In operation	approx. 340 watt	approx. 460 watt
	In stand-by	less than 70 watt	less than 70 watt
Security	Uninterruptible Power Supply (for approx. 30 min. emergency operation of the PC in case of power failure)	Yes	Yes
	Backup computer	Yes	Yes
	add. data backup to ext. hard drive	Yes	Yes
	Remote monitoring	Yes	Yes
Standard equipment	Greenline technology / Energy manager	Yes	Yes
	Combipick	Yes	Yes
	Multipick	Yes	Yes
	Verifier / VidCap	Yes	Yes
	Storage location printer	Yes	Yes
	Second gripper	Optional	Yes
	Video system / camera	Yes	Yes
Add-ons	ApoClean	Optional	Optional
	iScan 3.0	Optional	Optional
	Feeder OCR	Optional	Optional
	Automatic Label Printer	Optional	Optional
	Internal fridge	Optional	Optional
Colours	Multiple design options available	Yes	Yes
Conveyor Technology	Customized based on project planning (conveyor belts, lifts, slides, connectivity to 3rd supplier pneumatic posts etc.)	Yes	Yes

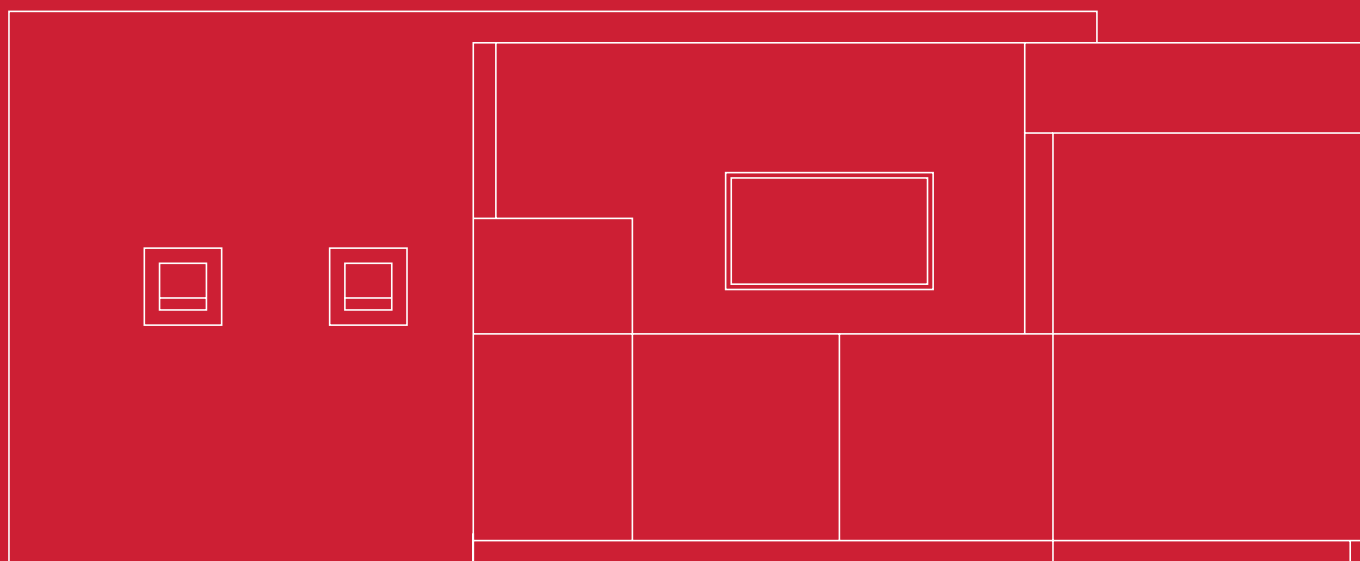
* Continuous operation refers to the process where the inner gripper takes the package from the shelves/belt and places it in the shelf space.

HEADQUARTER GERMANY

KNAPP Smart Solutions GmbH
Uferstrasse 10
45881 Gelsenkirchen
Germany

Tel. +49 209 94 117 – 0
Fax +49 209 94 117 – 17

info@apostore.com
www.apostore.com/en



KNAPP Smart Solutions always strives for the greatest possible accuracy in the calculation of technical data. As a rule, our data are calculated average values, which should not be understood as guaranteed product characteristics.

The use of KNAPP Smart Solutions products and solutions is subject to the legal and technical requirements of each country.