



A2000

The automated picking system with the great upgrade potential.

- + future proof due to upgradeability
- + grows with your growing business
- + 2nd gripper arm can be integrated later
- + many optional features for your pharmacy
- + helps you build up new areas of business



Why is the A2000 the only automated picking systems that can keep up with your growing tasks?

"For me, the A2000 is the ideal investment in the future. Today, it is already clear that we can only increase turnover with new business. The share of deliveries we make to nursing homes is increasing. If we did not have the automated system we would not be able to cope with the work in our back-office and at the counter. If we can win more homes, then I will invest in a second gripper arm."

Flexible input belt

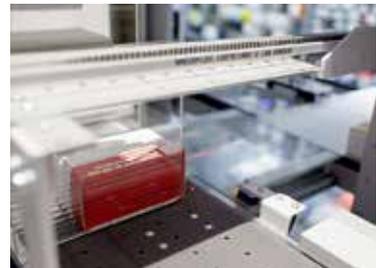
The input belt, which can be lengthened several meters, makes sure the input can be made without loss of time. Just place all packages on the belt after scanning – done! The packages do not have to be aligned, and neither doors nor shelves have to be opened. Everything is done quickly and comfortably. An integrated optical warning and the VidCap function shows operating errors and prevents wrong storage – even in extremely busy hours.



Innovative comfort input

Apostore's comfort input system makes sure the storage process takes place quickly and without any interruptions. Storage processes are only efficient and save time if they occur continuously. When storing, the packages are scanned and placed on the conveyor belt – that's it! The patented* transfer gripper at the end of the belt aligns, measures, photographs the packages and places them in a double row into the system – all in one go! If so required, you can also integrate the fully automatic scanning (iScan) feature into this process.

*Patent number: DE 10 2004013353



Practical buffer shelves

Is it possible to continuously store packages when the gripper is busy dispensing others? It is, with the buffer shelves in the A2000 system. Regardless of the utilization of your automated system, the transfer gripper moves the packages from the belt and on to the buffer. From there, the gripper can pick 2 packages at the same time and take them to their storage location. The items are available for sale immediately. The delivery note can then be finished and the process is completed. Your staff is now free to take care of other tasks.



Highest degree of automation

One stock – one process. Apostore robots can handle more items than traditional pharmacy robots. Its gripper technology, which is proven since the year 2000, handles larger and heavier packages than other pharmacy robots. Blistered, bundled, rectangular or round packages – it handles them all. The system recognizes orders from the counter at once and the gripper will interrupt the storing in process and dispense your customer's orders immediately. The operator at the belt, however, does not notice anything while this occurs and continues to store items into your system.



Efficient storage technology



Its high performance when retrieving packages is impressive. The right products delivered directly to the counter – with just the push of a button. That saves time and allows you to spend more time with your client. And if performance requirements should grow in the future, then you can upgrade your A2000 system over the weekend and install a second gripper arm to double its performance.

Fast retrieval technology



Innovative Multipick technology

The A 2000's gripper arm can store several packages or a whole shelf channel at the same time and in one go. That makes Apostore's dispensing process particularly fast and effective. You will appreciate this superior gripper technology especially when handling returns.



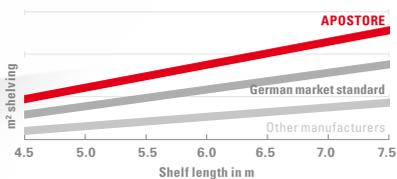
Clever Kombipick

When having to take care of a lot of customers at once, Apostore's Kombipick will combine different orders and process them in one run. That saves time during peak times and enables you to take care of all your customers faster.



Thought-out shelving

Comparison of storage capacity



Enormous storage capacity

The huge storage performance of the A2000 per running meter makes it a real storage wonder. The 40cm deep shelves allow storing more packages than other comparable systems. We will be happy to calculate the individual capacity based on your article spectrum.

Flexible VarioShelving

The size of the packages and even complete product ranges can change during the 20-year life cycle of your automated system. Apostore's VarioShelving system offers you lifetime adjustment opportunities that adapt to the changing sizes of packages. The removable glass shelf boards can be hung elsewhere if later so required thus enabling you to make use of the largest storage capacity your system has to offer.

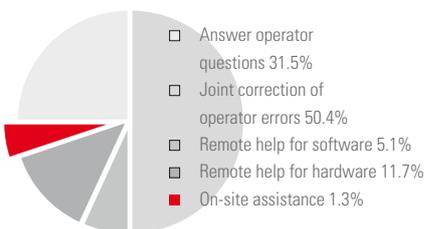


Robust components

Automated systems are built to have a long life expectancy. All components have been chosen because of their robustness and reliability. Only industrial components, which have been proven in the most adverse conditions, are used in our robots. That is what makes an Apostore system so unique.

Secure and reliable

Apostore Hotline



Help around the clock

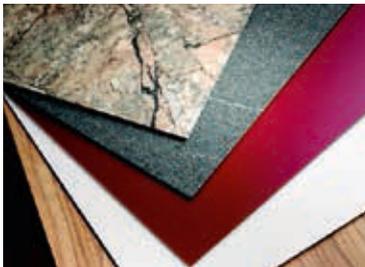
In case of operator problems, our experienced technicians will be happy to help – around the clock and 365 days a year. Furthermore, our Apostore technicians can analyse your robot by remote maintenance from our headquarters and initiate preventive measures. In over 98% of all calls we are able to help on the phone right away. And if a component needs replacement, our on-site service technicians will be with you very quickly.

"With the A2000 I am on the safe side. No matter what the future brings, my automated system can easily be upgraded to future challenges. More customers, more prescriptions, new products, and more deliveries to nursing homes – we are working on it. I will be ready, when the come comes."



High upgradeability

- 2nd gripper arm
- iScan
- handling round packages
- additional buffer trays
- video system
- fully automated input
- ApoClean
- Gripper for packages up to 5kg
- built-in refrigerator
- management of broken packages
- label printer
- adjustable shelves



Colour and decor variations

With over 500 decor variants, your design choices are (almost) limitless. The variety of colours and decors Apostore offers is unsurpassed! Bring a breath of fresh air to your back-office and counter area or underline the expertise of your pharmacy with muted colours or elegant wood decors.



The development of the automated picking system is, to a large extent, also the history of Apostore.

Already in 1986, Apostore developed the first picking robot. Apostore is not only the most experienced manufacturer but was also always able to set new market standards. The new generation of automated systems is even more efficient and fail-safe. They require even less space to store medicines and, thanks to the greenline technology, consume the least amount of power. See the difference!

Contact us. We will be happy to help you.



The Vienna University of Economic Sciences examined for several months the innovation behaviour of some hundred middle-sized enterprises in Germany. The 100 best, among them Apostore, received a quality seal from its mentor, Dr. Lothar Späth.

features	A2000
+ width	1.75 m (storage area 2.26m)
+ max. height	2.00 m–3.60 m
+ max. length	3.39 m–12.39 m
+ length grid	50 cm
+ shelf depth	2 x 40 cm
+ input	side
+ max. packages	up to 39,000
+ max. m ² storage space	483
+ max. package sizes	240 x 140 x 120
+ max. package weight (single package)	1.200 g
+ number of robots	2 (+ 1 upgradeable)
+ Ø dispensing time	8–12 sec.
+ system housing	■
+ decor variations	12–500
+ drywall housing	□
+ expiry date management	■
+ removal of returns according to expiry date	■
+ VidCap	■
+ ready for data matrix code	■
+ iScan	□
+ VarioShelving	■
+ Apoclean	□
+ Multipick	■
+ Kombipick	■
+ handling big packages	■
+ fan-free flash PC	■
+ 2 nd back-up PC	■
+ external back-up hard disk	■
+ location printer	■
+ remote maintenance	■
+ 400 Volt technology	■
+ greenline technology	■
+ label printer	□

