

Store and pick





- 1 Creating change with automation
- 2 Our dispensing robots
- 3 Our add-ons and options
- 4 Software and networking
- 5 Planning for the future
- 6 Your reliable partner
- 7 Service made to measure
- 8 Diverse online training
- 9 We focus on sustainability

A reliable partner whenever automation is needed

Pharmacy



Pharmaceutical distribution



Hospital



Blister center

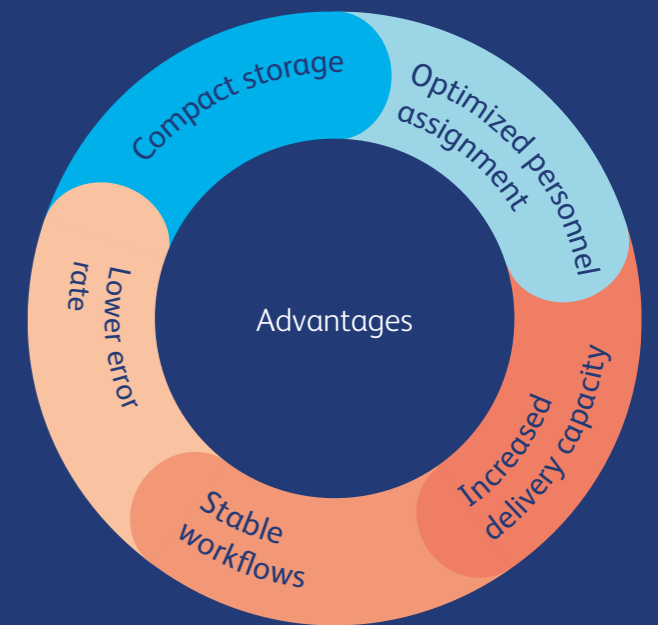


Other industries



1 Creating change with automation

By automating your storage system, you not only increase the profitability of your business – but you and your team gain more freedom in your everyday work.



2 Flexibility makes all the difference – our dispensing robots

The BD Rowa™ Smart and BD Rowa™ Vmax product families simplify your daily workflow. There are different designs and configurations to match the size of your storage system and the complexity of your processes. From a quick start to complex planning.

Advantages of automation with BD Rowa:

Less time for manual stockroom maintenance and picking

Complete prescription and order picking in one work step

Automatic pickup management for orders

Inventory control system through continuous stocktaking

Simple integration into existing infrastructures

Storage variants:




Front storage



Side storage



Over-corner storage

 BD Rowa™ Smart

Automation in series

The **BD Rowa™ Smart** enables a fast entry into automation – at an attractive price.

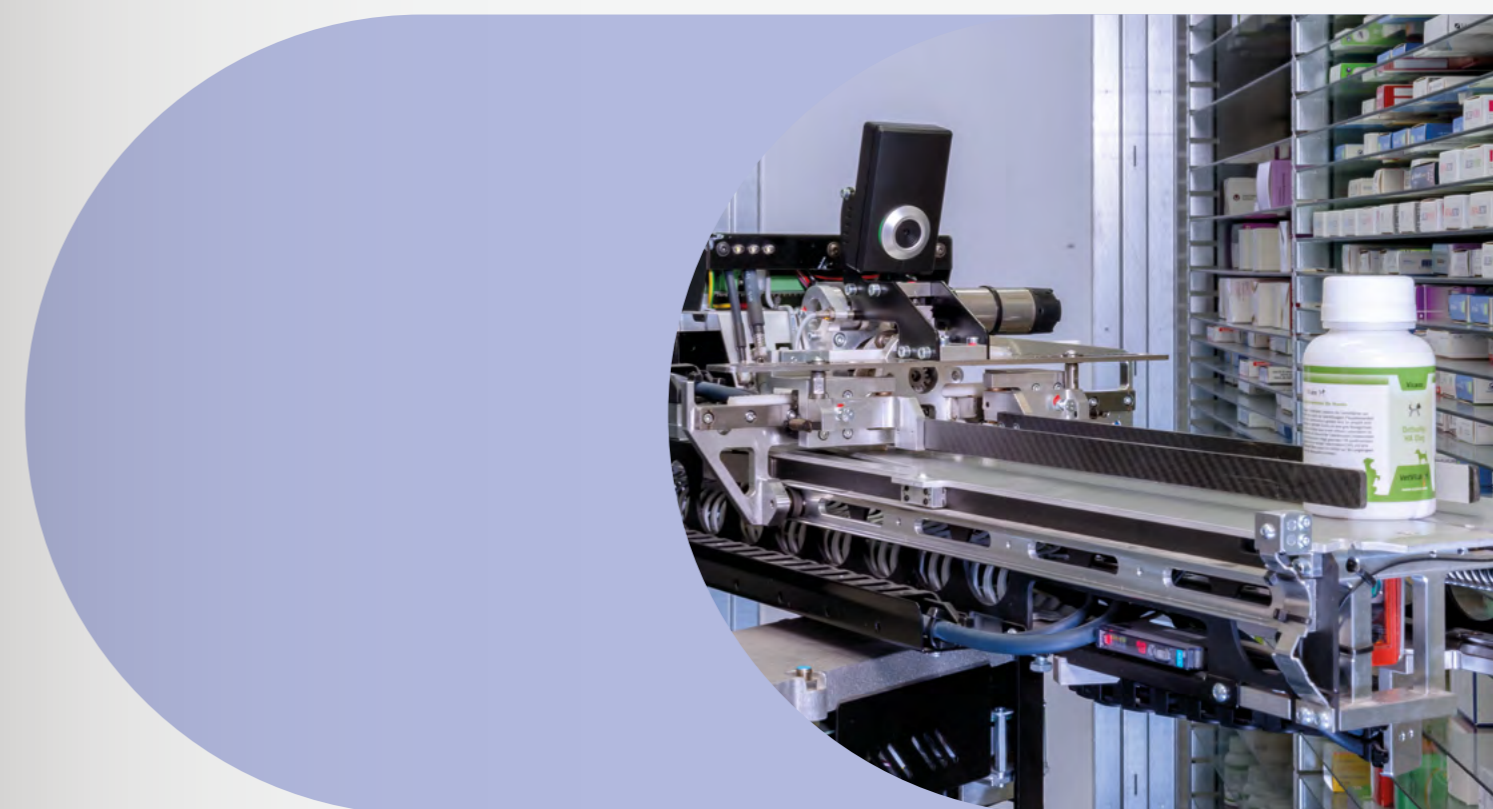


BD Rowa™ Smart



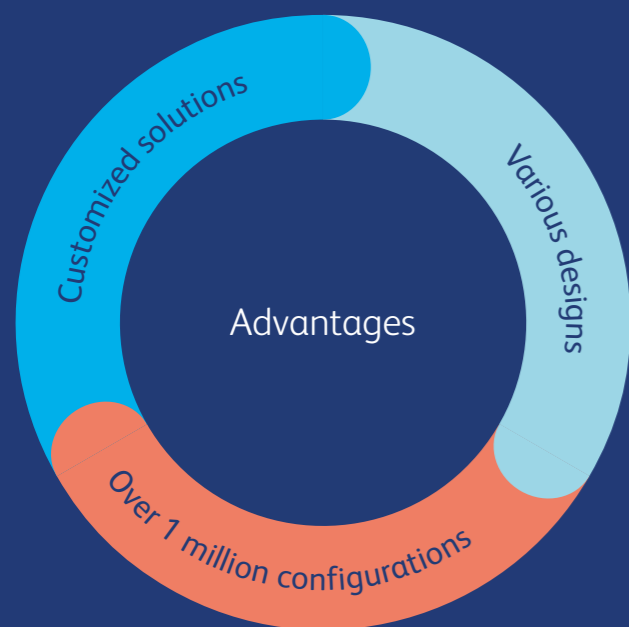
Technical data

| | | | |
|------------------------------------|--|----------------------|--|
| Dimensions (16 different sizes) | BD Rowa™ Smart | Width | 1.63 m |
| | | Height | 2.53 / 2.83 m |
| | | Length | 3.10 / 3.59 / 4.06 / 4.55 / 5.02 / 5.51 / 5.98 / 6.46 m |
| Sound level | Average sound pressure level Lp,m | 48.8 dB(A) | |
| Storable pack sizes | Rectangular packs | Min. pack dimensions | 35 x 15 x 15 mm |
| | | Max. pack dimensions | 230 x 140 x 145 mm |
| | | Weight | 5–1,000 g |
| | Round packs | Min. pack dimensions | Ø 45 mm, Height: 15 mm |
| | | Max. pack dimensions | Ø 140 mm, Height: 145 mm |
| | | Weight | 5–800 g |
| Electric parameters | 230 V, 50 / 60 Hz | | |
| Power consumption | In operation | 540 W | |
| | In non-operational mode | 285 W | |
| Colors | White (RAL 9016) | | |
| Stock input | Immediately available at the sales counter | | |
| Output | Simultaneous output of several packs possible (prescription and order picking) | | |



Automation made to measure

The **BD Rowa™ Vmax** is our tailored, automated storage machine. Thanks to its flexible height, length and wide range of expansion options, we can work together to find the optimal solution that will grow with you. We can meet your every need, from pharmacy to hospital to pharmaceutical distributor.



BD Rowa™ Vmax 130

The slimline Vmax



Technical data

| | | | |
|---------------------|--|---|--------------------------|
| Dimensions | Width | 1.33 m | |
| | Height | 2.12–3.52 m (in 5 cm increments) | |
| | Lengths | 2.68–15.17 m (in 48 cm increments) | |
| Sound level | Average sound pressure level Lp,m | 48.3 dB(A) | |
| Storable pack sizes | Rectangular packs | Min. pack dimensions | 35 x 15 x 15 mm |
| | | Max. pack dimensions | 230 x 140 x 145 mm |
| | | Weight | 5–1,000 g |
| | Round packs | Min. pack dimensions | Ø 45 mm, Height: 15 mm |
| | | Max. pack dimensions | Ø 140 mm, Height: 145 mm |
| | | Weight | 5–800 g |
| Electric parameters | 230 V, 50 /60 Hz, 8 A | | |
| Power consumption | In operation | 650 W with one picking head 780 W with two picking heads | |
| | In non-operational mode | 348 W with one picking head 379 W with two picking heads | |
| Colors | White (RAL 9016), Anthracite (RAL Design 000-25-00) | | |
| Stock input | Immediately available at the sales counter | | |
| Output | Simultaneous output of several packs possible (prescription and order picking) | | |



BD Rowa™ Vmax 160

The all-rounder



Technical data

| | | | |
|---------------------|--|---|--------------------------|
| Dimensions | Width | 1.63 m | |
| | Height | 1.72–3.52 m (in 5 cm increments) | |
| | Lengths | 2.68–15.17 m (in 48 cm increments) | |
| Volume | Average sound pressure level Lp,m | 48.3 dB(A) | |
| Storable pack sizes | Rectangular packs | Min. pack dimensions | 35 x 15 x 15 mm |
| | | Max. pack dimensions | 230 x 140 x 145 mm |
| | | Weight | 5–1,000 g |
| | Round packs | Min. pack dimensions | Ø 45 mm, Height: 15 mm |
| | | Max. pack dimensions | Ø 140 mm, Height: 145 mm |
| | | Weight | 5–800 g |
| Electric parameters | 230 V, 50 /60 Hz, 8 A | | |
| Power consumption | In operation | 650 W with one picking head 780 W with two picking heads | |
| | In non-operational mode | 348 W with one picking head 379 W with two picking heads | |
| Colors | White (RAL 9016), Anthracite (RAL Design 000-25-00) | | |
| Stock input | Immediately available at the sales counter | | |
| Output | Simultaneous output of several packs possible (prescription and order picking) | | |



BD Rowa™ Vmax 210

The multitasking talent



Technical data

| | | | |
|-------------------------|--|--|--|
| Dimensions | Width | 2.13 m | |
| | Height | 2.12–3.52 m (in 5 cm increments) | |
| | Lengths | 3.20–15.04 m (in 32 cm increments) | |
| Sound level | Average sound pressure level Lp,m | 50.9 dB(A) | |
| Storable pack sizes | Rectangular packs | Min. pack dimensions | 35 x 15 x 15 mm |
| | | Max. pack dimensions | 500 x 250 x 150 mm |
| | | Weight | 5–1,000 g |
| | Round packs | Min. pack dimensions | Ø 45 mm, Height: 15 mm |
| | | Max. pack dimensions | Ø 140 mm, Height: 145 mm |
| | | Weight | 5–800 g |
| Electric parameters | AC 230 V, 50 /60 Hz, 8 A | AC 120 V, 50 /60 Hz, 16 A | |
| | Power consumption | In operation | 391 W with one picking head / 830 W with two picking heads |
| In non-operational mode | | 158 W with one picking head / 158 W with two picking heads | |
| In power saving mode | | 76 W with one picking head / 76 W with two picking heads | |
| Colors | White (RAL 9016), Anthracite (RAL Design 000-25-00) | | |
| Stock input | Immediately available at the sales counter | | |
| Output | Simultaneous output of several packs possible (prescription and order picking) | | |

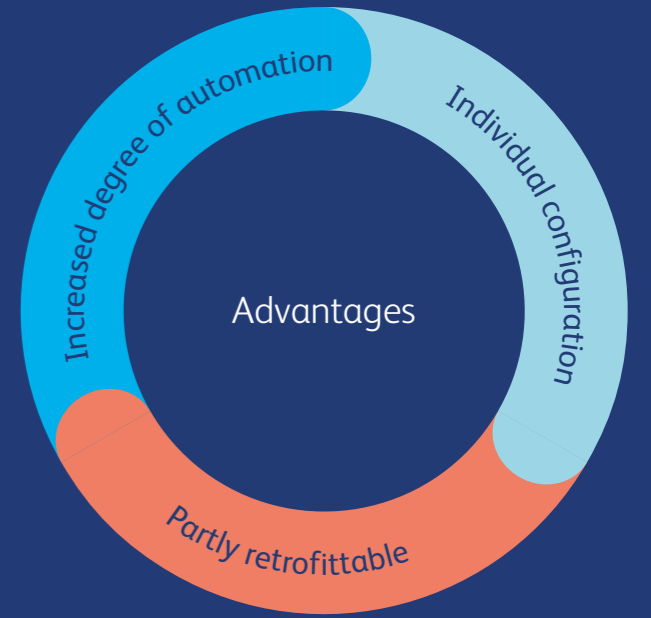


 **BD Rowa™** EasyLoad



3 More convenience – our add-ons and options

BD Rowa automation systems can be optionally expanded as desired and required. More convenience or more safety? You decide what is important for you. We can also connect systems and bridge floors with our in-house conveyor technology – we will find your way.



BD Rowa™ EasyLoad



- Time saving thanks to fully automated input into storage
- Whisper-quiet – for relaxed working in the back office
- Flexible installation – sideways, frontal, other floor

Technical data

| | | | |
|----------------------|----------------------------------|---------------------------------|--|
| Stock input capacity | Rectangular packs | approx. 11–18 seconds per pack* | |
| Storable pack sizes | Min. pack dimensions (D x W x H) | 35 x 15 x 15 mm | |
| | Max. pack dimensions (D x W x H) | 250 x 150 x 120 mm | |
| | Weight | 5–800 g | |
| | Total height | 0.91 m | |
| Buffer belt | Width | 0.49 m | |
| | Length | BD Rowa™ Vmax | 1.00 /1.50 /2.00 /2.50 /3.00 /4.00 /6.00 /8.00 m |
| | | BD Rowa™ Smart | 1.00 m |

* Value varies according to overall configuration, deviations possible. OCR function will affect speed.

BD Rowa™ iProLog



- Integrated into the BD Rowa™ Vmax
- Fully automatic input into storage
- Reduced manual effort
- Semi-automatic input into storage possible in parallel

Technical data

| | | | |
|----------------------|---|--------------------------------|--------------------|
| Stock input capacity | Rectangular packs | approx. 150–200 packs per hour | |
| | Rectangular and round packs | approx. 120 packs per hour | |
| | With OCR function (only rectangular packs possible) | approx. 120 packs per hour | |
| Storable pack sizes | Rectangular packs | Min. pack dimensions | 35 x 15 x 15 mm |
| | | Max. pack dimensions | 230 x 145 x 140 mm |
| | | Weight | 5–800 g |
| | Round packs | Min. pack dimensions | 35 x 15 x 15 mm |
| | | Max. pack dimensions | 230 x 145 x 140 mm |
| | | Weight | 5–800 g |

BD Rowa™ Conveyor systems

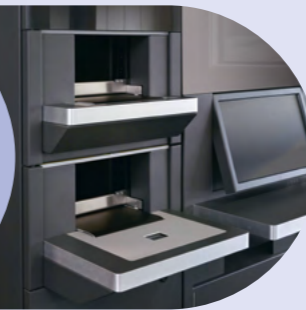
- In-house conveyor technology, customizable
- Incl. remote maintenance
- Visual screening and noise reduction thanks to outer casing
- Placement of the machine on another floor

Description of the functions

| | |
|-------------------|---|
| Conveyor belt | The automated transport of the drugs to the dispensing point reduces walking distances |
| Lift | transports goods upwards |
| Spiral chute | transports goods down |
| Flow diverter | enables the flexible arrangement of several dispensing points and directs the merchandise |
| Vertical conveyor | meets the highest demands for fully automated usage scenarios (e.g. pickup) |

A selection of your options

Second belt for inputting drugs into storage
for large incoming volumes



Refrigerated segment
energy-efficient automation of refrigerated articles



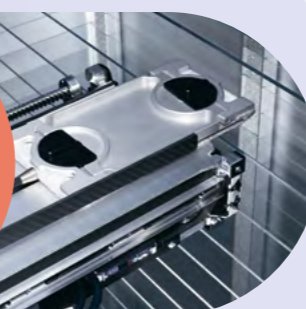
Second picking head
simultaneous drug transports for higher speeds



Air conditioning
for even temperatures



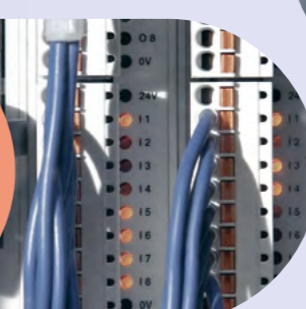
Cleaning module
fully automatic cleaning of shelving



Control software
Networking with the merchandise management system



Backup service
additional data backup even if a power failure occurs



BD Rowa™ Smart Link
for communication and
order picking

- Secures communication between systems
- Monitoring of stock levels and error messages

BD Rowa™ Pickup Cloud
for organizing online and offline orders

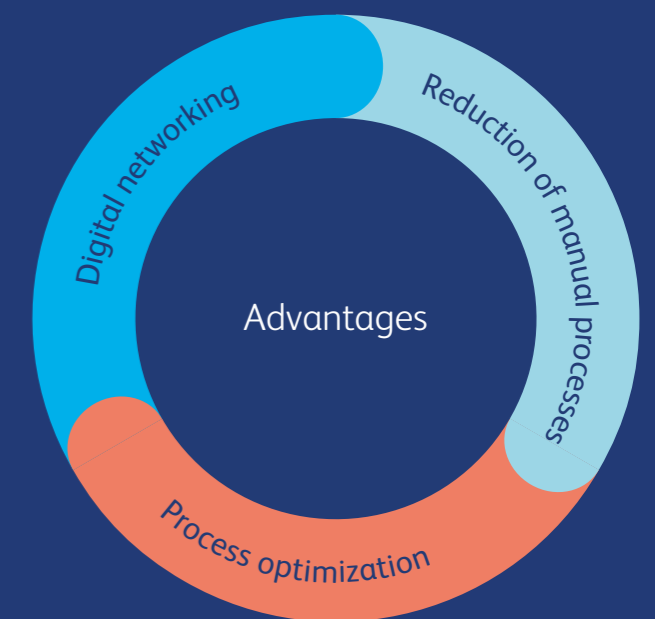
- Control of customer communications
- Management of storage locations inside and outside the dispensing machine

BD Pyxis™ Inventory Connect
for drug management
in hospitals

- Transparent compliant control of automated and manual drug inventories
- Overview for nursing staff

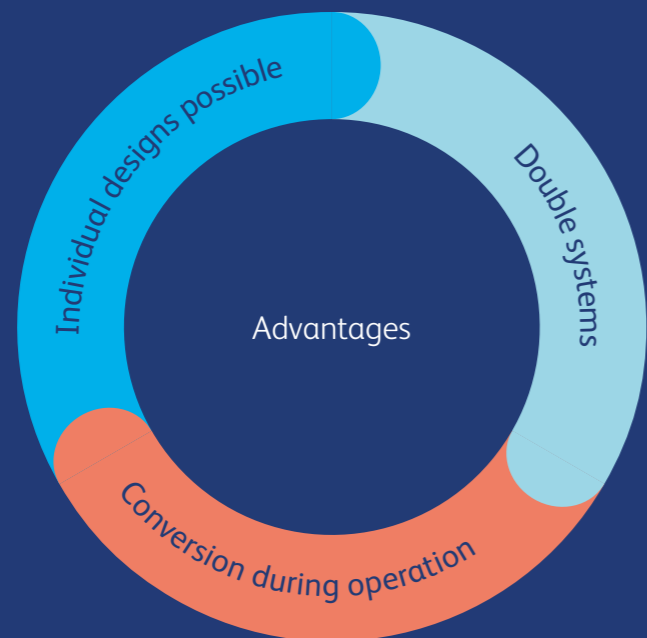
4 Software and networking

Digitalization in the healthcare industry is no longer a trend but a reality. Our software solutions help you simplify your processes and network different systems. We have numerous interfaces to active software partners in the industry, which simplifies the integration into existing infrastructures.



5 Planning for the future

Our experienced sales consultants and in-house project planning teams will advise you right from the outset. We offer industry-specific experience ranging from small pharmacies to complex solutions designed for hospitals and wholesalers.





6 Your reliable partner

We combine modern technology with personal contact. With a strong service network of over 170 experienced service technicians worldwide and a 24/7 hotline in local languages, we're always available when you need us. Let's face it – what's more important than fast help when you need it?

99,9 % reliability*

Our technicians will be with you in 2.5 hours on average

Spare parts guarantee and regular automatic software updates

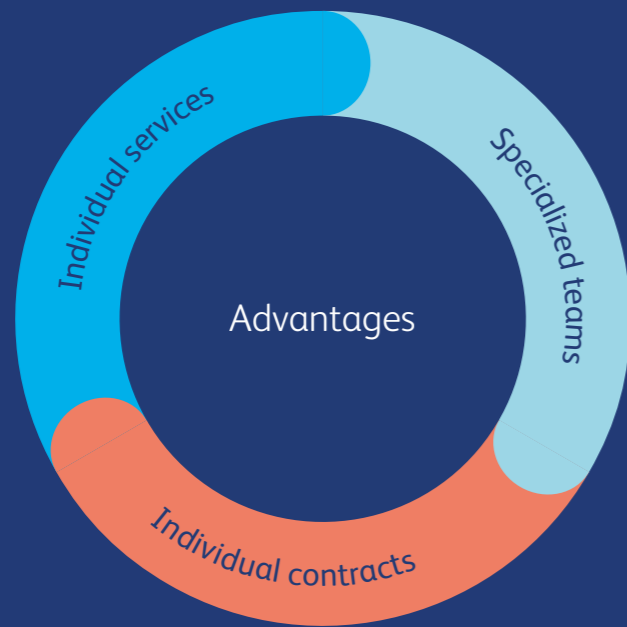
Intelligent remote maintenance and data analysis tools

Extensive online training program for you and your team

* Measured against Severity 1 service tickets for our 12,000 installed systems.

7 Service

We're convinced that every customer is unique – with unique requirements. This is why we also use modular service contracts. You choose the services which are important to you.





8 Diverse online training

Our Customer Learning Center is accessible online 24/7, helping you improve work processes and reduce errors.

50+ in-depth courses



Bite-sized video lessons



Quick Guides
Everyday life guides



Interactive tutorials



Flexibility in all shapes and sizes





9 We focus on sustainability

We care deeply about our planet, which is why we're constantly working on the efficiency of our products, through intelligent technologies and product developments in our R&D department. We have set ourselves ambitious targets to manufacture and operate our products in a more resource-efficient way, and we're working together with our parent company BD in various areas to this end – from raw material use and a regional supply chain to electricity consumption and services.

You are already benefiting from this today:

Reduction of the power consumption of our plants

Use of recycled aluminum in manufacturing

Medium-term conversion of our service fleet to e-mobility on short routes

Avoidance of unnecessary visits by our service team thanks to our in-house hotline with remote maintenance access

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