



SUPERMARKET

**for efficient and needs-based
material provision**



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Expert

INDIVIDUAL HOLISTIC INTERDISCIPLINARY

„Success does not come from technology alone, but from trust, experience, and genuine partnership.
At BLOKSMA, we think in terms of solutions, not products –and support our customers with reliability, vision, and modular concepts tailored to our customers.“

A CENTURY OF LOGISTICS EXPERTISE

- 1920** Foundation of BLOKSMA in the Netherlands.
- 1949** BLOKSMA GmbH is brought to Germany by Hendrik Marinus Bloksma focusing on repairing water coolers for automobiles.
- 1972** Herman A. Bloksma develops the first products to optimize material flows.
- 1978** Patent of the first container-tipping devices –a milestone for the industry.
- 1992** Dirk Bloksma becomes part of the family business.
- 2004** Dirk Bloksma takes over the management of BLOKSMA Engineering GmbH. Together with his team, he consistently drives forward the vision of comprehensive services for production processes.
- 2015** Establishment of the U.S. subsidiary BLOKSMA Corp. and the French joint venture Groupe Lean France, together with long-standing partners K. Hartwall and Movexx.
- 2019** Following the expansion to Daimlerstraße 3, the adjacent warehouse is now also being officially opened.
- 2026** Establishment of BLOKSMA India to strengthen the presence and better support the growing Asian market.

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1

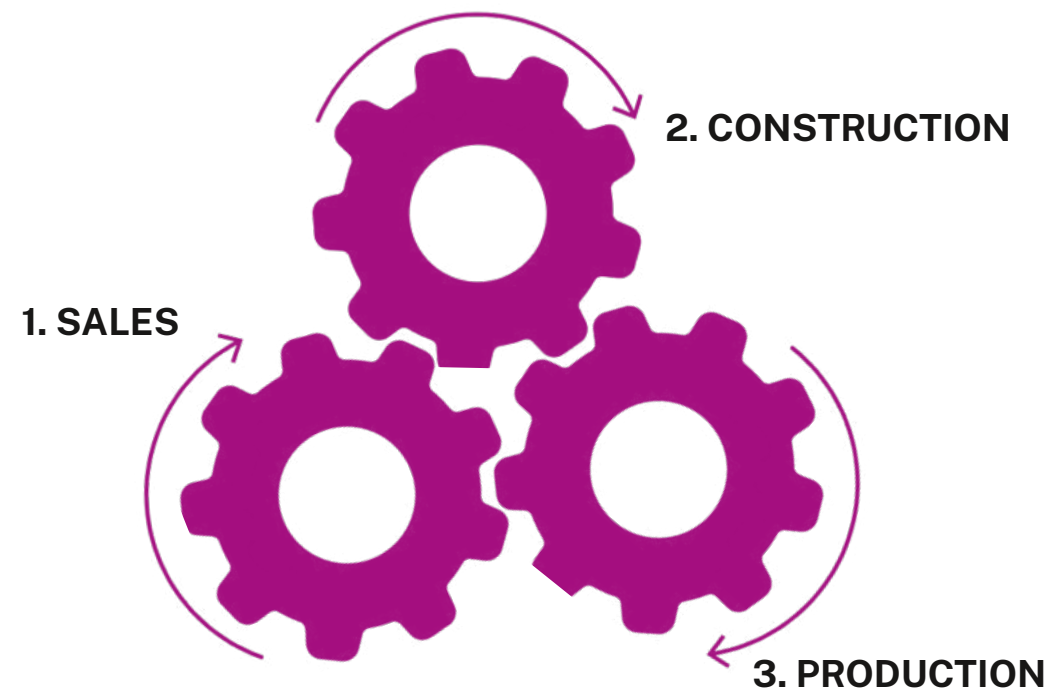
CUSTOM-BUILT CONSTRUCTIONS – MADE TO MEASURE

Each of our solutions is as unique as our customers. We develop designs that are precisely tailored to your requirements and needs: custom-fit, efficient and future-proof.

2

COMPLETE SERVICE – FAST AND FLEXIBLE

Our departments work hand in hand with short lines of communication and maximum efficiency. This allows us to respond quickly to individual requests at any time and implement design changes even on short notice. The benefits for you: direct coordination, fast solutions and results that fit perfectly.



3

STRONG NETWORK – COMPREHENSIVE SOLUTIONS

Through close collaboration with our partners, we pool our expertise and ensure access to the latest technologies. This allows us to integrate your customized solution into your existing system and expand it as needed.

4

BLOKSMA – EXPERIENCE, THAT IS RECOGNIZED WORLDWIDE

Today, customers around the world rely on our solutions—backed by a strong international sales network and decades of experience.



STRUCTURE INSTEAD OF CHAOS

Supermarkets ensure the demand-based supply of goods and workpieces, following the first-in, first-out principle. As a premium manufacturer BLOKSMA specializes in aluminium supermarkets that meet all requirements.

Chaos
without a supermarket



If a supermarket for the organized guidance of trolleys is missing, the trolleys are often parked randomly. This quickly leads to a chaotic and inefficient work environment. Unsecured trolleys also pose a significant safety risk: they can become tripping hazards and cause serious accidents. Structured and secure storage is therefore essential for smooth and safe operations.

STRUCTURE INSTEAD OF CHAOS

Customized solutions

By respecting specific customer requirements, a wide range of variants has already been designed—tailored precisely to their respective applications.

Efficient material supply

The required materials are organized and stocked in the supermarket according to the FIFO (first-in, first-out) principle. Replenishment is carried out as needed—controlled by the customer's Kanban or e-Kanban systems.

Modular and flexible

Our supermarkets have a modular design and can be customized and expanded as needed.

Structure
with BLOKSMA Supermarket



Material buffers with system:

Supermarkets serve as organized material buffers between workstations. To prevent chaos, tracks are installed on which floor trolleys are placed and made available for pickup. This ensures that materials are provided efficiently and as needed.

FIFO-SYSTEM

Provision of all material as needed

Modular structure

fully expandable

Your solution

Standard or individually adjusted

Housing

Top-structure with a roller conveyor, conveyor belt on shelf for additional parts

BLOKSMA Online

built your Supermarket with our online Supermarket Configurator

Suitable for automation

using AMRs (Automated Mobile Robots)



CUSTOMER-FOCUSED SUPERMARKET

1



Need analysis

To ensure that your new supermarket works seamlessly with your existing trolleys, we offer personalized on-site consultations. Our trained staff will assess your specific needs on-site, determine the best solution, and provide you with a customized quote. Additionally we have a checklist available on our website, that you can download and fill out in advance to streamline the consultation process.

2



Offer

We'll provide you with a customized quote at short notice—tailored precisely to your requirements and circumstances. This way, you'll quickly receive a solution that's both technically sound and cost-effective.

3



Construction

Before production begins you will receive a detailed design drawing for review and approval. This ensures that your requirements are fully taken into account and that you have complete control over the implementation.

4



Approval

Before final approval you can make changes or corrections to the design at any time. This ensures that the final result meets your expectations exactly.

5



Production & Delivery

Once approved, the supermarket will be produced for you. Each supermarket is packaged separately so that all components can be correctly identified. We determine the most cost-effective packaging for shipping. Guide rails can be cut into sections if necessary to save on shipping costs.

6



On-site assembly

We also offer you maximum flexibility when it comes to assembly: You decide whether you want to assemble the supermarket yourself or use our on-site service. If you choose to assemble it yourself, we will provide you with detailed construction drawings, a parts list, and clear, illustrated instructions.

ONLINE SUPERMARKET CONFIGURATOR



The future of your
production logistics
development expertise since 1949

BLOKSMA



Trolley - size (mm)

600x400



Wheel combination

4x swivel

Entry direction

lengthwise

Number of trolleys next to each other

10

Number of trolleys in a row

10

Infeed element

Plastic

Brake

none

Rail dimensions

Labeling - vertical module

Labeling - frame

Color

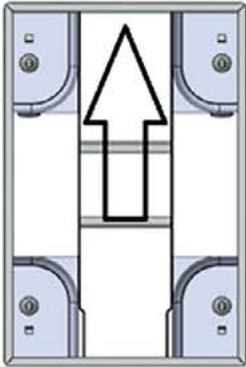
white

Dimension

DIN A4

Application

standing



Get to your supermarket quickly and efficiently

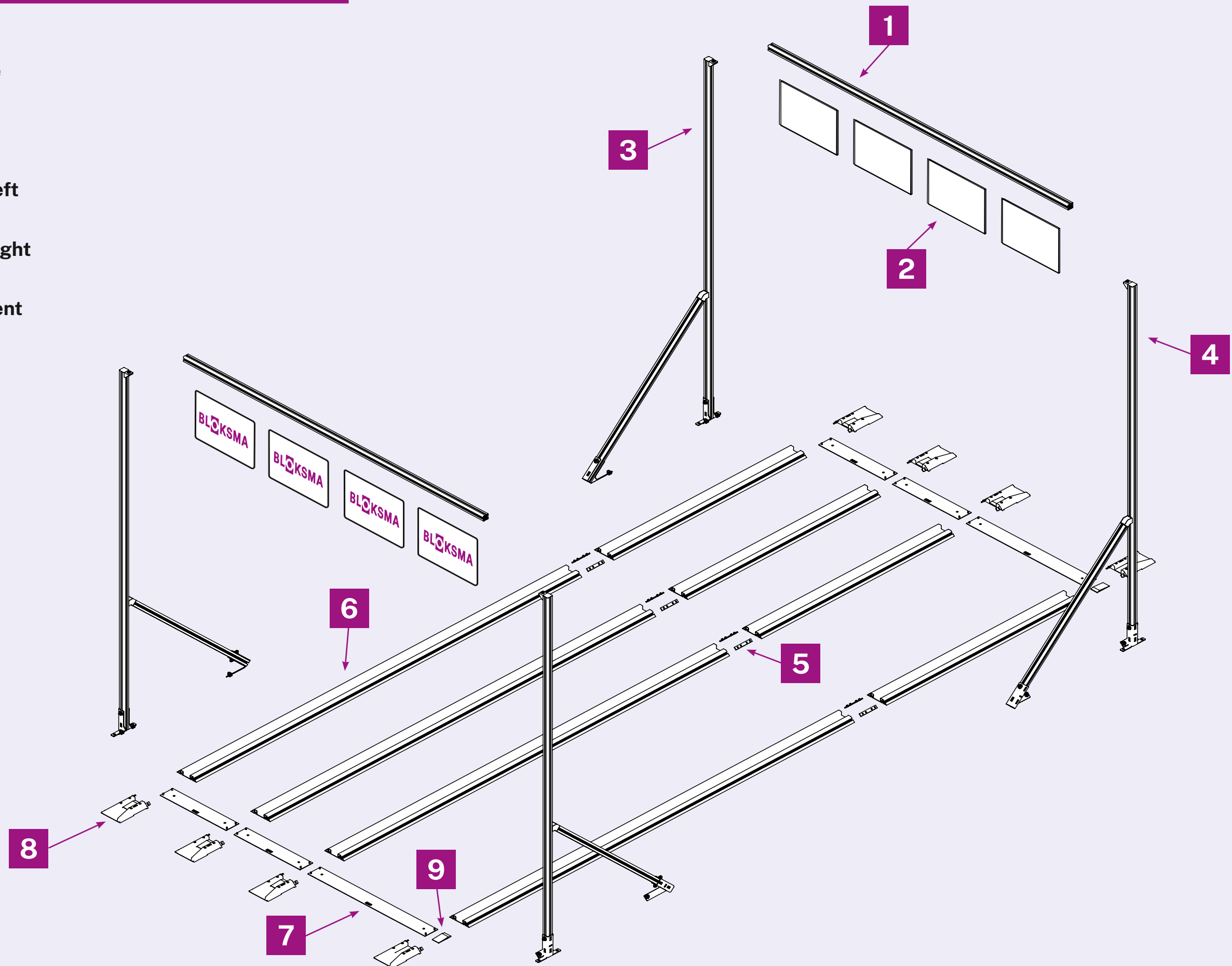
1. Select the size of your trolley and the insertion direction.
2. Determine the number of trolleys placed side by side and one behind the other.
3. Decide which material for the feed element is suitable for your application.
4. In the final step, you can select additional components such as an additional brake or signage.

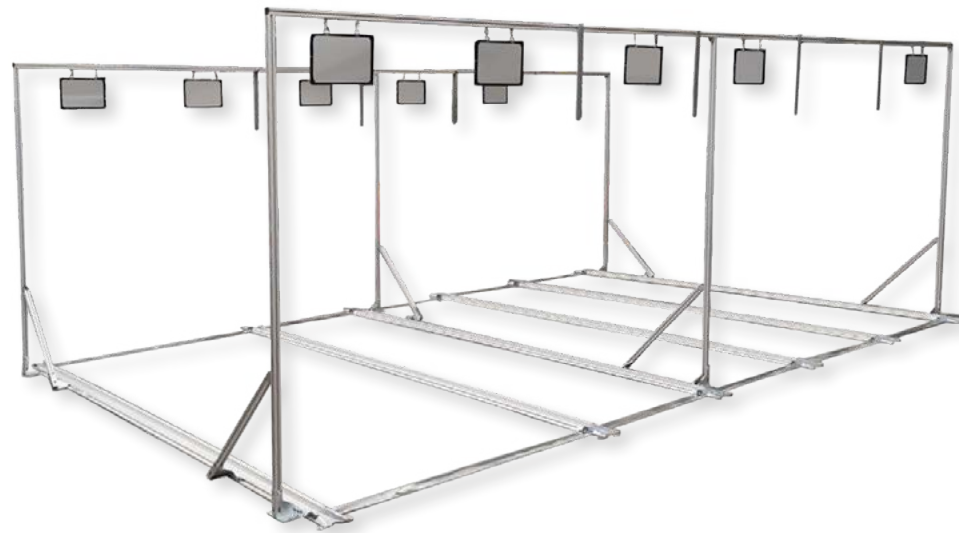
After a few minutes you will receive a custom drawing of your supermarket. In addition within a few days you will receive a quote for your customized supermarket.



STRUCTURE AND COMPONENTS

- 1** Aluminium profile
- 2** Placard frame
- 3** Vertical module left
- 4** Vertical module right
- 5** Connecting element
- 6** Guide rail
- 7** Connector
- 8** Infeed element
- 9** Return stop



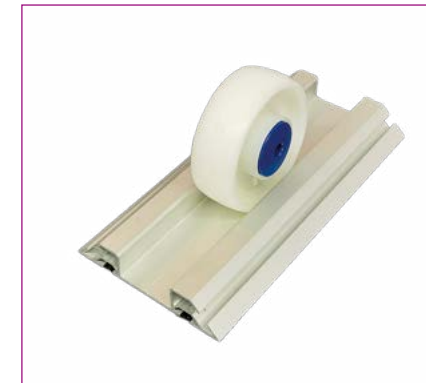


Lightweight and flexible

Modular structure

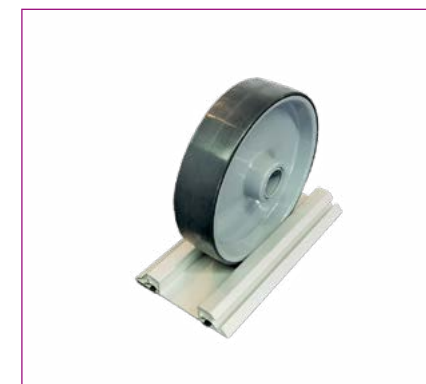
High stability and durability

Custom color options available for components



Rail width SW 41

- Rail width: 41 mm
- Custom lengths
- Recommended for wheel widths up to 40 mm
- Material: aluminium –one-piece
- Standard finish –natural anodized
- Available in color upon request (powder-coated)



Rail width SW 52

- Rail width: 52 mm
- Custom lengths
- Recommended for wheel widths from 42 mm to 50 mm
- Material: aluminum-one-piece
- Standard finish-natural anodized
- Available in color upon request (powder-coated)



flexible rail width ESD-capable (G7)

- Rail width: individual
- Custom lengths
- Material: aluminum –two-piece
- The trolley is guaranteed to be ESD-compliant
- Standard finish –natural anodized
- Available in color upon request (powder-coated)



Profile rails

Anodized aluminum as standard
Upon request the aluminum can be powder-coated in a variety of colors

Profile:



Aluminium

- Two standard widths: 41 mm & 52 mm
- Powder-coated in black, yellow, orange, red, ultramarine and turquoise
- Alternatively sandblasted
- Durable even with heavy use



Plastic

- Two standard widths: 41 mm & 52 mm
- Available in two versions for versatile use
- Cost-effective and easily changable
- BLOKSMA Standard: black, yellow, orange, red, ultramarine, turquoise
- also available in two-piece – for special sizes and custom widths



Steel

- Two standard widths: 41 mm & 52 mm
- Available in two versions for versatile use
- Sturdy construction
- Galvanized steel surface
- Available in stainless steel upon request
- Also available in two-piece – for special sizes and custom widths



*available in various colors and sizes



Mounting options

B = standing



stable construction, on top of the supermarkets frame

K = hanging



hangs freely from the ceiling

H = hanging



quick to replace and, thanks to its flexible mounting, particularly break-resistant



End stop

When the supermarket is used unidirectionally, i.e. not passable, the end stop is used. Either the wheel or the trolley frame is stopped with it. The stop can be easily and quickly attached to the guide rail.



Return stop

Two wedges prevent the wheels from rolling away unintentionally. The return stops are available in two heights: 6 mm und 10 mm. Both versions can be combined. Installation is done by simply gluing them into the guide rail.



Brush brake

The brush brake reduces the speed of the trolley through controlled friction on the wheel. The braking effect can be continuously adjusted via the mounting the brush using a slotted hole and adapted to the respective requirements.

Mechanical stopper

The stopper operates purely mechanically, is activated by pressure and is available in two versions.

Inlet stopper: Prevents the trolley from rolling backwards

Outlet stopper: Prevents the trolley from being inserted on the wrong side



Spring-powered stopper

The spring-operated backflow stopper prevents the trolley from unintentionally rolling out, thereby securing its position. Operation is mechanical and requires no increased effort. The spring-powered stopper can be flexibly installed for one or both directions.



Parking lot

A parking lot prevents a trolley from rolling away unintentionally. This reduces the risk of accidents. Furthermore, it clearly defines the trolleys's parking spot, eliminating the need for a brake on the trolley.



ACCESSORIES

Top structure with conveyor belt on shelf

Roller conveyors can be optionally installed on the top of the supermarket. These enable the automatic feeding of KLTs according to the FIFO principle. The movement is purely mechanical, based on the Karakuri concept (low-cost automation), in which the containers are guided from back to front by their own weight.



Level indicator / E-Kanban

In collaboration with our partners, sensors and measurement systems can be integrated into the supermarket. These systems track current inventory levels and automatically detect when restocking is needed. When necessary an order is triggered immediately—ensuring a seamless and efficient flow of goods.



Autonomous transport system, Autonomous Mobile Robot

By using an automated guided vehicle (AGV) system, the supermarket can be loaded and unloaded automatically. The handover is process-controlled — similar to an automated docking station. In an era of labor shortages and increasing automation, this solution offers an efficient way to reliably maintain the flow of materials in the smart factory.



AUTOMATION SYSTEMS

Automated refill device FIFO reimaged intelligently

With the automatic replenishment system, hard-to-reach trolleys are a thing of the past. The rearmost trolley is automatically moved forward—right where it's needed. BLOKSMA offers two solutions for this:

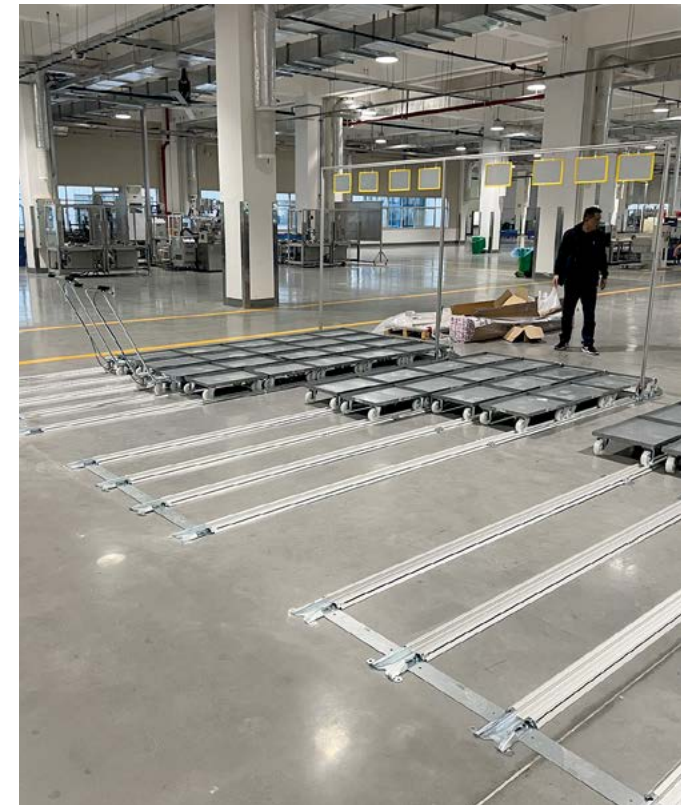
1. Automated refill device – mechanically controlled feed based on the FIFO principle.
2. The dolly mover with AGV – automated transport combined with an AMR (autonomous mobile robot).



The length of automated refill device can be customized.



APPLICATIONS



Trust, that inspires...

Many well-known companies rely on solutions from BLOKSMA

AEG • Allweiler • AMG • Arburg • Atlas Copco • Audi • Behr • Benzinger • Beru • Bitzer • BMW Boge • BorgWarner • Bosch • Brose • BRP-Rotax • BSH • Bürkert • Caterpillar • Continental • Daimler Truck • Danfoss • Eaton • Eberspächer • ebm-papst • EMAG • FAG Faurecia • Federal-Mogul • Fein • Felsomat • Festo • Ford • Gardenia • Gemü Georg Fischer • Getrag • GKN • Grob Güdel • Hanning • HandlingTech

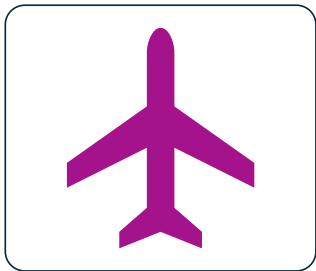
Hansgrohe • Hatz • Heidelberg • Hella • Hoerbiger • Husky • IFA • IMS Gear John Deere • Knipex • Kärcher • KUKA • Liebherr • LUK • Lütze • Magna Steyr Mahle • MAN • Mannesmann • Mercedes Benz • Metabo • Miele • Nidec • Opel Parker • Pierburg • Porsche • Promot • Schaeffler • SEW • Siemens • Stihl Thyssenkrupp • Trelleborg • Valeo • Vibracoustic • Volkswagen • Vorwerk • Wabco • ZF



INDUSTRIES WE SERVE



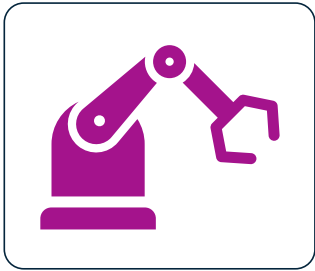
AUTOMOBILE / TIER I & II



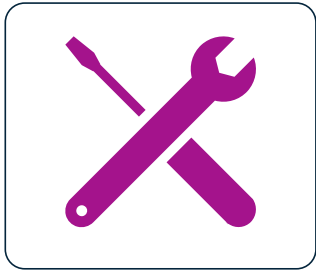
AERONAUTICS AND SPACE



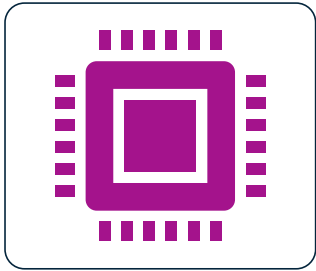
LOGISTICS



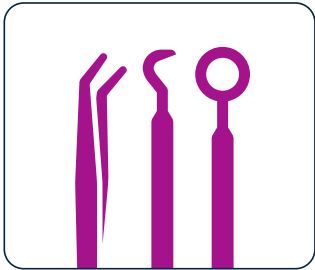
AUTOMATION



TOOLS



ELECTRONICS



MEDICAL TECHNOLOGY



PHARMA



PLUMBING / FITTINGS



AGRICULTURE / FARMING



FOOD



BEVERAGES

COMPLETE SOLUTIONS FROM BLOKSMA



1 | TROLLEYS



2 | LIFTERS



3 | SUPERMARKET



4 | TRANSPORT-LOGISTICS



5 | FLOW RACKS



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