

BLOKSMA

The future of your production logistics



LIFTERS

for efficient and ergonomic lifting



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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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Ergonomic Lifting with BLOKSMA

Modern lifters create ergonomic workstations and significantly reduce the physical strain on workers. As a premium manufacturer, BLOKSMA offers a wide range of drive technologies: **pneumatic, electric, or electro-hydraulic** – tailored to your specific needs and processes.

By meeting individual customer requirements, we have already developed and produced over 2,600 different models.

BLOKSMA lifter is synonymous with well-designed functionality and maximum ergonomics. It comfortably raises loads to the optimal working height, helps shorten access times while significantly reducing sick leave and the effort required for manual handling.

Thanks to modular design custom manufacturing and exceptional flexibility, our lifting equipment can be tailored precisely to your needs.

The choice is yours

- Stationary, mobile or semi-mobile
- Single unit or tandem solution
- Pneumatic, electric or electro-hydraulic
- Front loading, side loading, or drive-through
- Pivotal, even under load
- With sensor-based height adjustment or manual control
- Interfaces for automation

No matter which model you choose

With lifter from BLOKSMA, you are investing in ergonomic work processes and cost-optimized intralogistics.

Pneumatic lifter



up to 500 kg

Electric lifter



up to 300 kg



300 kg and up

Lifter electro-hydraulic



Electro-hydraulic heavy-lifter for a load of 1000 kg.

Special solution for tight spaces



Compact and flexible, up to 200 kg, with an electric linear unit.

Lifter stainless steel



for the food and medical sectors

TYPE

Electric

- Sensory height detection and other accessories available
- Various speeds available
- Smooth, continuous lifting and lowering without any hesitation
- Modular structure



Pneumatic

- A cost-effective alternative to electric lifters
- Modular structure



Hydraulic

- Ideal for lifting heavy weights
- Intended use for pallets and mesh boxes



Battery

- No need for power outlet or compressed air connections – ideal for flexible usage
- Ideal for handling shelves
- Freedom of movement thanks to wireless operation
- Reduced risk of accidents, as there are no tripping hazards caused by cables



MOBILE IN THE FACTORY

Stationary

The lifter is designed for a fixed location and can be secured on the ground.



Semi-mobile

Thanks to the wheels mounted on the rear, the lifter can be easily and flexibly moved to the desired location. For stable and safe use, it is recommended to align the lifter precisely at the work site. Anchoring it in place increases stability and prevents unintended movement during operation.



Mobile

The lifter can be easily moved to a different location within the production site.

Important

The transportation is permitted only when the lifter is unloaded. It is recommended that the lifter is aligned and positioned at the site of use.



LOADING TYPE



Front-loading lengthwise / crosswise

Lengthwise loading: The trolley is pushed onto the lifter-
with the short side first.

Crosswise loading: The trolley is pushed onto the lifter-
with the long side first.

This distinction is important for planning material flows
and selecting appropriate lifters or hand-off stations.



LOADING TYPE



Side-loading left / right

Loading can be done from the left or the right.

Side-loading left: The trolley is pushed onto the lifter from
the left side to the right.

Side-loading right: The trolley is accordingly pushed onto the
lifter from the right side to the left.

These variants allow for flexible adaptation
to spatial conditions and process requirements.



Rear loading

A load carrier is lifted from one side and the filling
is removed from the other side of the lifter.



Drive up and drive through

A trolley is first lifted to a designated transfer level and
then continues from there. Depending on the position of
the loading and unloading sides, there are two conveying
options:

1. Drive up: Loading and unloading is happening from the
same side. The trolley is pushed onto the platform and
remains there for further processing.

2. Drive-through: Both sides can be used for loading and
unloading, which ensures maximum flexibility and possi-
ble line integration. The trolley is guided onto the platform
and transported to the opposite side.

This distinction is important for planning material flows
and selecting appropriate lifters or automated stations.

LOAD CARRIERS



Trolleys and transport wagons

Trolleys come in a wide variety of designs, sizes and load capacities. Depending on your requirements, BLOKSMA can develop a load carriers solution for any type of trolley.



Boxes and containers

A special type of load-handling mechanism makes it possible to pick up and lift KLTs or other containers.



Pallets and mesh containers

A load pickup system designed for standardized load carriers allows easy handling of items such as pallets or mesh containers. Loading is performed using equipment like pallet jacks or forklifts, ensuring efficient and practical material handling.

Tandem

A combination of two lifters that are permanently connected to each other and positioned side by side. This allows parallel loading and unloading of load carriers. The lifters can be synchroized.



Twin

In a twin configuration two lifters are positioned facing each other. They are loaded from the side and can also be synchronized.



Gemini side-loading

Unlike the twin, the bodies of the lifters are positioned in the center. This reduces the space the lifters take up. In addition the lifting units can be housed as one.



MODELS

SENSORIC



Sensoric height detection

Lifter with sensor-based height detection are equipped as standard with a point sensor that has a range of approximately 300 mm. The sensor detects the edge of the KLT and automatically stoppes, until loading / deloading of the box took place.

Applications: One-piece, closed containers such as plastic boxes, cardboard boxes or similar items.

Line sensors are used for open containers such as mesh baskets or wire workpiece carriers.

These project a horizontal line and can detect irregular shapes with a range of up to 150 mm.

Trolley load control

The trolley load control developed by BLOKSMA significantly enhances safety when handling trolleys. The system detects whether a trolley has been fully slid onto the load carrier.

Only when this is the case is the lifting process will be authorized. This prevents a trolley that has not been fully positioned from being lifted – a potential source of danger in everyday work.

The trolley load control can be optionally integrated into BLOKSMA lifting equipment and offers a valuable safety enhancement, particularly in dynamic logistics processes with frequent changes of load carriers.



CONTROLS

Our electric and pneumatic lifting devices can be equipped with various control options that allow for flexible adaptation to different operating conditions.



Standard Control Panel

The lifting and lowering functions can be controlled either automatically or manually. The control panel holder can be mounted on the right, left or rear of the lifter.



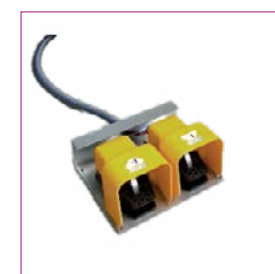
Push button on the device

Buttons integrated directly into the lifter allow for operation directly on the device.



Foot-Pedal

For applications that require the use of both hands, a foot pedal is available to control the lifting motion.



Manual lever

The pneumatic lifter is equipped with a hand lever that is operated manually.



Automation Interface

BLOKSMA lifters can be seamlessly integrated into automated processes via a special interface. They allow for external control by higher-level control systems and can easily be integrated into existing production and logistics systems – the foundation for digitally controlled material flow.





FLEXIBLE MOVEMENTS

Tilting

The load carrier is securely fixed at its rim. This is followed by lifting, the singulation process and controlled tilting – ensuring process-reliable and ergonomic handling.



Emptying / Pouring-out

By tilting the container in a controlled manner, the bulk material is completely emptied from the container, for example to fill a bunker.

Rotating / Swinging in

If loading is only possible from one side, the load carrier can be rotated into the work area.



Excavate

The trolley remains firmly on the floor throughout the entire process; only the components are lifted. Guide elements ensure that the components are securely held in place. In combination with sensor-based height detection, removal always takes place at a consistent height, which ensures ergonomic and reliable handling.



ACCESSORIES

With the right accessories, you can get the most out of your lifter in terms of safety, efficiency and comfort.

Cable holder

For organized cable management when moving a mobilelifter. It prevents cables from lying loose, thereby reducing the risk of tripping or damage.



Fork Protector

Ensures workplace safety and protects people and equipment in the event of accidental contact with the fork tines.



Scale

This allows components to be weighed or counted. It saves time and ensures precise processes.



ACCESSORIES

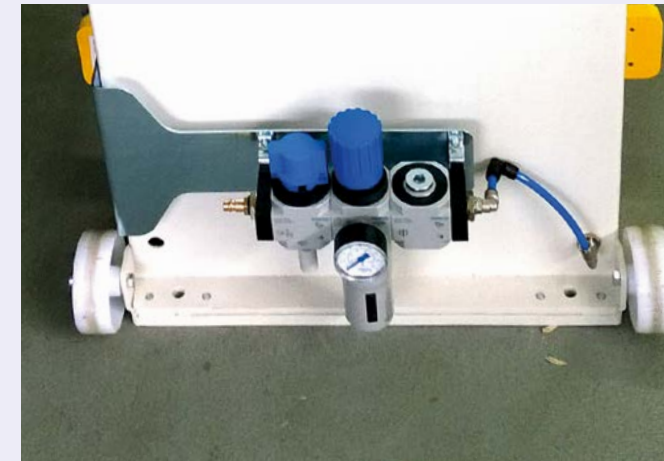
Protective enclosure and safety door

Prevents contusion of the body and material damage to trolleys or other objects. The enclosure can be mounted on one side or all around the lifter with a door—depending on safety requirements.



Maintenance unit

For applications involving high humidity, BLOKSMA equips its lifters with a specially designed maintenance unit. This ensures reliable compressed air treatment and protects the pneumatic cylinder from corrosion and malfunctions—for consistently stable and low-maintenance system performance.



Power supply – suitable for worldwide use

There are over 15 different voltage ranges worldwide, ranging from 100 to 240 V. BLOKSMA lifters are designed for all voltage ranges and can therefore be used internationally. Depending on the country and the customer's preferences, the equipment is supplied with the standard plug for that country—ensuring maximum flexibility and trouble-free operation.

ACCESSORIES



ESD protection

Upon request, the lifter is available in an ESD-compliant version to reliably protect electrostatic-sensitive components. The use of conductive materials and the integration of appropriate grounding concepts ensure the dissipation of electrostatic charges—ideal for use in areas containing electronic components or assemblies.

Adjustable load carrier



Manual roller conveyor



Electric roller conveyor



Lifting pallets

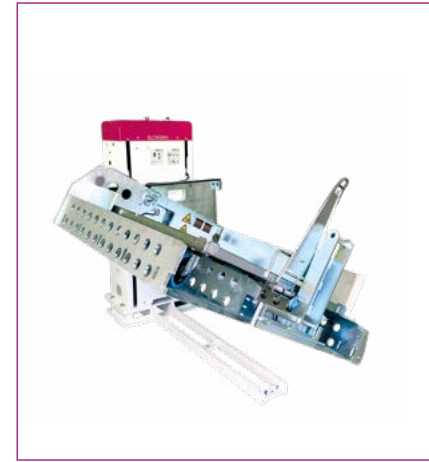


Lifter with a tilting assembly table



CUSTOM SOLUTIONS

Rotate and tilt system



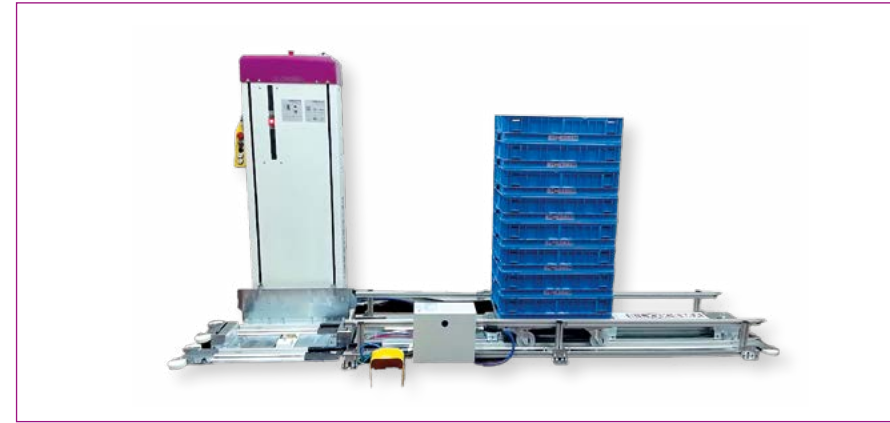
for long loads



for high loads



Complete system with automatic supply



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

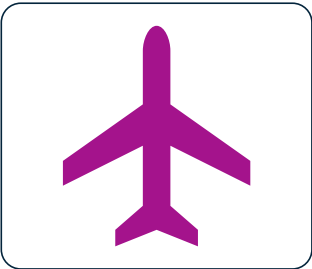
Hansgrohe • Hatz • Heidelberg • Hella • Hoerbiger • Husky • IFA • IMS Gear John Deere • Knipex • Kärcher • KUKA • Liebherr • LUK • Lütze • Magna Steyr Mahle • MAN • Mannesmann • Mercedes Benz • Metabo • Miele • Nidec • Opel Parker • Pierburg • Porsche • Promot • Schaeffler • SEW • Siemens • Stihl Thyssenkrupp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



INDUSTRIES WE SERVE



AUTOMOBILE / TIER I & II



AERONAUTICS AND SPACE



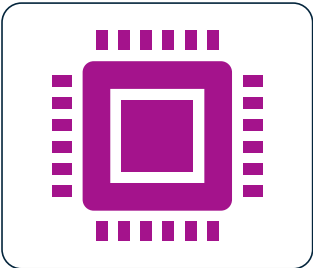
LOGISTICS



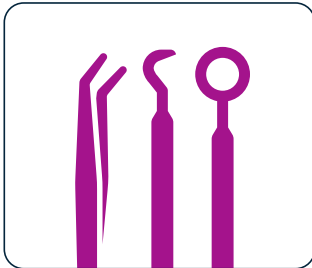
AUTOMATION



TOOLS



ELECTRONICS



MEDICAL TECHNOLOGY



PHARMA



PLUMBING / FITTINGS



AGRICULTURE / FARMING



FOOD

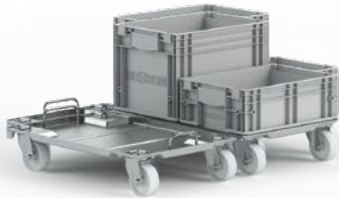


BEVERAGES

CERTIFICATES



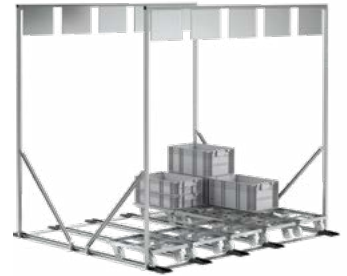
COMPLETE SOLUTIONS FROM BLOKSMA



1 | TROLLEYS



2 | LIFTERS



3 | SUPERMARKET



4 | TRANSPORT-
LOGISTICS



5 | FLOW RACKS



6 | WORKPIECE-
CARRIERS



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