MATERIAL FLOW AND FACTORY EQUIPMENT LIFTERS

ERGONOMICS AT THE WORK STATION.

BLOKSMA

BLOKSMA

FLOWING PROCESSES FOR MORE THAN 95 YEARS

BLOKSMA-Engineering – a name that has become synonym for professional material flow and technically mature workpiece carriers.

Starting in 1920 with a mechanical production, BLOKSMA has turned into the absolute specialist for efficient production logistics.

1920 Founding of BLOKSMA in Netherlands by Pieter Bloksma

1949 Founding of BLOKSMA in Germany by Hendrik Marinus Bloksma

1958 Herman A. Bloksma enters the business at only 16 years of age

1972 Development of the first product for material flow optimization by Herman A. Bloksma

1978 The patent for the first container tilting devices by Herman A. Bloksma

2004 Dirk Herman Hendrick Bloksma takes charge of the management

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Well known companies trust in BLOKSMA solutions:

AEG · Allweiler · AMG · Arburg · Atlas Copco · Audi · Behr · Benzinger · Beru · Bitzer · BMW
Danfoss · Eaton · Eberspächer · ebmpapst · EMAG · FAG · Faurecia · Federal Mogul · Fein
Hansgrohe · Hatz · Heidelberg · Hella · Husky · IFA · INA · John Deere · Knipex
Mercedes Benz · Metabo · Miele · Nidec · Opel · Parker · Pierburg · Porsche · Promat
Wabco · Wago · ZF

Boge · Borg Warner · Bosch · Brose · BRP-Rotax · BSH · Caterpillar · Continental · Daimler
Felsomat · Festo · Ford · Gardena · Gemü · Georg Fischer · Getrag · GKN · Grob · Güdel
Kodak · KUKA · Liebherr · LUK · Lütze · Magna · Magna Steyr · Mahle · MAN · Mannesmann
Schaeffler · SEW · Stihl · thyssenkrupp · Traub · Valeo · Vibracoustic · Volkswagen · Vorwerk

OPTIMIZE YOUR
“PRODUCTIVITY FACTOR“ PFA

What is the PFA?

The Productivity Factor establishes the relationship between the total duration of the product cycle and the duration of the actual value creation process. The factor can be optimised by reducing the activities which do not generate added value such as the material transport from one processing station to the next.

$$PFA = \frac{Time_{overall}}{Time_{value\text{-}creation}}$$

Time overall
delivery, production time, internal transport, waiting/storage time, delivery

Time value-creation
processing, assembly, machine operating times

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LET‘S USE THE CONCRETE EXAMPLE OF A MANUFACTURER FOR PROFESSIONAL POWER TOOLS

BEFORE	
Lead time / working day	1587 min
Value cration estimated	200 min

$$PFA = \frac{1587\ min}{200\ min} = 7.94$$

Stock 4,950,000 €

AFTER	
Lead time / working day	595 min
Value creation estimated	200 min

$$PFA = \frac{595\ min}{200\ min} = 2.98$$

Stock 1,600,000 €

SAVINGS

Time savings through trolley usage	per working day	**992 min**
Interest gained through lead time reduction from 8 to 3 working days	per working day	**1,315 €**
Stock reduction	per year	**3,170,000 €**
Total investment	about	**90,000 €**

Objectives

- increased efficency
- ground-level storage without shelves and forklifts
- reduction of transit stocks by 2/3
- halving the lead times
- higher productivity per unit area
- improved ergonomics

Solution approach:
Getting “the production moving“

- modern lay-out
  with just-in-time principle as flow production
- removal of high shelves with a roller conveyor
- forklift- free zones
- reduction of walk and search paths as well as manual repacking and restacking
- uniform SLC containers from the supplier to the customer

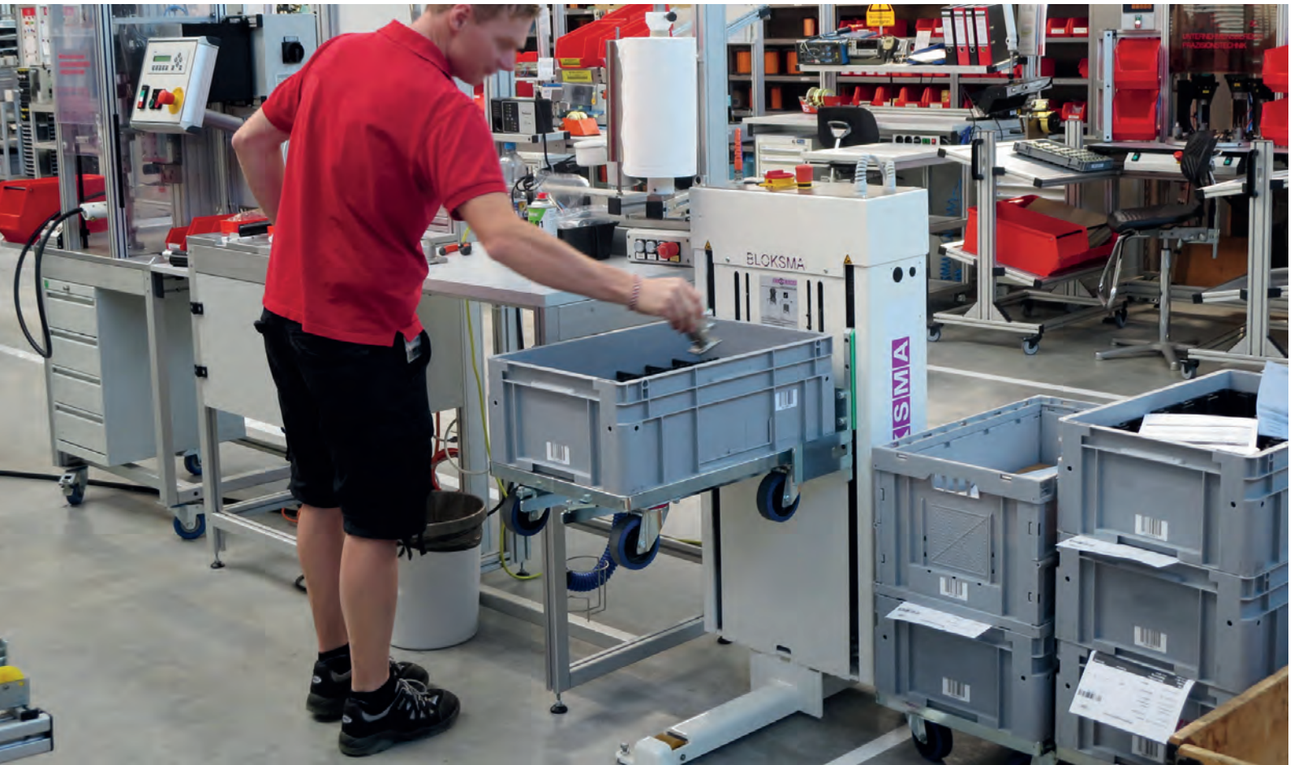
LIFTERS

Pressing a button instead of using muscle strength: lifters provide ergonomic workstations. BLOKSMA as the premium manufacturer offers pneumatic and electric lifters.

More than 1,700 models of lifters have been produced already as the individual requirements of our customers were fulfilled over the years.

BLOKSMA lifters are fundamentally effective. They move loads comfortably on working height, thus protect the workers´ health and reduce access times, downtime and handling costs. Individual production, modular design and matchless flexibility make our lifters adjustable to any requirement. You have the choice: stationary, semi-mobile or mobile, highly flexible, single or twin lifters?

Pneumatic or electric? Front or side loading ? Rotatable when loaded or unloaded? With sensory height adjustment or manual control? Whatever you choose: with BLOKSMA lifters ergonomics and profitability are guaranteed.



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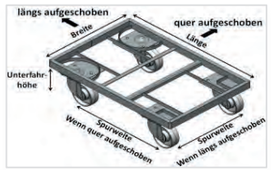
OVERVIEW

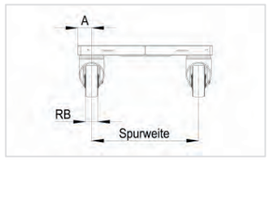
PRODUCT INFORMATION	**Pages 70–83**
ELEKTRIC LIFTERS • FURTHER VARIATIONS • TECHNICAL DATA SHEETS	**Pages 84–105**
PNEUMATIC LIFTERS • FURTHER VARIATIONS • TECHNICAL DATA SHEETS	**Pages 106–127**
HYDRAULIC LIFTERS	**Pages 128–133**
ACCESSORIES	**Pages 134–135**

2

LIFTERS CHECKLIST

quantity							
load							
product to be carried	trolley yes ☐ no ☐			pallet/ wire cage yes ☐ no ☐			
	<u>if yes:</u>			<u>if no:</u>			
	item no./ brand please send a drawing/photo			appearance of the product please send a drawing/photo			
	size trolley	length	mm	size	length	mm	
		width	mm		width	mm	
	wheel track in the direction of entry		mm				
	under clearance		mm				
	ground clearance		mm				
	wheel diameter		mm				
	wheel width		mm				
	wheel pairing	2 swivel & 2 fixed wheels ☐ 4 swivel wheels ☐ 5 swivel wheels ☐ 3 swivel & 2 fixed wheels ☐ 4 swivel & 2 fixed wheels ☐					
	brake	no ☐					
		yes ☐	how many?				
			where?				
	direction lock	no ☐					
		yes ☐	how many?				
			where?				
	quality of the trolley (for ex. at the bottom of the trolley)	☐ completely flat ☐ drawbar/ pins ☐ angle for RFID-chip or similiar		☐ trolley has a push handle ☐ others			
	If your trolley has one of these specialties, kindly send us a drawing or a photo.						
	others						





working height GOK (upper edge of the forks)	720 mm ☐	920 mm ☐	define the height you need			
power	<u>electric:</u> 230 V/50 Hz ☐ 110 V/50 Hz ☐ battery-operated ☐ others ☐	<u>pneumatic:</u> 4 bar ☐ 6 bar ☐ others ☐		<u>hydraulic:</u> for more than 700 kg ☐		

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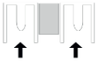
2

loading types	front loading ☐			left side loading ☐			
	right side loading ☐			tandem/ twin ☐			
	gemini ☐			drive through ☐			
	special requirements (rotating into work station) please describe						
position of the trolley	lengthwise ☐	crosswise ☐					
model	stationary ☐	semi-mobile ☐	mobile ☐				
operating elements	hand lever on unit (standard for pneumatic) ☐		push button (optional for pneumatic) ☐				
	panel (standard for electric , optional for pneumatic) ☐		touch screen panel (optional for electric, not possible for pneumatic ☐				
	foot switch (optional for both electric and pneumatic) ☐						
additional functions	sensoric height adjustment * ☐		tilting function ☐				
	automatic mode * ☐		please fill in the version no.				
	for closed box one-piece ☐		a.) manual ☐				
	for "open" wire basket one-piece ☐		b.) electric * ☐				
	trolley load control * ☐		emptying the box ☐				
	protection wall ☐		bumper/ interruption bar * ☐				
	housing incl. security door etc. ☐						

* These additional functions are not available for pneumatic lifters as two energy sources would be needed (pneumatic lifters only up/down, electric with automatic height adjustment)

ESD-ability	no ☐	yes ☐
country of use	please fill in the country code	
	please describe special requirements such as power plug etc.	
colour pneumatic	complete body RAL 9010 (white) powder coated forks galvanized ☐	
	other colours	
colour electric	body RAL 9010 (white) powder coated, hood RAL 4006 (purple) forks galvanized ☐	
	other colours	

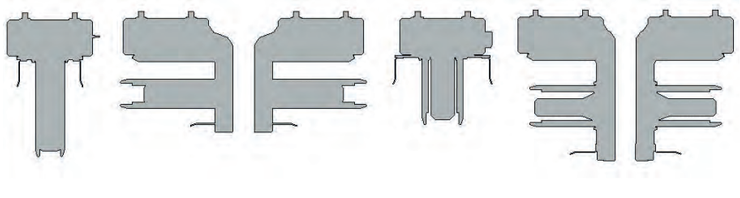
You can find more information about these technical terms on the following pages.

LIFTERS
SHADOW MAPS
6-piece-set

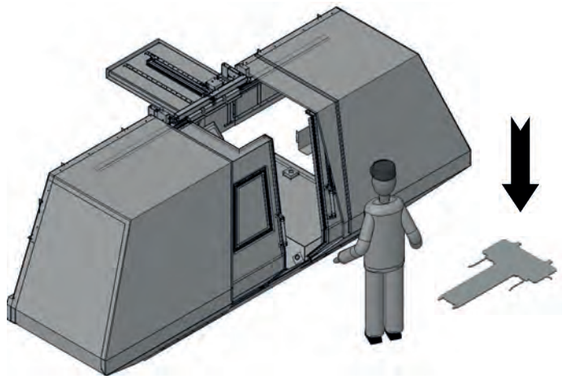
SUPPORT FROM THE START

From the beginning BLOKSMA supports you in the planning process and helps creating your work stations thus making sure that you choose the correct lifter. The 6-piece-set of shadow maps makes it very easy to determine the space required so that the lifters can be planned into your production area.

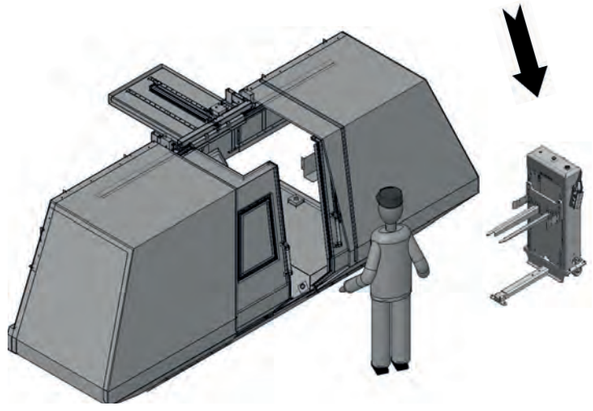
Simply order your 6-piece-set of shadow maps and you have the best decision-making tool.



Put the shadow map on the intended spot at the workstation. Roll the trolley to the planned position. You will quickly notice if the trolley can be pushed onto the forks easily and if the worker can move the parts without any problem. Try different alternatives and study the position of the operating elements and the energy source.



Check the positioning of the lifter, let your employees share the decision and order your optimum lifter from BLOKSMA.



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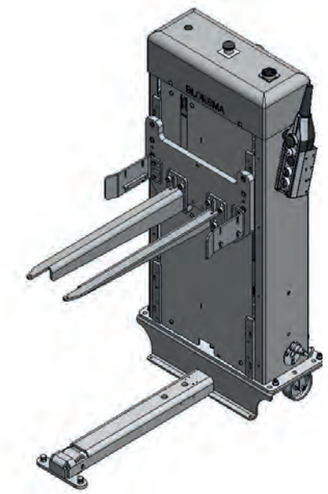
LIFTERS
MOBILITY
mobile • semi-mobile • stationary

WE DISTINGUISH THE FOLLOWING TYPES:

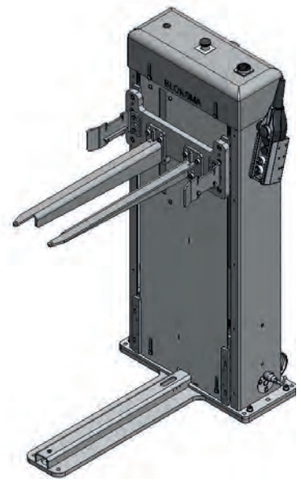
- mobile
- semi-mobile
- stationary

Your decision will determine the design and model.

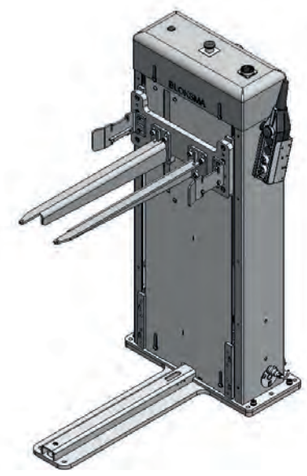
mobile model

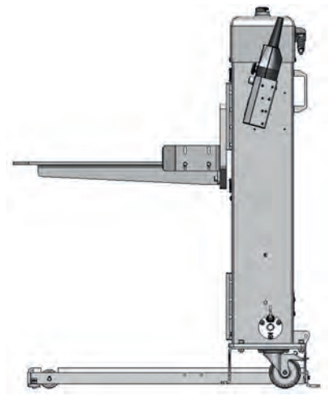


semi-mobile model

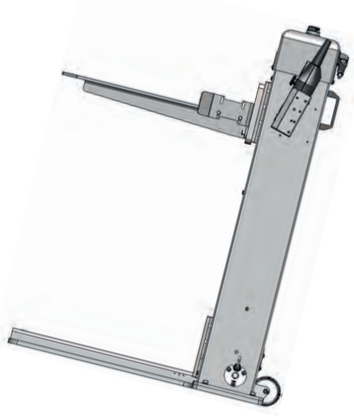


stationary model

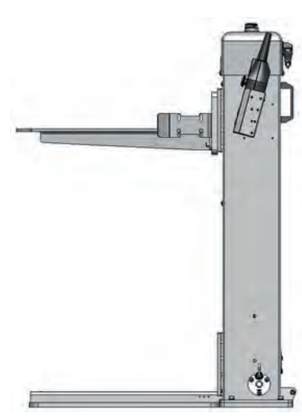




always stands on wheels



tilt backwards for transport functions like a hand cart



without wheels

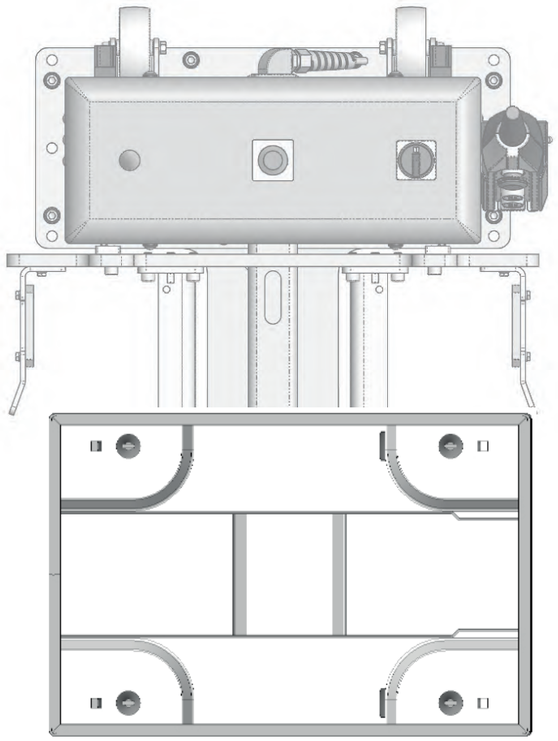
LIFTERS
LOADING DIRECTION
Definition lengthwise / crosswise loading

LOADING CROSSWISE

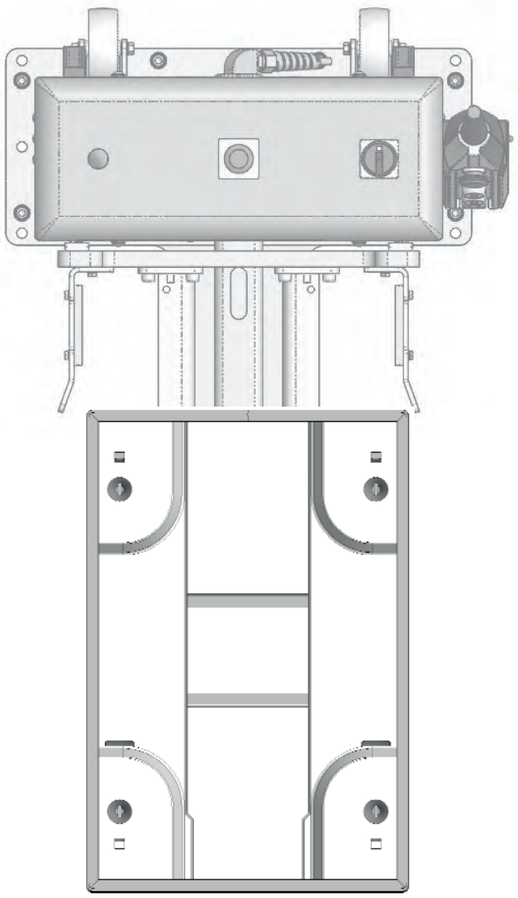
If you push the trolley on the forks of the lifter with the long side first, the loading direction is **CROSSWISE**.

LOADING LENGTHWISE

If you push the trolley on the forks of the lifter with the short side first, the loading direction is **LENGTHWISE**.



Example: Front loading **crosswise**



Example: Front loading **lenthwise**

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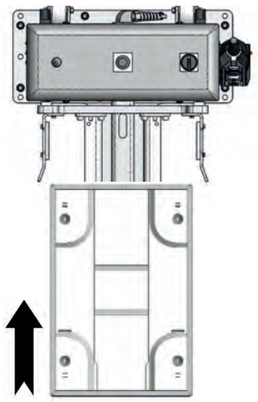
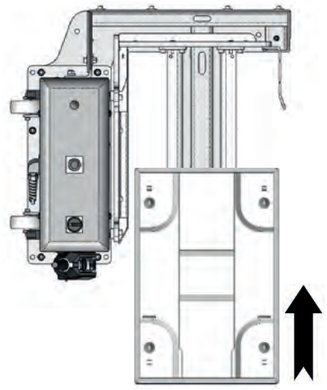
LIFTERS
LOADING TYPE

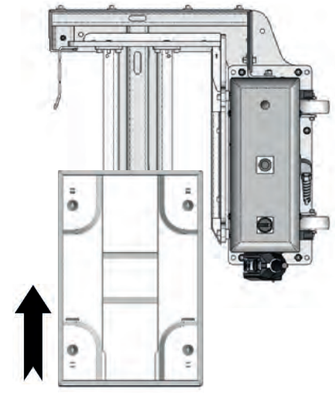
FRONT LOADING



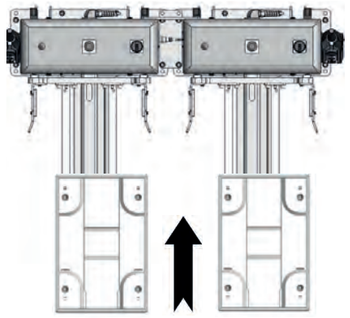
LEFT SIDE LOADING



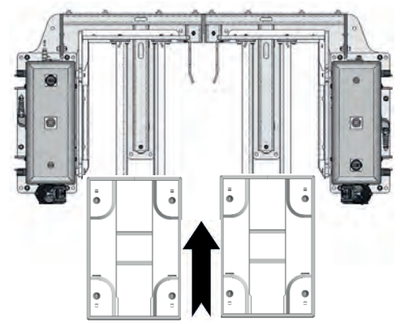
RIGHT SIDE LOADING



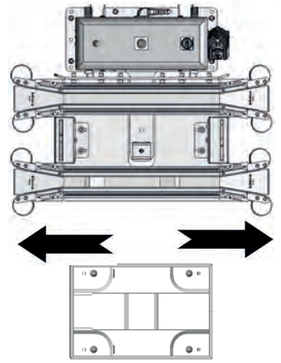
TANDEM



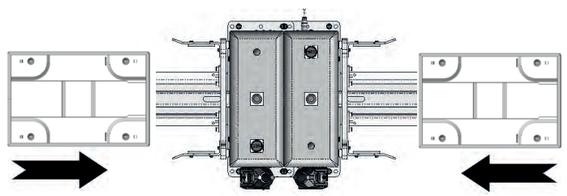
TWIN



DRIVE THROUGH

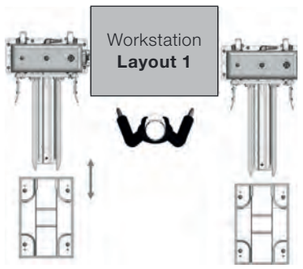


GEMINI FRONT LOADING

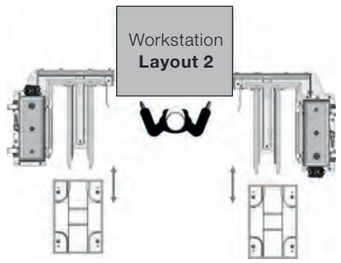


GEMINI SIDE LOADING

LIFTERS
INSTALLATION POSSIBILITES
Workstation layout

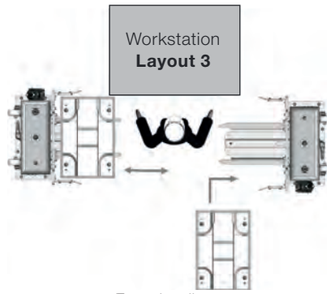


Front loading

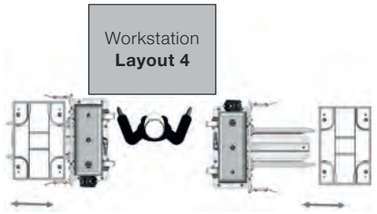


left side loading

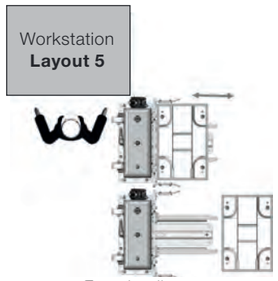
right side loading



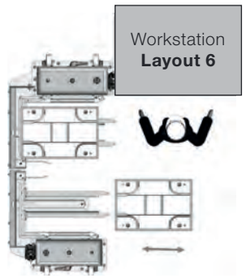
Front loading



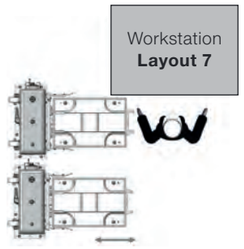
Front loading



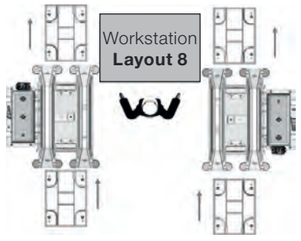
Front loading



Loading left and right

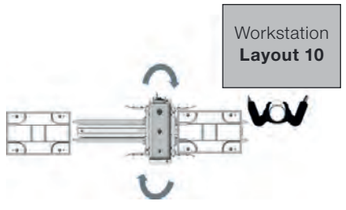


Front loading

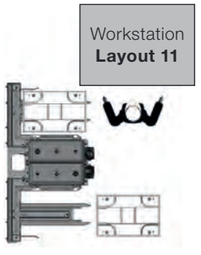


Drive through

Drive through

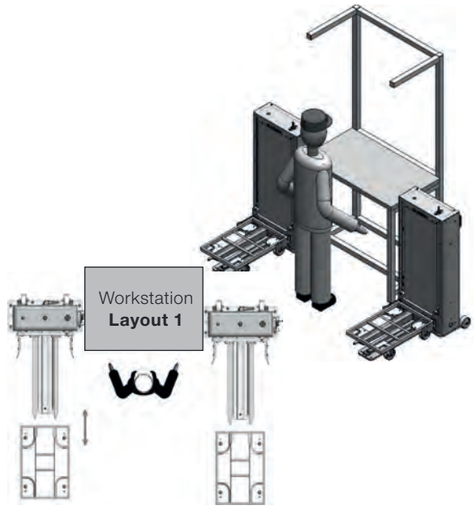


Turning

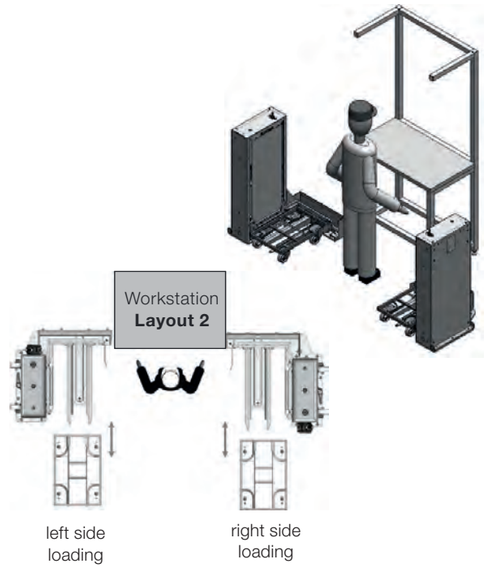


Gemini

Workstation layout	1	2	3	4	5	6	7	8	9	10	11
Front loading lifter	●		●	●	●		●	●	●	●	●
Side loading lifter		●				●					
stationary	●	●	●	●	●	●	●	●	●	●	●
semi-mobile	●	●	●	●	●	●	●	●	●		
mobile	●		●	●	●	●	●	●	●		
tandem lifter						●	●				●
rear taking				●	●						
to pass through is possible								●	●		
to swivel in work area										●	●
exchange by system provider	●	●		●	●			●	●	●	●



Front loading



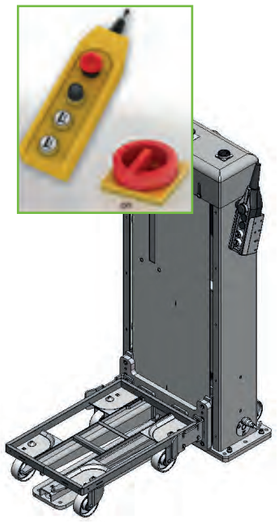
left side loading

right side loading

LIFTERS
CONTROL ELEMENTS
Make your choice

hand lever on the machine

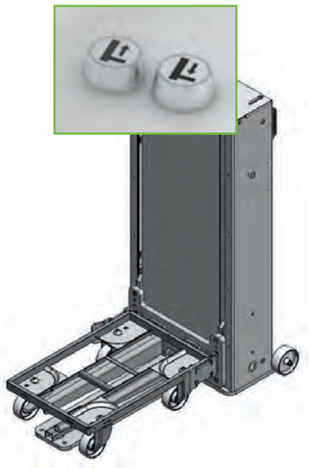
sensoric height adjustment (automatic)



portable control panel

portable touch panel*

foot switch



buttons on the lifter

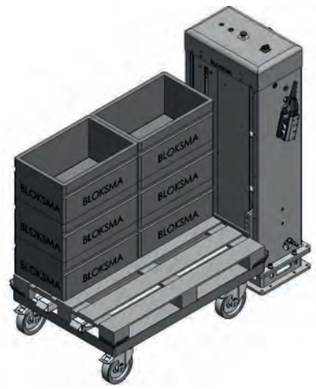
* This option is not available with pneumatic lifters as 2 energy sources would have to be installed.

LIFTERS
THE SENSOR TECHNOLOGY

SENSORIC HEIGHT ADJUSTMENT

Lifting devices with sensoric height adjustment as a standard dispose of a point sensor reaching items withing 300 mm.
It recognizes one-piece closed containers. Other sensors are available on request.

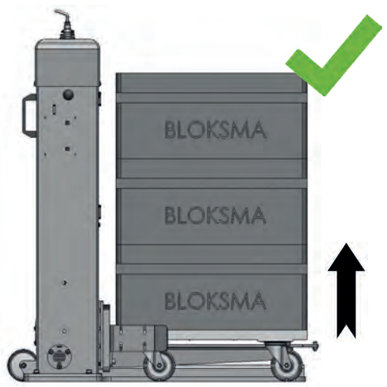
Warning: For several containers (next to each other and / or behind each other) attention must be paid to the range and position of the sensor. Under certain circumstances two sensors may be necessary. In addition the order of removal or loading is to be considered.



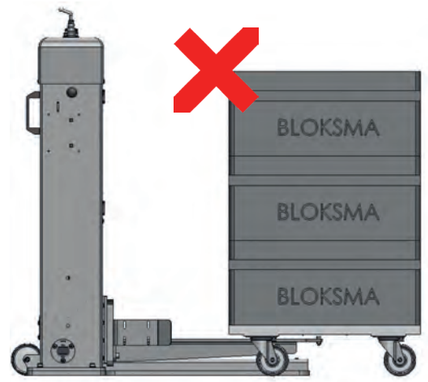
Not useful – because the content (level) of the container for the sensor is not recognizable.

TROLLEY-DELAY CONTROL

Safety precaution – if the trolley is not fully pushed onto the load receiver, lifting is not possible



The trolley is completely pushed onto the forks therefor lifting is possible.



The trolley is not completely pushed onto the forks therefor lifting is impossible.

LIFTERS
TYPES OF POWER

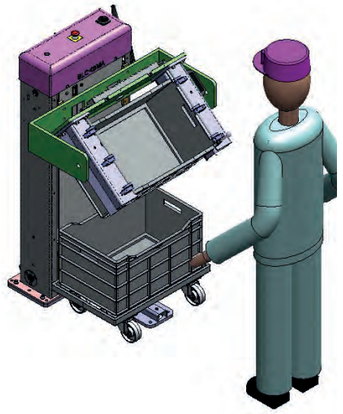
ELECTRIC
- Sensoric height adjustment and further accessories are possible
- Different speeds are available

PNEUMATIC
- Lower price than Electric
- Suggested when simple moving up and down is asked for

BATTERY
- More mobility, not possible in pneumatic - electricity is needed
- Electric and pneumatic cables can be tripping hazards
- Ideal for the serving of shelfs, higher level of freedom

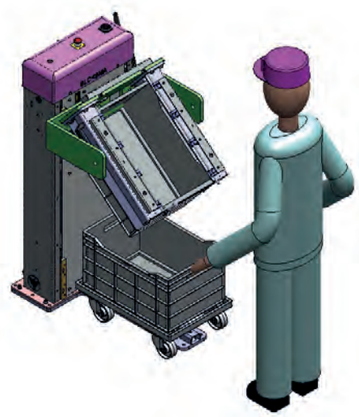
HYDRAULIC
- Ideal for lifting heavy loads
- Mostly used for lifting of containers with large-size products

LIFTERS TILTING POSSIBILITIES
FRONT LOADING



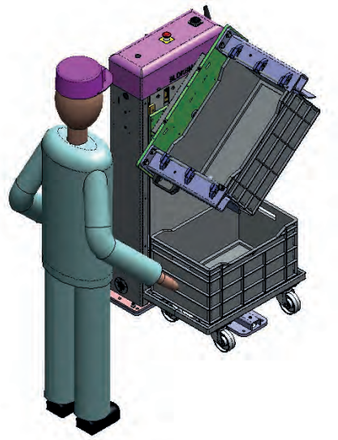
V1

front loading crosswise, tilting to the front



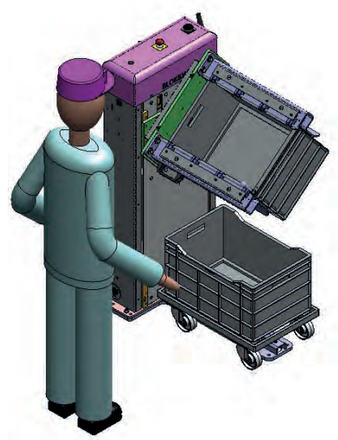
V2

front loading lengthwise, tilting to the front



V3

front loading crosswise, tilting to the left side

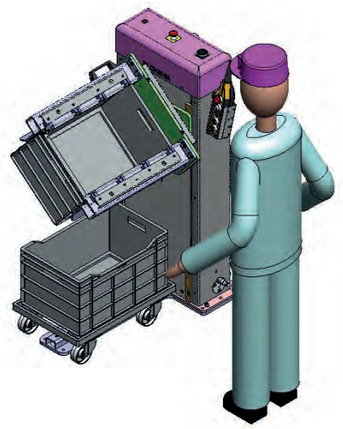


V4

front loading lengthwise, tilting to the left side

V5

front loading crosswise, tilting to the right side

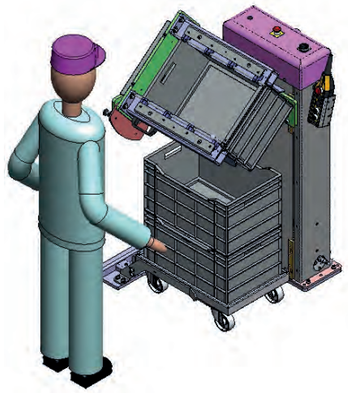


V6

front loading lengthwise, tilting to the right side

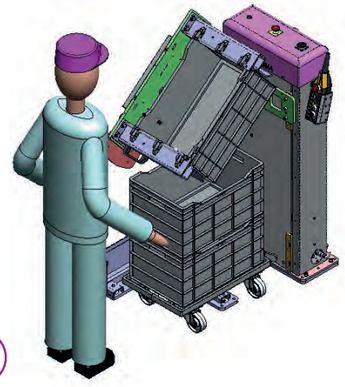
Other models / dimensions on request
Subject to technical changes

LIFTERS TILTING POSSIBILITIES
RIGHT SIDE LOADING



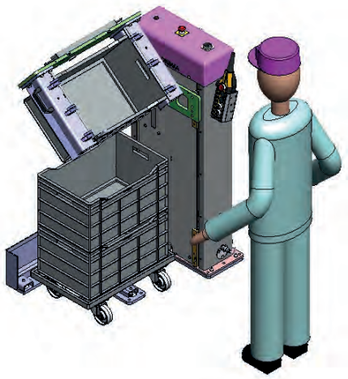
V7

Right side loading, lengthwise, tilting to the front



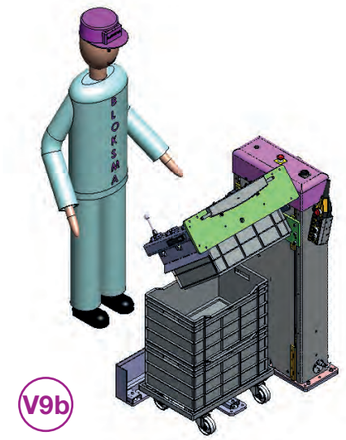
V8

Right side loading, crosswise, tilting to the front



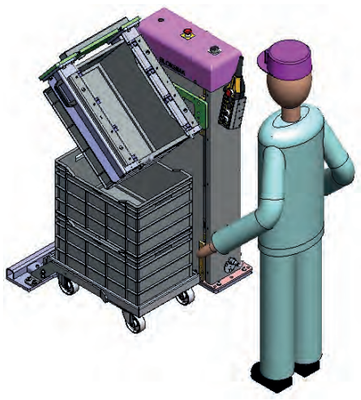
V9a

Right side loading, crosswise, tilting to the right



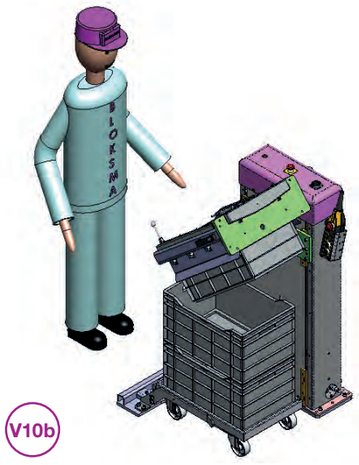
V9b

Right side loading, crosswise, tilting to the left



V10a

Right side loading, lengthwise, tilting to the right

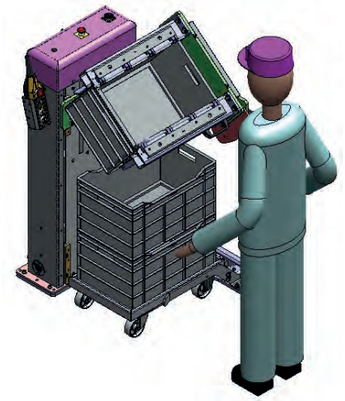


V10b

Right side loading, lenghtwise, titlting to the left

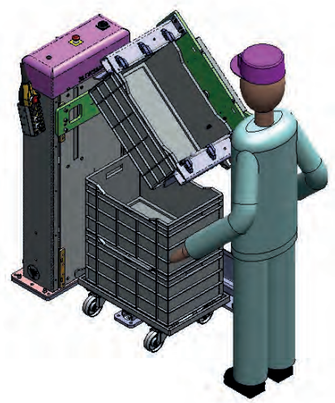
Other models / dimesions on request
Subject to technical changes

LIFTERS TILTING POSSIBILITIES
LEFT SIDE LOADING



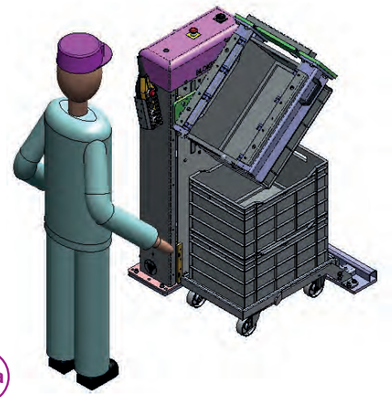
V11

Left side loading, lengthwise, tilting to the front



V12

Left side loading, crosswise, tilting to the front

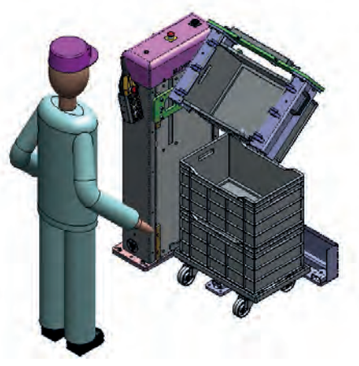


V13a

Left side loading, lengthwise, tilting to the left

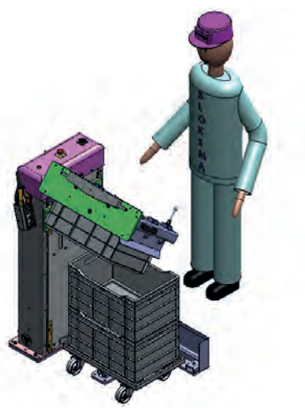
V13b

Left side loading, lengthwise, tilting to the right



V14a

Left side loading, crosswise, tilting to the left



V14b

Left side loading, crosswise, tilting to the right

Other models / dimensions on request
Subject to technical changes

LIFTERS
FRONT LOADING
trolley is pushed onto the forks lengthwise

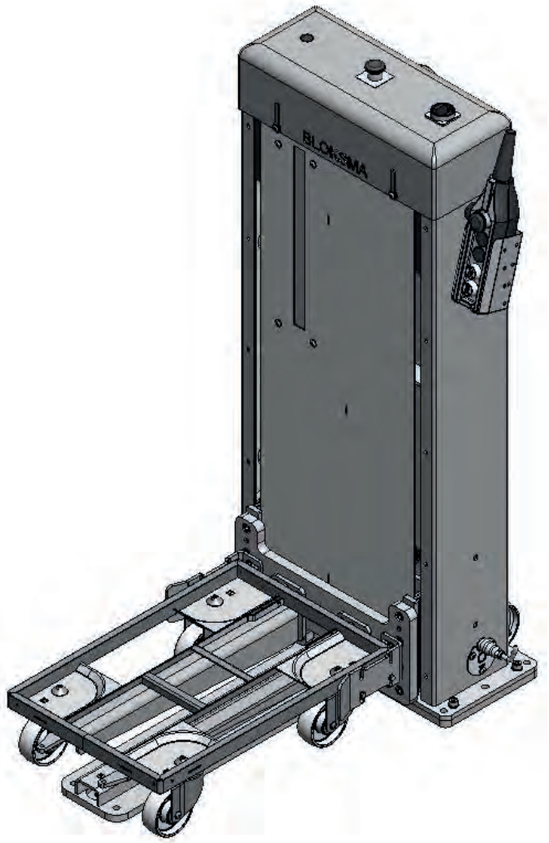
HES-F / HET-F / HEM-F

OPTIONAL

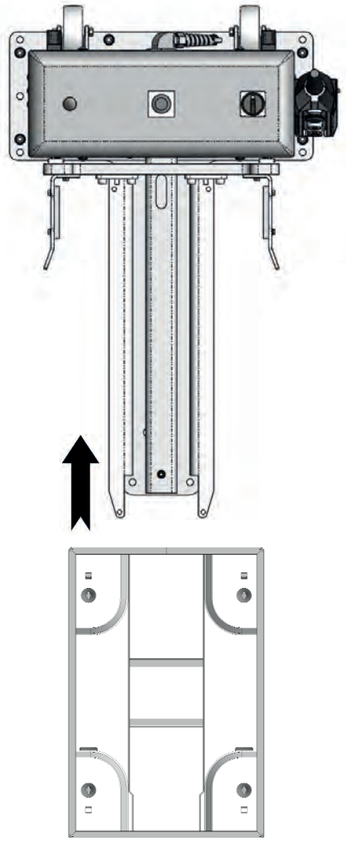
- Sensoric height adjustment
- trolley load control
- Protection walls , bumper etc.
- Stationary lifters available

Scan me

additional functions



picture: semi-mobile lifter



Loading direction lengthwise

Other models / dimesions on request
Subject to technical changes

BLOKSMA

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations or machines. The lifter is front loading and the trolley is pushed onto the forks lengthwise. The load capacity is 200kg, 300kg or 500kg and the lifter has a working height of 715mm, resp. 935mm. It is manufactured as mobile, semi-mobile or stationary.

The connection wattage is 230V/50HZ with 16A security. The average lifting speed is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifiting capacity	lift height on level (GOK)
141029	144142	142570	203251	200 kg	715 mm
141030	144764	142571	200683		935 mm
141031	144143	142572	207597	300 kg	715 mm
141032	143782	142573	207992		935 mm
141035	210920	142576	210968	500 kg	715 mm
141036	210921	142577	210969		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141037	210922	142578	210970	200 kg	715 mm
141038	210923	142579	210971		935 mm
141039	210924	142580	210972	300 kg	715 mm
141040	210925	142581	210973		935 mm
141043	210926	142584	210974	500 kg	715 mm
141044	210927	142585	210975		935 mm

Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimensions on request
Subject to technical changes

LIFTERS
FRONT LOADING
trolley is pushed onto the forks crosswise

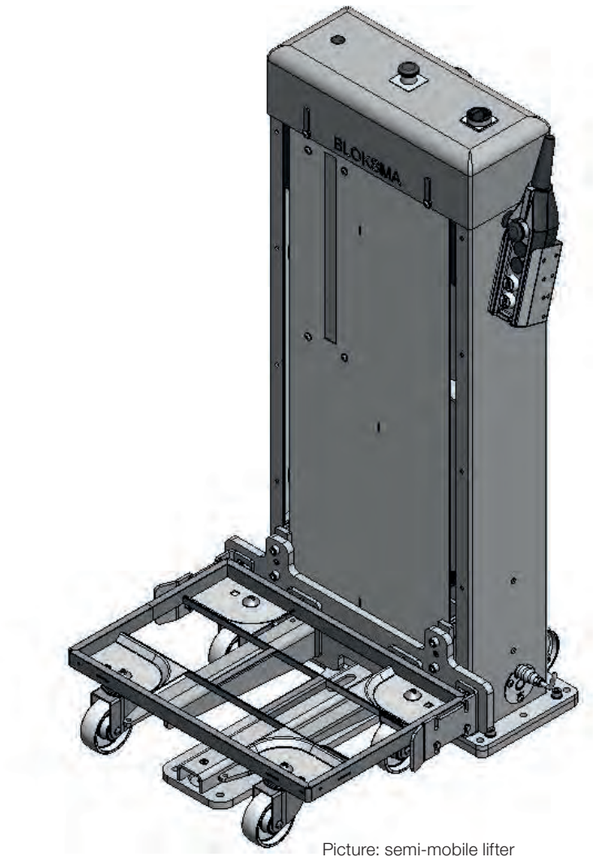
HES-F / HET-F / HEM-F

OPTIONAL

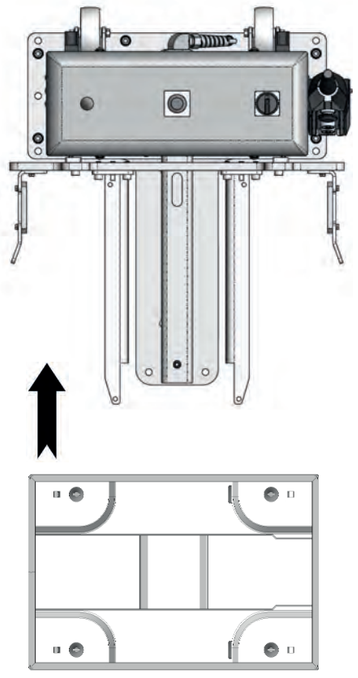
- Sensoric height adjustment
- trolley load control
- Protection walls , bumper etc.
- Stationary lifters available

Scan me

Additional functions



Picture: semi-mobile lifter



Loading crosswise

Other models / dimesions on request
Subject to technical changes

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations or machines. This is a frontloading lifter and the trolley is pushed onto the forks crosswise. The load capacity is 200, 300 or 500kg and the lifter has a working height of 715 resp. 935mm. It is manufactured as mobile, semi-mobile or stationary.

The connection wattage is 230V/50HZ with 16A security. The average lifting speed is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR TROLLEY BOF/BOZ CROSSWISE 600x400mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141045	144395	142555	210976	200 kg	715 mm
141046	210928	142554	206194		935 mm
141047	144146	142556	210977	300 kg	715 mm
141048	144148	142557	210978		935 mm
141051	210929	142560	210979	500 kg	715 mm
141052	210930	142561	210980		935 mm

FOR TROLLEY BOF/BOZ CROSSWISE 800x600mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141053	210931	142562	210981	200 kg	715 mm
141054	205269	142563	210982		935 mm
141055	210932	142564	210983	300 kg	715 mm
141056	207804	142565	210984		935 mm
141059	210933	142568	210985	500 kg	715 mm
141060	210934	142569	210986		935 mm

USA

Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimensions on request
Subject to technical changes

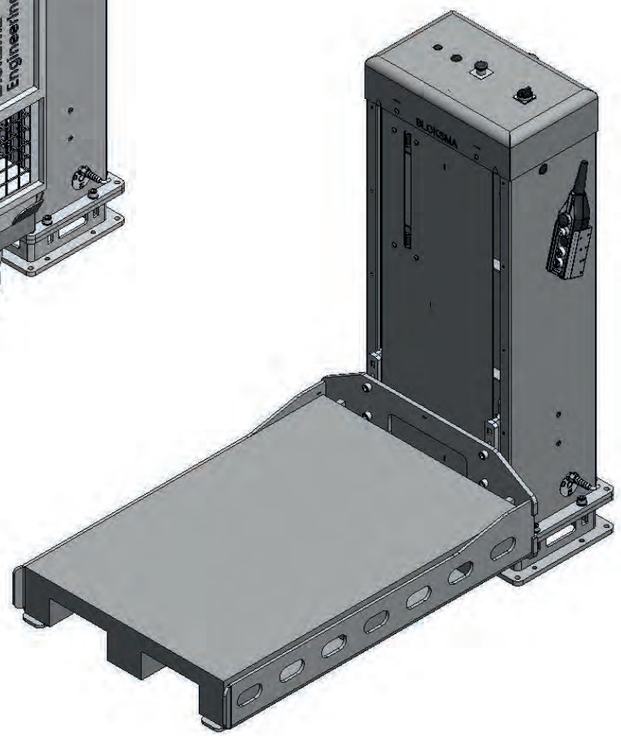
LIFTERS
FRONT LOADING
Heavy loads/Pallet sizes

HES-F

OPTIONAL

- Sensoric height adjustment (available on request)

Forks for a large-size trolley



Forks for a pallet / cage pallet
Loaded onto the forks by a forklift (or other industrial trucks)

Other models / dimesions on request

BLOKSMA

This lifter is designed to move up and down fully loaded trolleys or pallets. Thes lifter in the picture is a frontloading model and the trolley is pushed onto the forks manually or by a forklift. The load capacity is 600kg–1000kg and has a working height GOK of 935mm. Lifters for heavy loads are stationary and must be dowelled to the floor.

The connection wattage is 230V/50HZ with 16A security. The average lift is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The standard control element is an external operation panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR BLOKSMA TROLLEY

stationary	size of trolley	lifting capacity	lift height on level (GOK)
202265	1,200x800mm	600kg	920 mm
210935	1,200x800mm	1,000kg	920 mm

LOADING BY LIFT TRUCK OR FORKLIFT

stationary	size of pallet	lifting capcity	lift height on level (GOK)
210936	1,200x800mm	600kg	920 mm
147898	1,200x800mm	1,000kg	920 mm

Please Note: Lifters used in the US may have different connection values (110V) and different article numbers.
Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimensions on request

LIFTERS
RIGHT SIDE LOADING
trolley is pushed onto the forks lengthwise

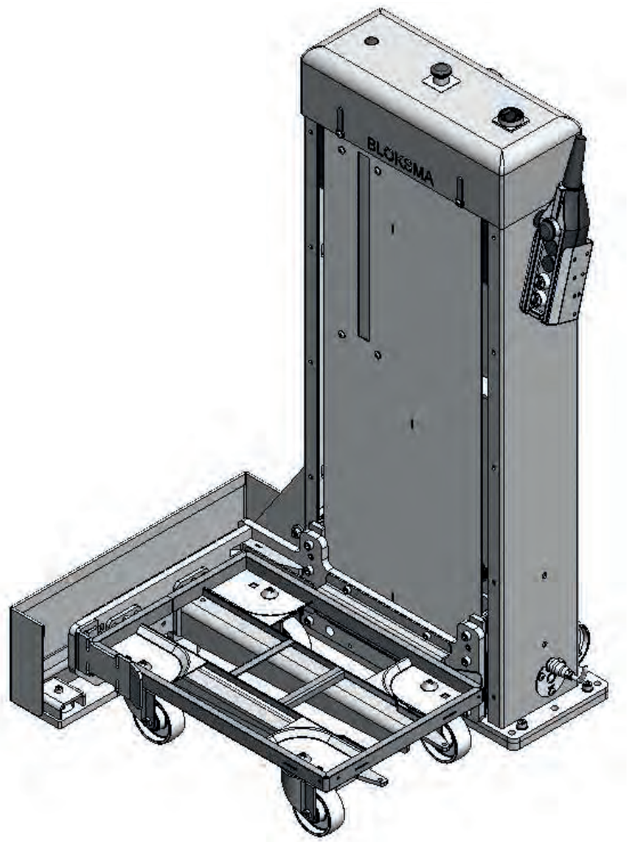
HES-R / HET-R / HEM-R

OPTIONAL

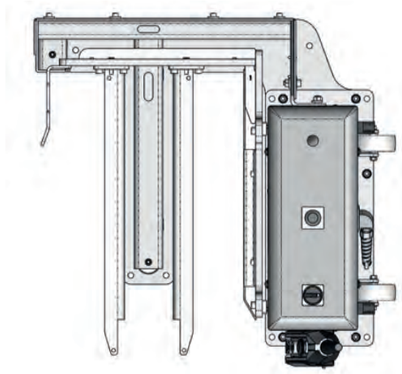
- Sensoric height adjustment
- trolley load control
- Stationary lifters available

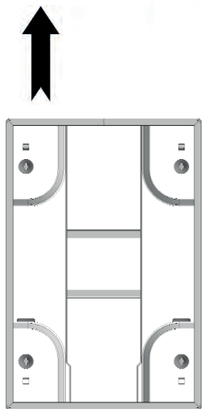
Scan me

Additional functions



Picture: semi-mobile lifter





Loading direction lengthwise

BLOKSMA

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations and machines. This lifter is right side loading and the trolley is pushed onto the forks lengthwise. The load capacity is 200 kg, 300 kg or 500 kg and the lifter has a working height of 715 mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The connection wattage is 230V/50HZ with 16A security. The average lift is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF and BOZ and is pushed onto the forks lengthwise.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capcity	lift height on level (GOK)
141061	**144149**	**142540**	**204646**	200 kg	715 mm
141062	**144766**	**142541**	**210987**		935 mm
141063	**144151**	**142542**	**203880**	300 kg	715 mm
141064	**143784**	**142543**	**208192**		935 mm
202747	**210937**	on request	on request	500 kg	715 mm
202748	**210938**	on request	on request		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141067	**210939**	**142544**	**210988**	200 kg	715 mm
141068	**210940**	**142545**	**210989**		935 mm
141069	**210941**	**142546**	**210990**	300 kg	715 mm
141070	**208512**	**142547**	**210991**		935 mm
202753	**210942**	on request	on request	500 kg	715 mm
202754	**210943**	on request	on request		935 mm

Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimensions on request
Subject to technical changes

LIFTERS
RIGHT SIDE LOADING
trolley is pushed onto the forks crosswise

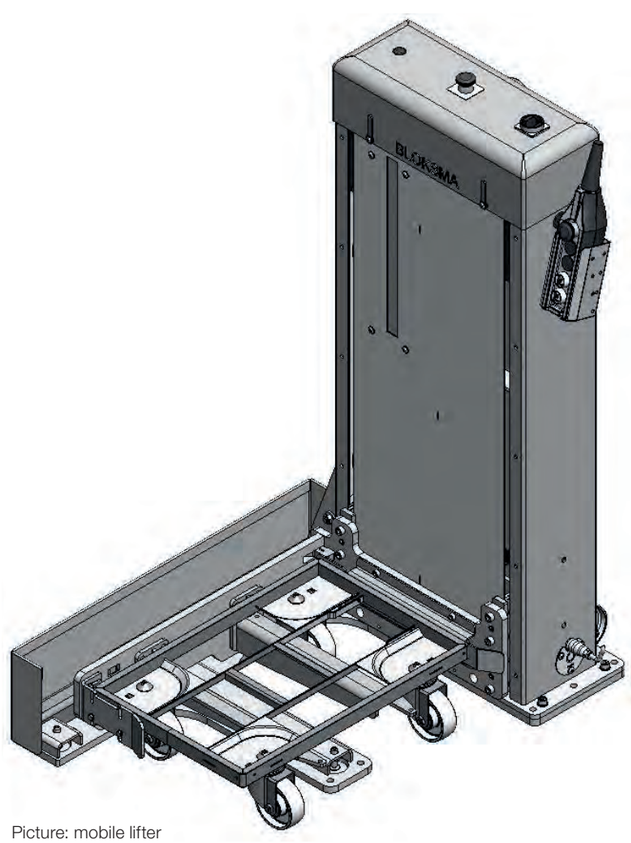
HES-R / HET-R / HEM-R

OPTIONAL

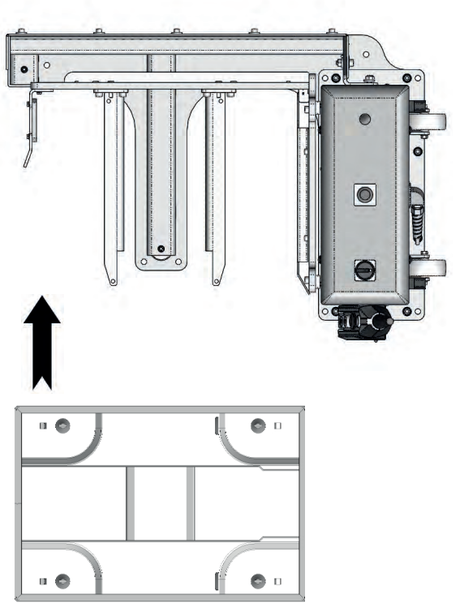
- Sensoric height adjustment
- trolley load control
- Stationary lifters available

Scan me

Additional functions



Picture: mobile lifter



Loading direction crosswise

Other models / dimesions on request

BLOKSMA

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations and machines. This lifter is intended for right side loading and the trolley is pushed onto the forks crosswise. The load capacity is 200kg, 300kg or 500kg and the lifter has a working height of 715 mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The connection wattage is 230V/50HZ with 16A security. The average lift is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ pushed crosswise onto the forks.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR TROLLEY BOF/BOZ CROSSWISE 600x400mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141073	**144152**	**142532**	**210992**	200 kg	715 mm
141074	**145005**	**142533**	**210993**		935 mm
141075	**144154**	**142534**	**210994**	300 kg	715 mm
141076	**145006**	**142535**	**210995**		935 mm
202760	**210944**	on request	on request	500 kg	715 mm
202761	**210945**	on request	on request		935 mm

FOR TROLLEY BOF/BOZ CROSSWISE 800x600mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141079	**210946**	**142536**	**210996**	200 kg	715 mm
141080	**210947**	**142537**	**210997**		935 mm
141081	**210948**	on request	on request	300 kg	715 mm
141082	**210949**	on request	on request		935 mm
202766	**210950**	on request	on request	500 kg	715 mm
202767	**210951**	on request	on request		935 mm

Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimensions on request

LIFTERS
LEFT SIDE LOADING
trolley is pushed onto the forks lengthwise

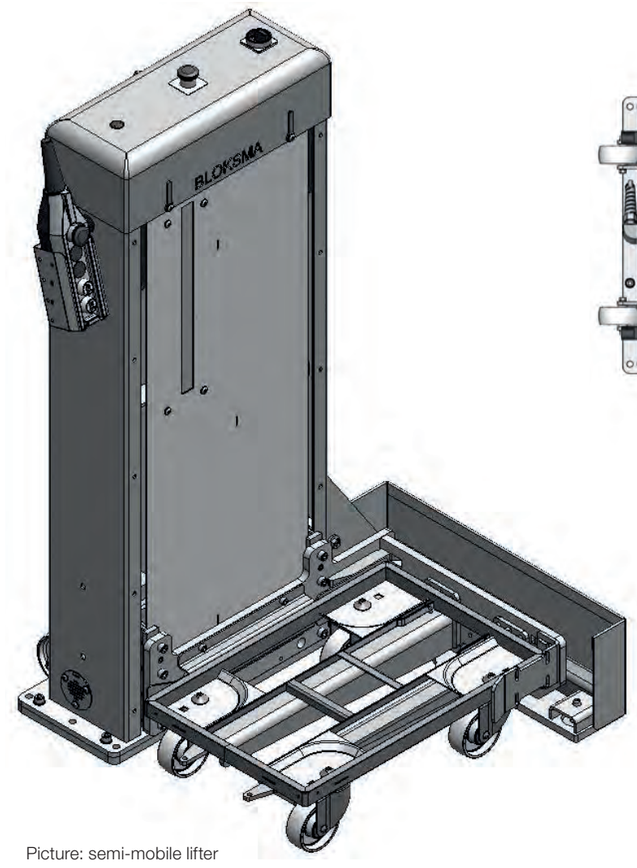
HES-L / HET-L / HEM-L

OPTIONAL

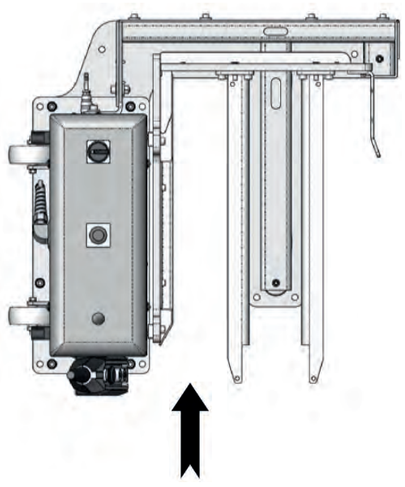
- Sensoric height adjustment
- trolley load control
- Stationary lifters available

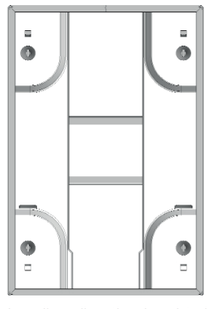
Scan me

Additional functions



Picture: semi-mobile lifter





Loading direction lenghtwise

BLOKSMA

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations and machines. This lifter is intended for left side loading and the trolley is pushed onto the forks lengthwise. The load capacity is 200kg, 300kg or 500kg and the lifter has a working height of 715 mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The connection wattage is 230V/50HZ with 16A security. The average lift is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ pushed crosswise onto the forks.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141085	**144136**	**142524**	**204647**	200 kg	715 mm
141086	**144765**	**142525**	**210998**		935 mm
		142526			
141087	**144137**	**142527**	**207596**	300 kg	715 mm
141088	**143783**	on request	**208191**		935 mm
202772	**210952**	on request	on request	500 kg	715 mm
202773	**210953**	on request	on request		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capacity	lift height on level (GOK)
141091	**210954**	**142528**	**210999**	200 kg	715 mm
141092	**210955**	**142529**	**211000**		935 mm
141093	**210956**	**142530**	**211001**	300 kg	715 mm
141094	**210957**	**142531**	**211002**		935 mm
202778	**210958**	on request	on request	500 kg	715 mm
202779	**210959**	on request	on request		935 mm

USA

Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

LIFTERS
LEFT SIDE LOADING
trolley is pushed onto the forks crosswise

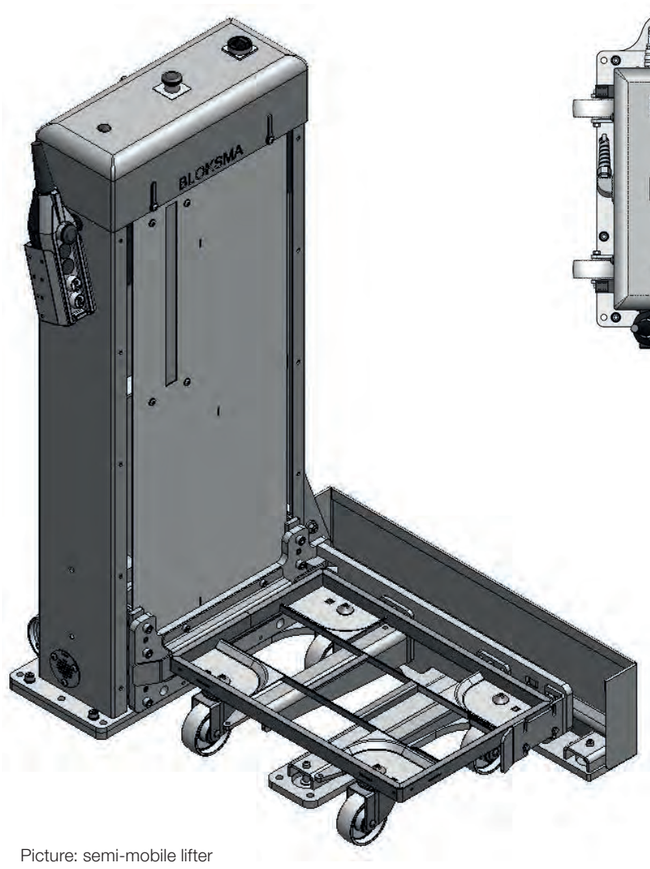
HES-L / HET-L / HEM-L

OPTIONAL

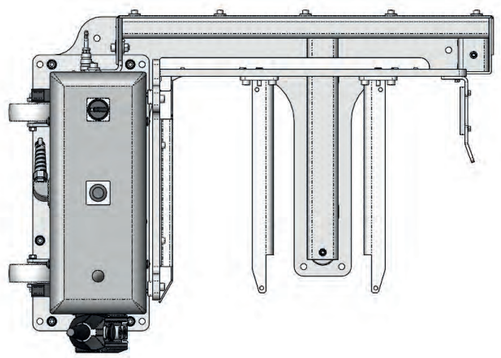
- Sensoric height adjustment
- trolley load control
- Stationary lifters available

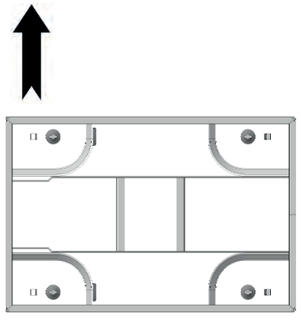
Scan me

Additional functions



Picture: semi-mobile lifter





Loading direction crosswise

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations and machines. This lifter is intended for left side loading and the trolley is pushed onto the forks crosswise. The load weight is 200 kg, 300 kg or 500 kg and the lifter has a working height of 715 mm or 935mm. It is produced as mobile, semi-mobile or stationary.

The connection wattage is 230V/50HZ with 16A security. The average lifting speed is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ pushed crosswise onto the forks.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR TROLLEY BOF/BOZ CROSSWISE 600x400mm

partly monile	semi-mobile sensor system	mobile	mobile sensorik	lifting capacity	lift height on level (GOK)
141097	**144139**	**142516**	**211003**	200 kg	715 mm
141098	**144140**	**142517**	**211004**		935 mm
141099	**144141**	**142518**	**211005**	300 kg	715 mm
141100	**144942**	**142519**	**211006**		935 mm
202784	**210960**	on request	on request	500 kg	715 mm
202785	**210961**	on request	on request		935 mm

FOR TROLLEY BOF/BOZ CROSSWISE 800x600mm

semi-mobile	semi-mobile sensor system	mobile	mobile sensor system	lifting capcity	lift height on level (GOK)
141103	**210962**	**142520**	**211007**	200 kg	715 mm
141104	**210963**	**142521**	**211008**		935 mm
141105	**210964**	on request	on request	300 kg	715 mm
141106	**210965**	on request	on request		935 mm
202790	**210966**	on request	on request	500 kg	715 mm
202791	**210967**	on request	on request		935 mm

USA

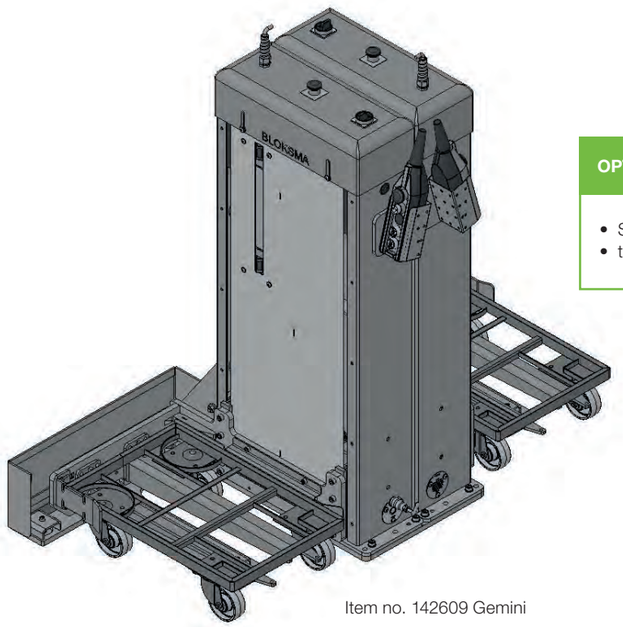
Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimesions on request
Subject to technical changes

Other models / dimensions on request
Subject to technical changes

LIFTERS
GEMINI AND TANDEM

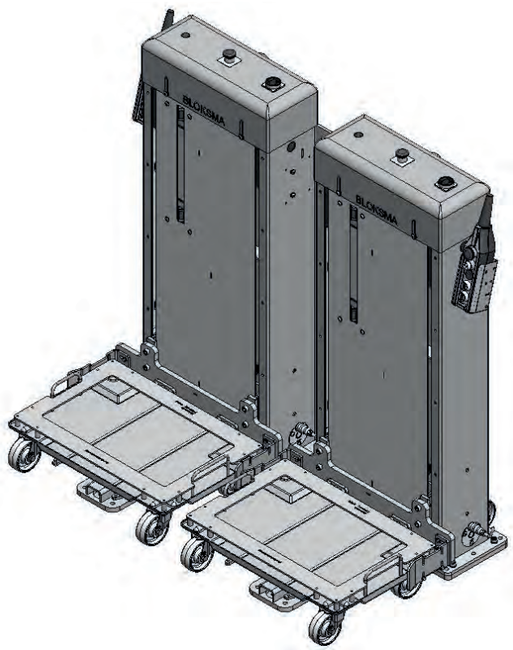
HES-G / HES-T



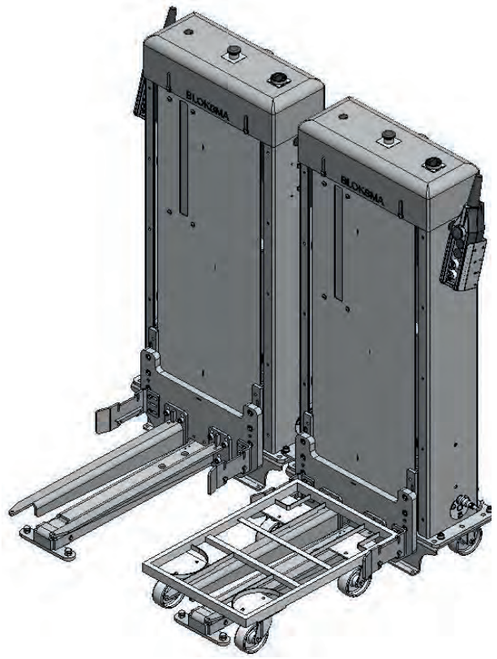
Item no. 142609 Gemini

OPTIONAL

- Sensoric height adjustment
- trolley load control



Item no. 201171 Tandem
trolley is pushed onto the forks crosswise



Item no. 147827 Tandem
trolley is pushed onto the forks lengthwise

Other models / dimesions on request

This lifter is designed to lift and lower fully loaded trolleys for ergonomic working at assembly work stations or machines. The weight capacity is 200 kg–300 kg per side and has a working height of 935mm. This lifter must be stationary.

The connection wattage is 230V/50HZ with 16A security. The average lifting speed is 31mm/s (upon request 47mm/s and other speeds are possible). The energy requirement per model lies between 0.25kW and 1.1kW.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

GEMINI

stationary	size of trolley	direction of load capacity	lifting capacity	lift height on level (GOK)
142609	600x400mm 630x430mm	lengthwise	200 kg on each side	935mm
145147	600x400mm 630x430mm	lengthwise	300 kg on each side	935mm

TANDEM STATIONARY

stationary	size of trolley	direction of load capacity	lifting capacity	lift height on level (GOK)
201171	600x400mm 630x430mm	crosswise	200 kg	935mm
147827	600x400mm 630x430mm	lengthwise	200 kg	935mm

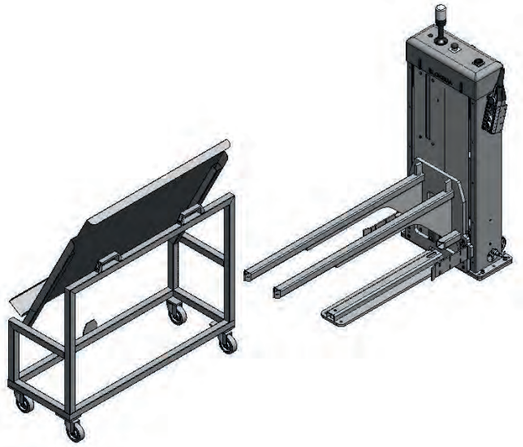
Scan me

Video

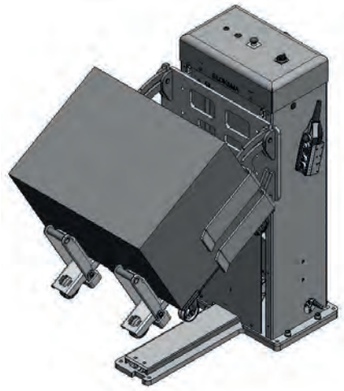
Please Note: Lifters used in the US may have different connection values (110V) and different article numbers. Please fill out the check list provided and let us know your desired connection voltage.

Other models / dimensions on request

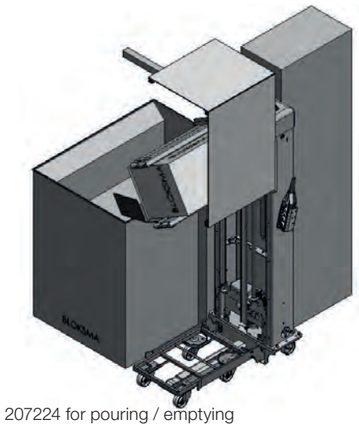
ELECTRIC LIFTERS
FURTHER VARIATIONS I



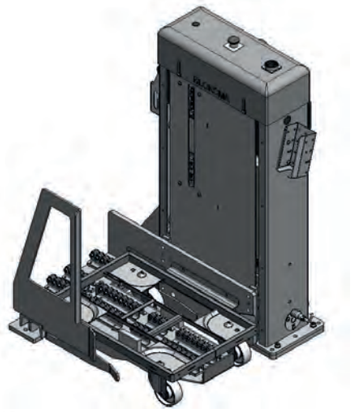
Item no. 208996



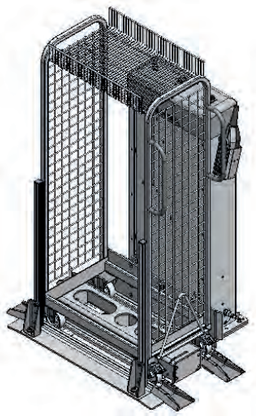
Item no. 205410



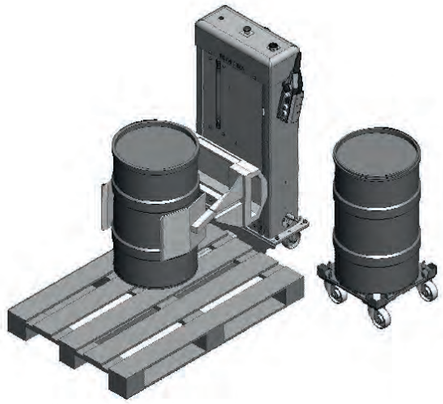
Item no. 207224 for pouring / emptying



Item no. 209812



Item no. 147596

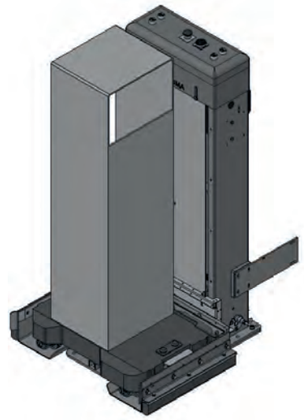


Item no. 104725 with gripper for barrels

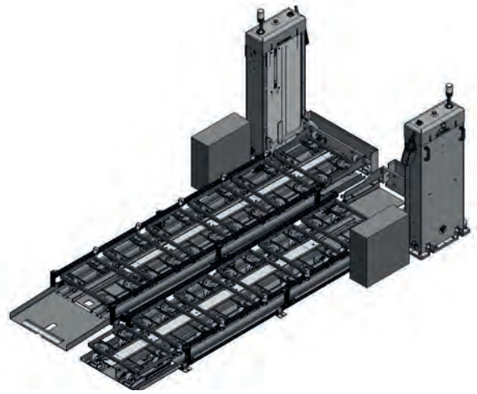
Other models / dimesions on request
Subject to technical changes

ELECTRIC LIFTERS
FURTHER VARIATIONS II

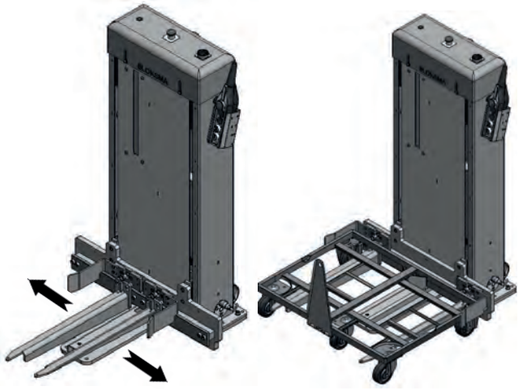
Item no. 208915 with scales



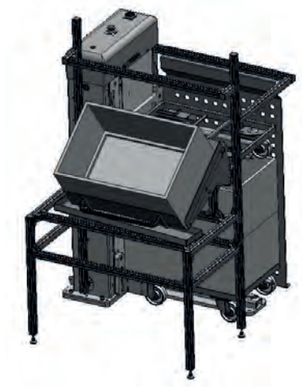
Item no. 211311 with mounting device



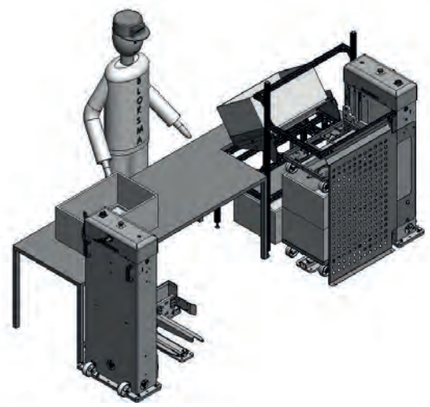
Item no. 211060 with automated refill rails



Item no. 210530A with adjustable forks



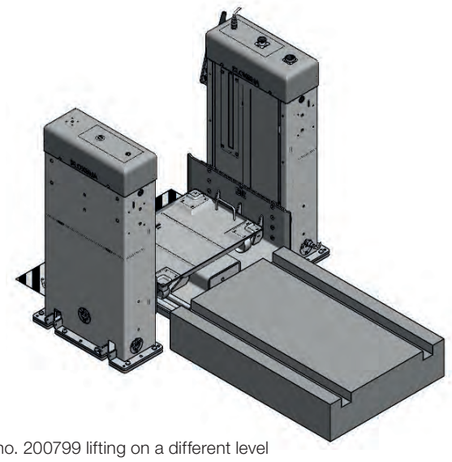
Item no. 203255 with tiltable mounting table



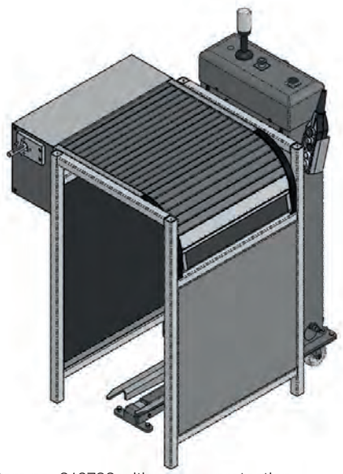
Exemplary workstation layout

Other models / dimensions on request
Subject to technical changes

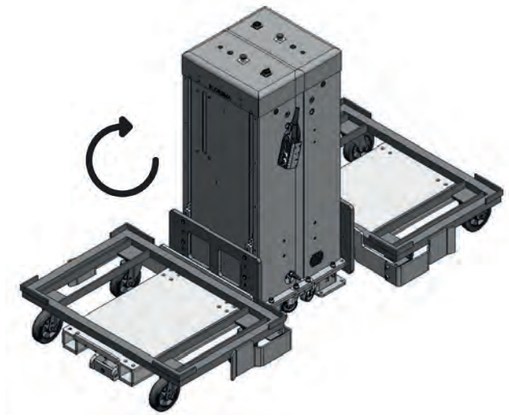
ELECTRIC LIFTERS
FURTHER VARIATIONS III



Item no. 200799 lifting on a different level

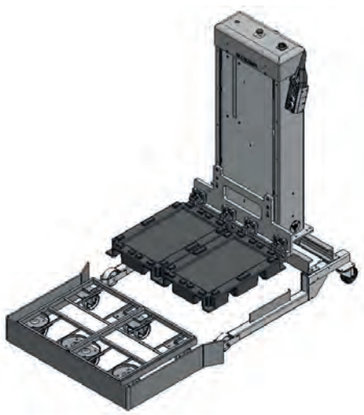


Item no. 210732 with access protection



Item no. 209170 rotatable Gemini

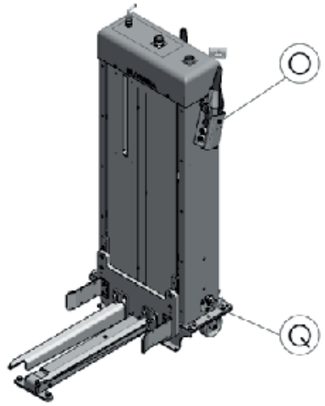
Item no. 209170 swivel into the mounting area

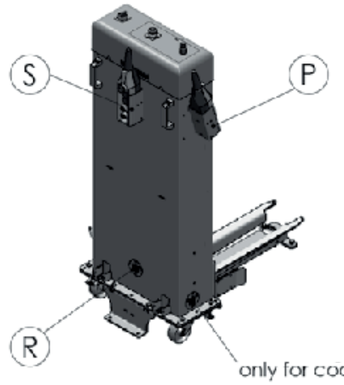


Item no. 211490 Rollover

Other models / dimesions on request

DATASHEET LIFTERS
FRONT
Connection possibilities





operating panel position

electrical connection 230

	Q	R
O	X	X
P	X	X
S	X	X

STANDARD

Lifting unit, front cover
Powder-coated RAL9010
Hood RAL 4006
Lifting device galvanized
Operation panel position ‚O‘
Electric connection ‚Q‘
Electric cable 2.5m
Operation panel cable 3.5m

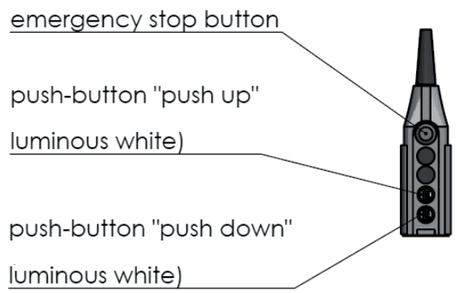
Options for panel positions
O: top right side
P: top left side
S: top middle back

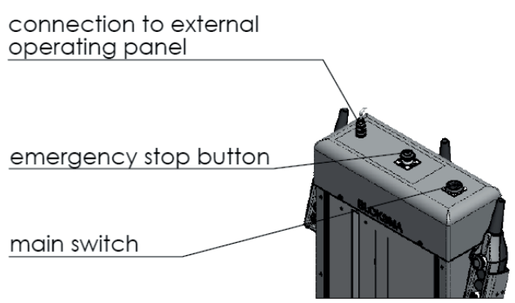
Electric connection 230V/50Hz
Q: bottom right side
R: bottom middle back

Main switch on top of the lifter right

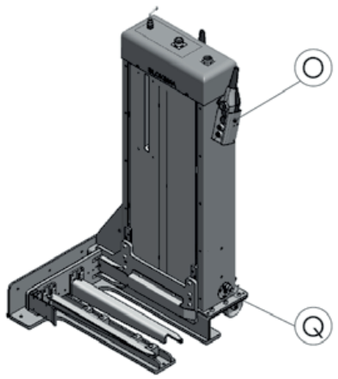
Emergency Stop push button
top middle
and on the external panel

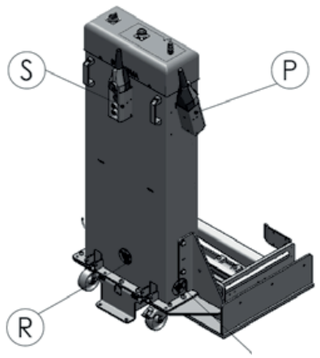
external operating panel





DATENBLATT LIFTERS
RIGHT SIDE LOADING
Anschlussmöglichkeiten





only for cooling motor

operating panel position

electrical connection 230

	Q	R
O	X	X
P	X	X
S	X	X

STANDARD

Lifting unit, front cover
Powder-coated RAL9010
Hood RAL 4006
Lifting device galvanized
Operation panel position ‚O'
Electric connection ‚Q'
Electric cable 2.5m
Operation panel cable 3.5m

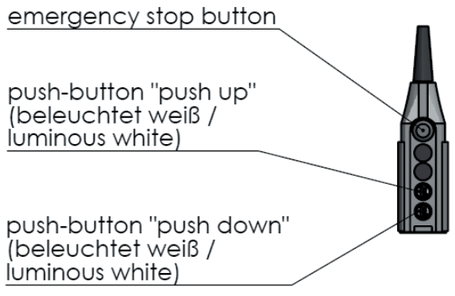
Options for panel positions
O: top right side
P: top left side
S: top middle back

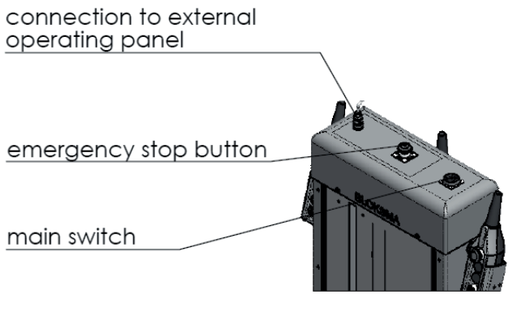
Electric connection 230V/50Hz
Q: bottom right side
R: bottom middle back

Main switch on top of the lifter right

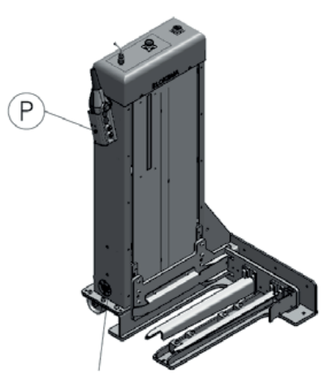
Emergency Stop push button
top middle
and on the external panel

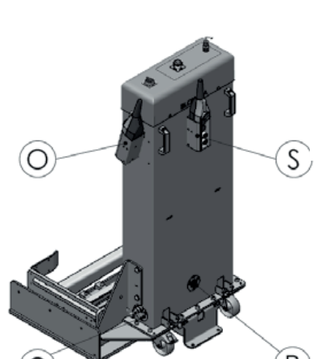
external operating panel





DATA SHEET LIFTERS
RIGHT SIDE LOADING
Connection possibilities





operating panel position

electrical connection 230

	Q	R
O	X	X
P	X	X
S	X	X

only for cooling motor

STANDARD

Lifting unit, front cover
Powder-coated RAL9010
Hood RAL 4006
Lifting device galvanized
Operation panel position ‚O'
Electric connection ‚Q'
Electric cable 2.5m
Operation panel cable 3.5m

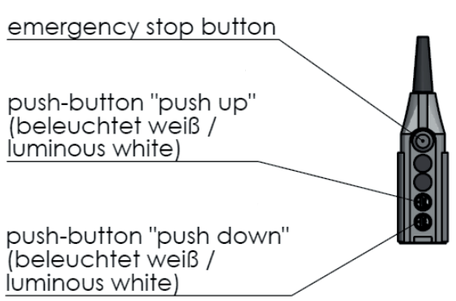
Options for panel positions
O: top right side
P: top left side
S: top middle back

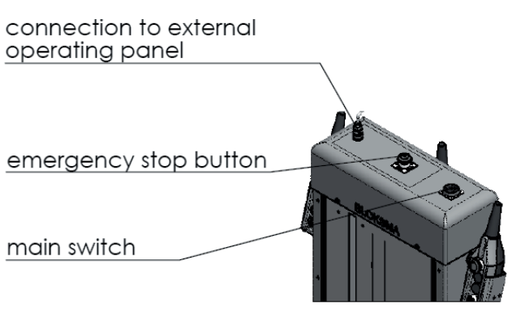
Electric connection 230V/50Hz
Q: bottom right side
R: bottom middle back

Main switch on top of the lifter right

Emergency Stop push button
top middle
and on the external panel

external operating panel



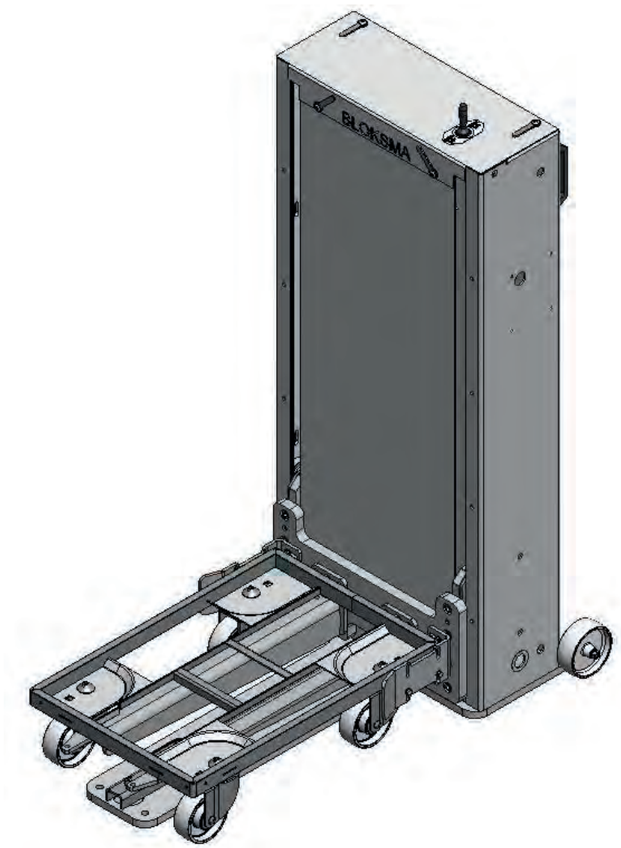


LIFTERS
FRONT LOADING
trolley is pushed onto the forks lengthwise

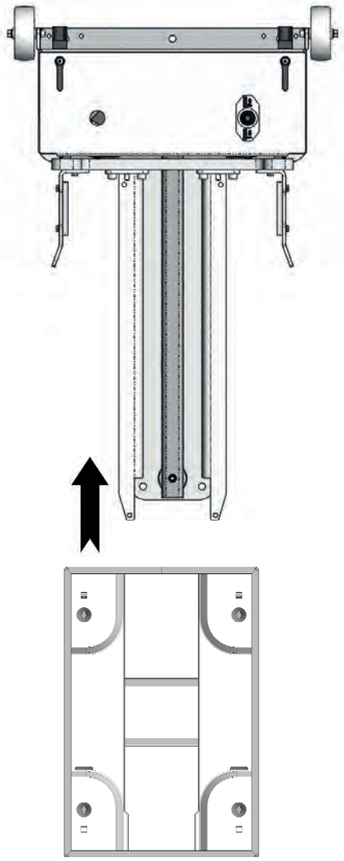
HPS-F / HPT-F / HPM-F

OPTIONAL

- Stationary device available



Picture: semi-mobile lifter



loading direction lengthwise

Other models / dimesions on request
Subject to technical changes

BLOKSMA

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The pictured lifter is a front loading device and the trolley is pushed onto the forks lengthwise. The lifter can lift loads of 200 kg, 300 kg and 500 kg and has a working height of 715mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The air pressure is 6 bar.

The lifter is suitable for lengthwise pushed BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
135031	**137051**	200 kg	715 mm
137100	**134489**		935 mm
137101	**137053**	300 kg	715 mm
137102	**137054**		935 mm
137105	**137057**	500 kg	715 mm
137106	**137058**		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
137107	**137059**	200 kg	715 mm
137108	**137060**		935 mm
137109	**137061**	300 kg	715 mm
137110	**137062**		935 mm
137113	**137065**	500 kg	715 mm
137114	**137066**		935 mm

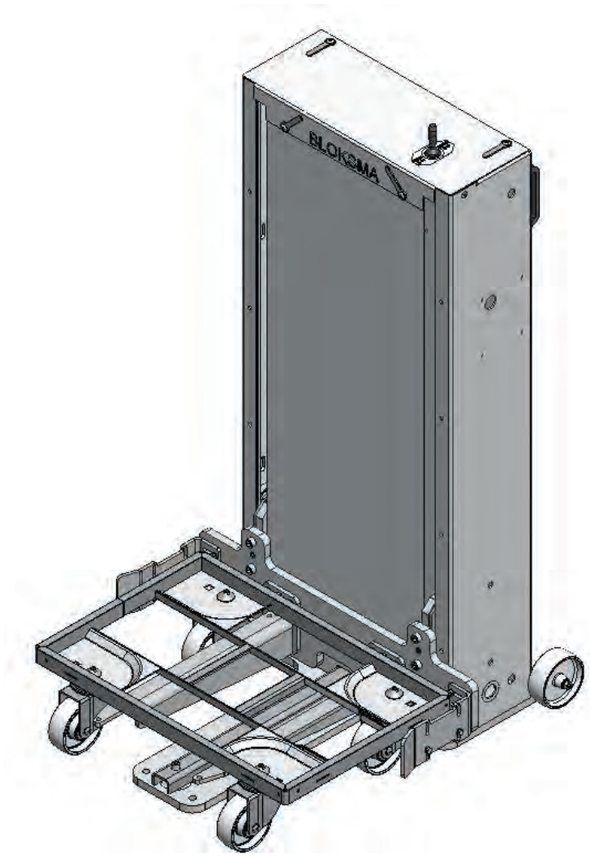
Other models / dimensions on request
Subject to technical changes

LIFTERS
FRONT LOADING
trolley is pushed onto the forks crosswise

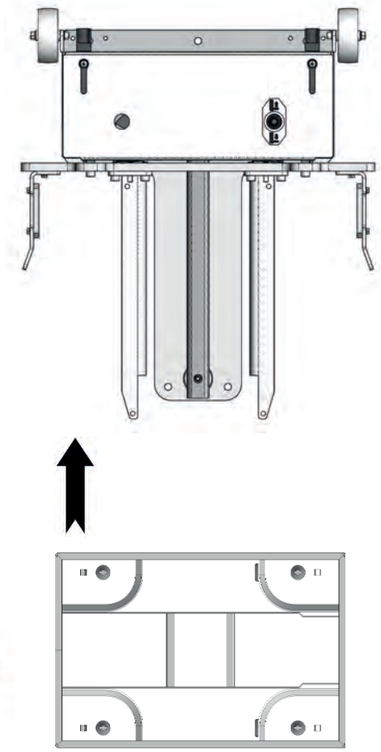
HPS-F / HPT-F / HPM-F

OPTIONAL

- Stationary device available



Picture: semi-mobile device



Loading direction crosswise

Other models / dimesions on request
Subject to technical changes

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The pictured lifter is a front loading device and the trolley is pushed onto the forks crosswise. The lifter can lift loads of 200 kg, 300 kg and 500 kg and has a working height of 715mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The air pressure is 6 bar.

The lifter is suitable for crosswise pushed BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
132977	**208955**	200 kg	715 mm
207580	**137076**		935 mm
137125	**137077**	300 kg	715 mm
142211	**137078**		935 mm
137129	**137081**	500 kg	715 mm
137130	**137082**		935 mm

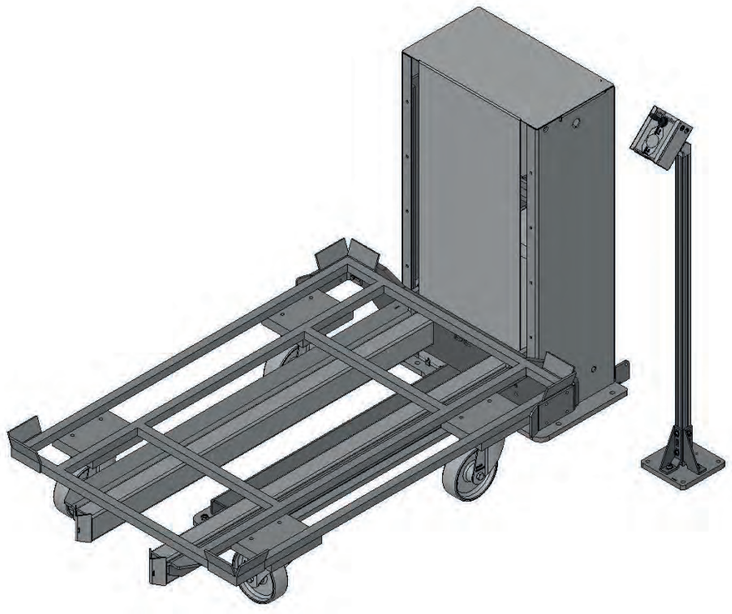
FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
137131	**137083**	200 kg	715 mm
137132	**137084**		935 mm
137133	**137085**	300 kg	715 mm
207114	**137086**		935 mm
137137	**137089**	500 kg	715 mm
137138	**137090**		935 mm

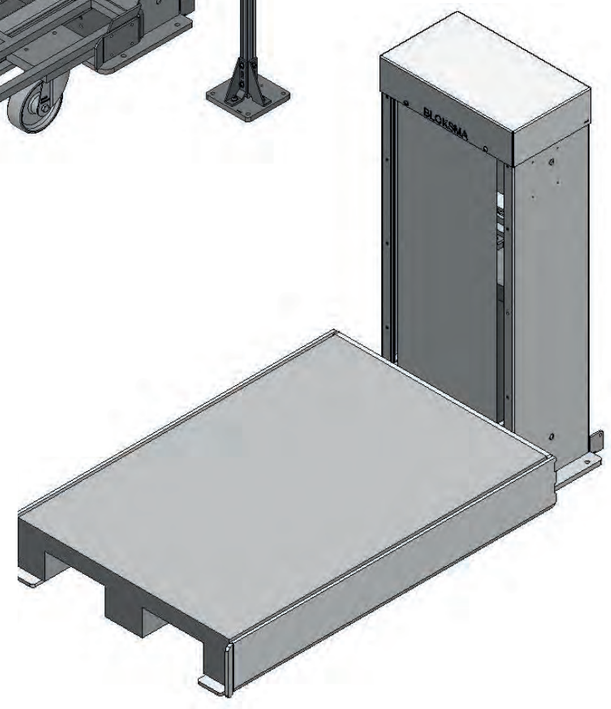
Other models / dimensions on request
Subject to technical changes

LIFTERS
FRONT LOADING
Heavy loads/pallet size

HPS-F



Forks suitable for a large trolley



Forks/frame suitable for a pallet/cage pallet loaded by forklift
or other industrial trucks

BLOKSMA

PNEU

This lifter is designed to lift and lower fully loaded trolleys or pallets for working at assembly work stations or machines. The pictured lifter is a front loading device and the trolley is pushed onto the forks lengthwise. It can also be loaded by a forklift or industrial truck. The lifter can move loads of 600kg up to 1000kg. All heavy-load-lifters must be stationary and dowelled to the floor. The standard control element is a hand lever located on top of the device.

The air pressure is 6 bar.

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR BLOKSMA TROLLEYS

stationary	size of trolley	lifting capacity	lift height on level (GOK)
142946	1,200x800mm	500 kg	790 mm
211009	1,200x800mm	500 kg	1010 mm

FOR INDUSTRIAL TRUCKS / FORKLIFTS

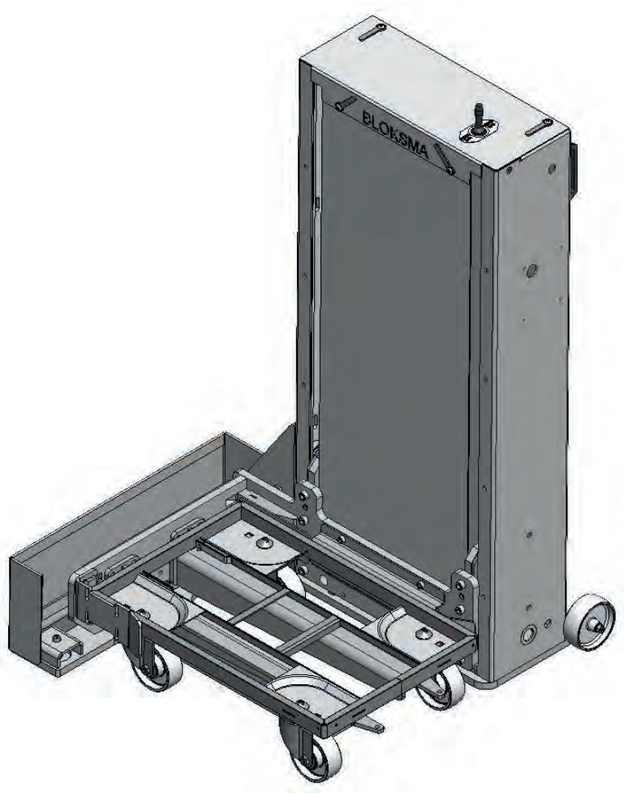
stationary	size of pallet	lifting capacity	lift height on level (GOK)
211010	1,200x800mm	500 kg	670 mm
146590	1,200x800mm	500 kg	890 mm

LIFTERS
RIGHT SIDE LOADING
trolley is pushed onto the forks lengthwise

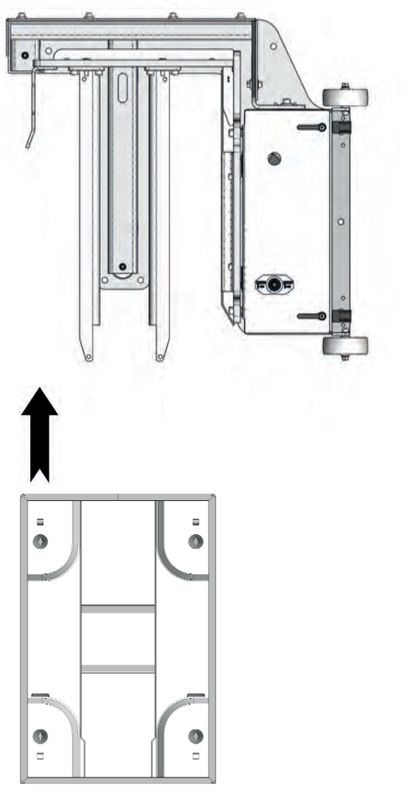
HPS-R / HPT-R / HPM-R

OPTIONAL

- Stationary device available



picture: semi-mobile lifter



loading lengthwise

Other models / dimesions on request
Subject to technical changes

BLOKSMA

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The pictured lifter is a right side loading device and the trolley is pushed onto the forks lengthwise. The lifter can lift loads of 200 kg, 300 kg and 500 kg and has a working height of 715mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The air pressure is 6 bar.

The lifter is suitable for lengthwise pushed BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
133466	**137172**	200 kg	715 mm
134642	**137173**		935 mm
137198	**137174**	300 kg	715 mm
137199	**137175**		935 mm
202699	**202701**	500 kg	715 mm
202700	**200702**		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
137204	**137180**	200 kg	715 mm
137205	**137181**		935 mm
137206	**137182**	300 kg	715 mm
137207	**137183**		935 mm
202705	on request	500 kg	715 mm
202706	on request		935 mm

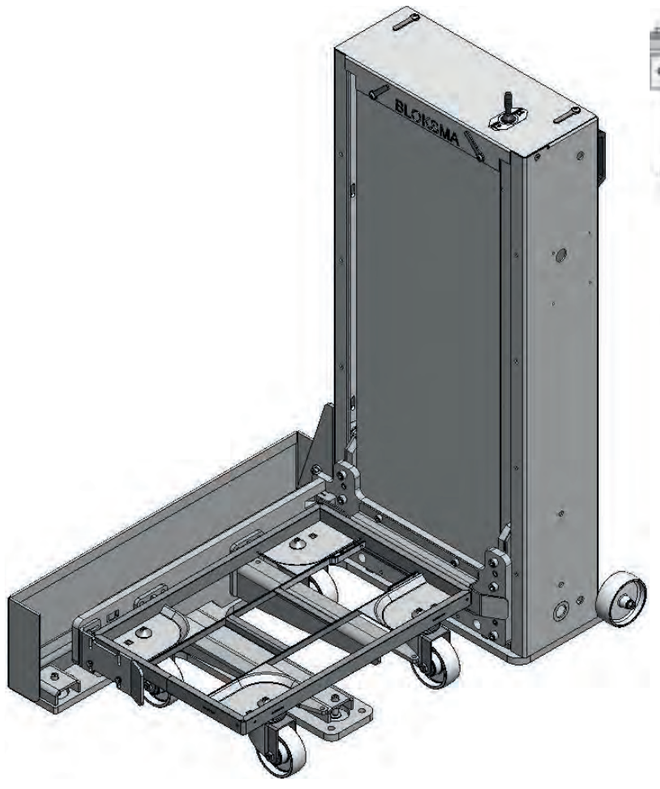
Other models / dimensions on request
Subject to technical changes

LIFTERS
RIGHT SIDE LOADING
trolley is pushed onto the forks crosswise

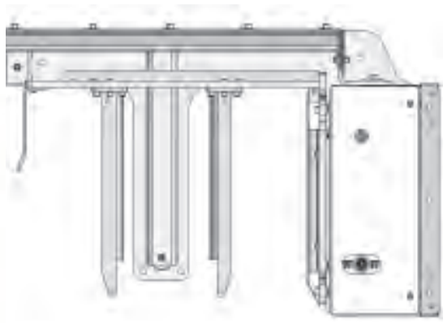
HPS-R / HPT-R / HPM-R

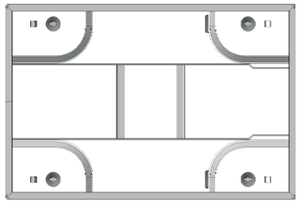
OPTIONAL

- Stationary devices available



picture: semi-mobile lifter





Loading crosswise

Other models / dimesions on request
Subject to technical changes

BLOKSMA

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The pictured lifter is a right side loading device and the trolley is pushed onto the forks crosswise. The load capacity is 200kg, 300kg and 500kg and has a working height of 715mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The air pressure is 6 bar.

The lifter is suitable for crosswise pushed BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
137709	**139523**	200 kg	715 mm
139635	**139524**		935 mm
139636	**139525**	300 kg	715 mm
139637	**139526**		935 mm
202711	**202713**	500 kg	715 mm
202712	**202714**		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600 mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
139640	**139529**	200 kg	715 mm
139641	**139530**		935 mm
139642	on request	300 kg	715 mm
139643	on request		935 mm
202717	on request	500 kg	715 mm
202718	on request		935 mm

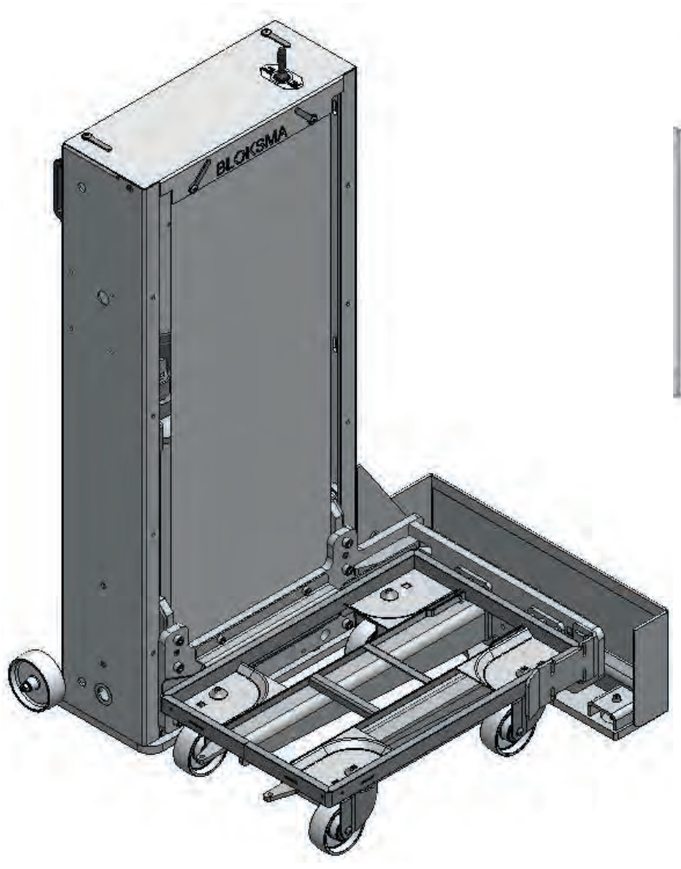
Other models / dimensions on request
Subject to technical changes

LIFTERS
LEFT SIDE LOADING
trolley is pushed onto the forks lengthwise

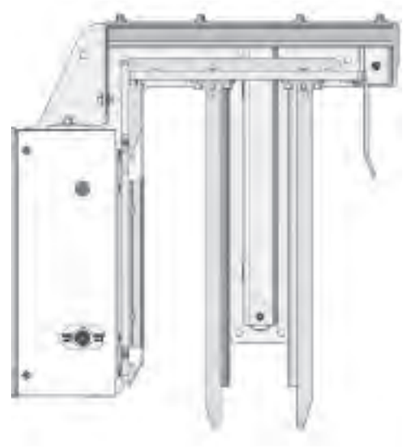
HPS-L / HPT-L / HPM-L

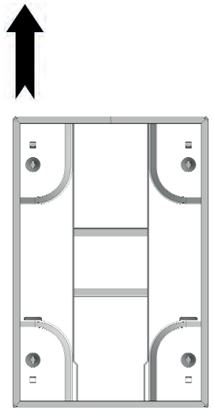
OPTIONAL

- Stationary devices available



picture: semi-mobile device





loading lengthwise

Other models / dimesions on request
Subject to technical changes

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The pictured lifter is left side loading in which the trolley is pushed onto the forks lengthwise. The load capacity is 200 kg, 300 kg and 500 kg and has a working height of 715 mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The air pressure is 6 bar.

The lifter is suitable for lengthwise pushed BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR TROLLEY BOF/BOZ LENGTHWISE 600x400mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
133465	**137244**	200 kg	715 mm
137269	**137245**		935 mm
137270	**137246**	300 kg	715 mm
137271	**137247**		935 mm
202723	**202725**	500 kg	715 mm
202724	**202726**		935 mm

FOR TROLLEY BOF/BOZ LENGTHWISE 800x600mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
137228	**137252**	200 kg	715 mm
137277	**137253**		935 mm
137278	**137254**	300 kg	715 mm
137279	**137255**		935 mm
202729	on request	500 kg	715 mm
202730	on request		935 mm

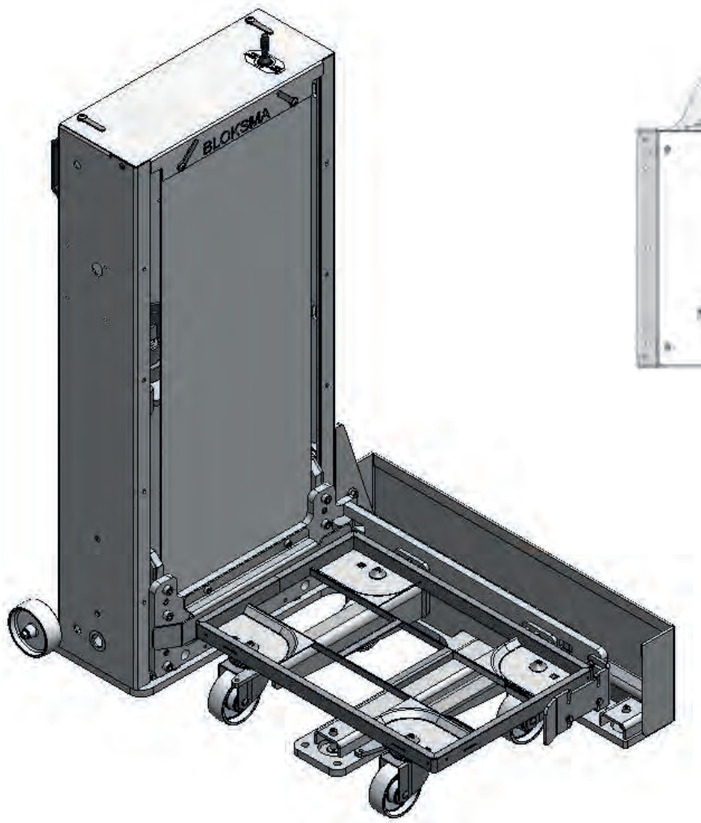
Other models / dimensions on request
Subject to technical changes

LIFTERS
LEFT SIDE LOADING
trolley is pushed onto the forks crosswise

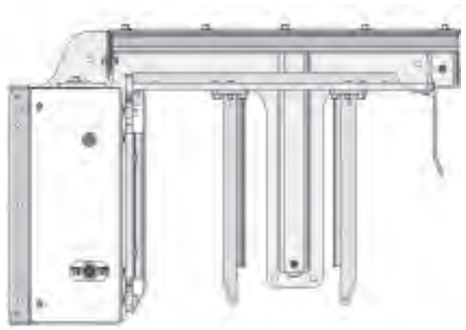
HPS-L / HPT-L / HPM-L

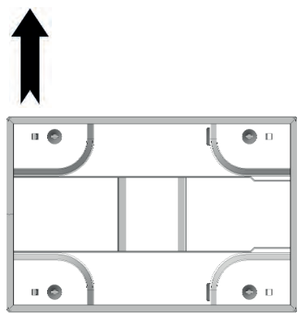
OPTIONAL

- Stationary devices available



picture: semi-mobile device





loading crosswise

Other models / dimesions on request
Subject to technical changes

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The pictured lifter is a left side loading device and the trolleys is pushed onto the forks crosswise. The load capacity is 200kg, 300kg and 500kg and has a working height of 715mm or 935mm. It is manufactured as mobile, semi-mobile or stationary.

The air pressure is 6 bar.

The lifter is suitable for crosswise pushed BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

FOR TROLLEY BOF/BOZ CROSSWISE 600x400mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
137708	**139547**	200 kg	715 mm
139624	**139548**		935 mm
139625	**139549**	300 kg	715 mm
139626	**139550**		935 mm
202735	**202737**	500 kg	715 mm
202736	**202738**		935 mm

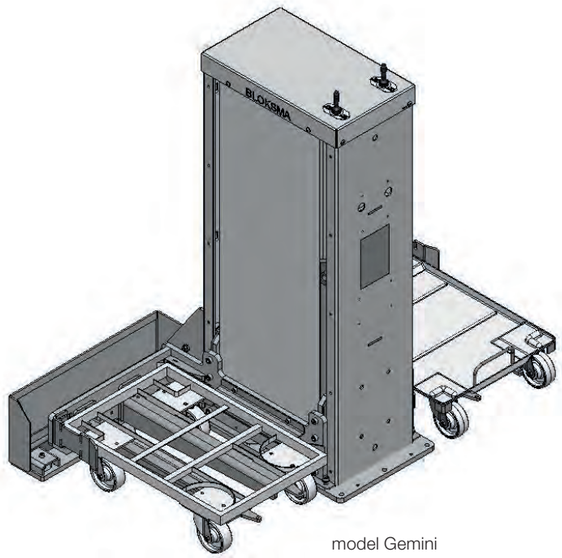
FOR TROLLEY BOF/BOZ CROSSWISE 800x600mm

semi-mobile	mobile	lifting capacity	lift height on level (GOK)
139629	**139553**	200 kg	715 mm
139630	**139554**		935 mm
139631	on request	300 kg	715 mm
139632	on request		935 mm
202741	on request	500 kg	715 mm
202742	on request		935 mm

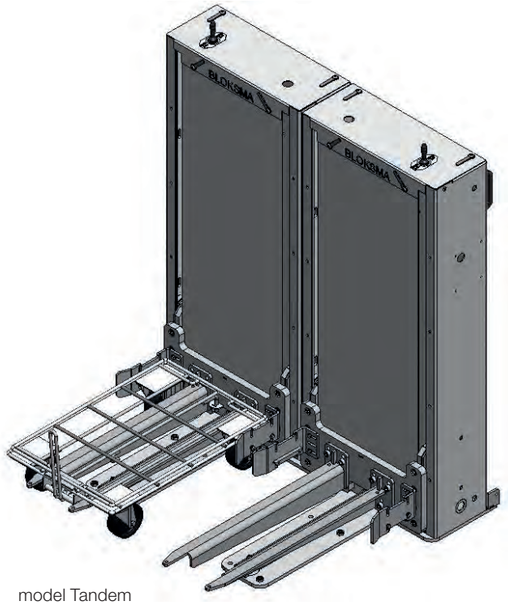
Other models / dimensions on request
Subject to technical changes

LIFTERS
GEMINI, TWIN UND TANDEM
trolley is pushed onto the forks lengthwise

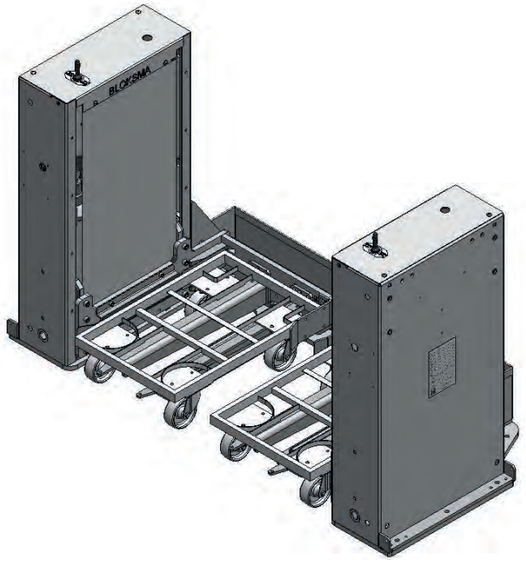
HPS-G / HPS-T



model Gemini



model Tandem



model Twin

Other models / dimesions on request
Subject to technical changes

BLOKSMA

PNEU

This lifter is designed to lift and lower fully loaded trolleys for working at assembly work stations or machines. The lifter can lift loads of 200kg to 300kg per side and has a working height (GOK) of 715mm or 935mm. It is manufactured only as a stationary unit.

The air pressure is 6 bar.

The lifter is suitable for BLOKSMA trolleys BOF + BOZ.
For more information please turn to page 12 (chapter trolleys).

The standard control element is an external operating panel.
For more information please turn to page 78 (chapter Control Elements).

2

GEMINI

stationary	size of trolley	lifting capacity	lift height on level (GOK)
141869	600x400 mm 630x430mm	200 kg each side	715 mm
142605	600x400 mm 630x430mm	200 kg each side	935 mm
145542	600x400 mm 630x430 mm	300 kg each side	715 mm
145540	600x400 mm 630x430 mm	300 kg each side	935 mm

TANDEM

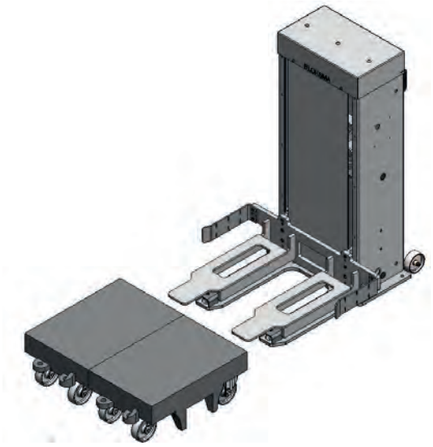
stationary	size of trolley	lifting capacity	lift height on level (GOK)
130754	600x400 mm 630x430 mm	300 kg each side	715 mm
146225	600x400 mm 630x430 mm	200 kg each side	935 mm

TWIN

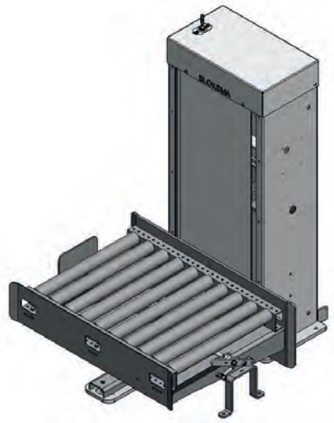
stationary	size of trolley	lifting capacity	lift height on level (GOK)
145319	600x400mm 630x430mm	400 kg each side	715 mm
137292	600x400mm 630x430mm	200 kg each side	935 mm

Other models / dimensions on request
Subject to technical changes

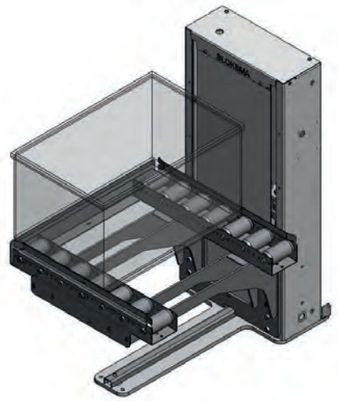
PNEUMATIC LIFTERS
FURTHER VARIATIONS I



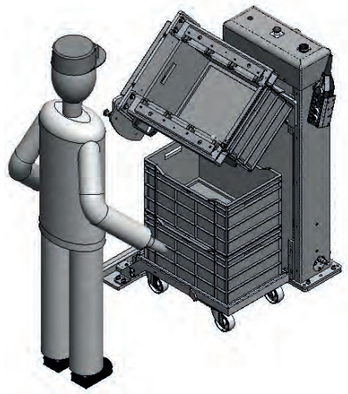
Item no. 210594 for two trolleys



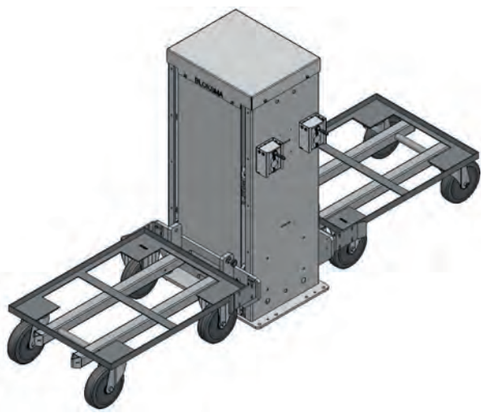
Item no. 147551 with roller conveyor



Item no. 200460 with roller conveyor



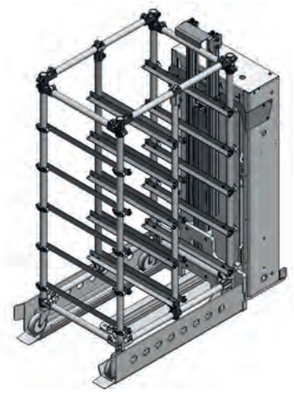
Item no. 147549 with tilting option



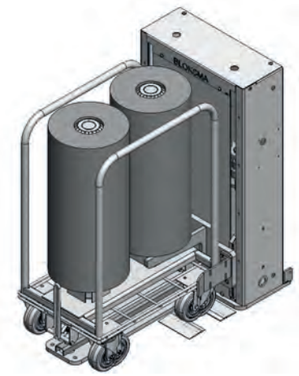
Item no. 201571 Gemini with folding forks

Other models / dimesions on request
Subject to technical changes

PNEUMATIC LIFTERS
FURTHER VARIATIONS II



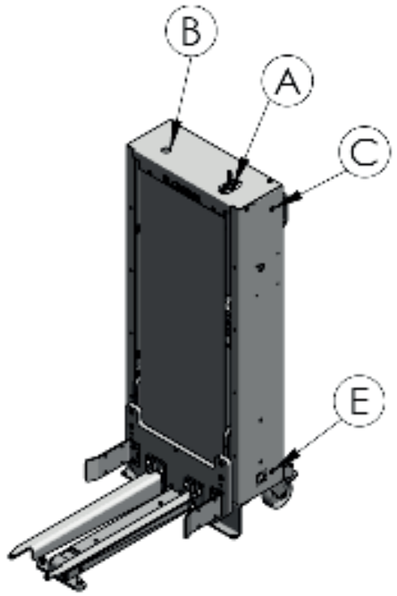
Item no. 204977

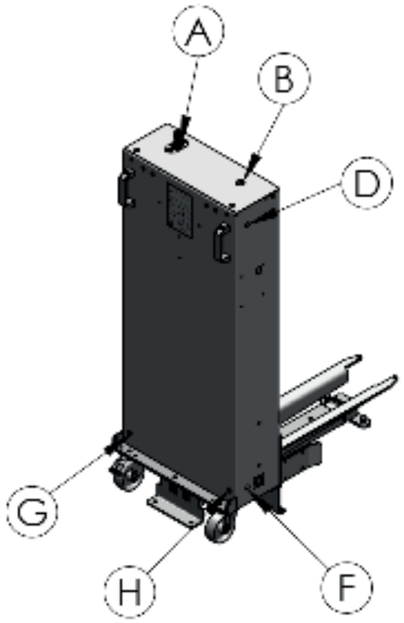


Item no. 202792

Other models / dimensions on request
Subject to technical changes

DATA SHEET LIFTERS
FRONT LOADING
Connection possibilites





STANDARD

lifting unit, front cover color RAL9010
Lifting device galvanized
hand lever position A
air connection positions E
pneumatics 6 bar

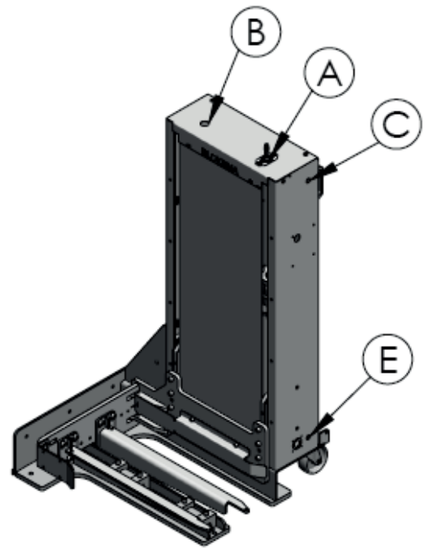
possibile hand lever positions
A: top right
B: top left
C: top right side
D: top left side

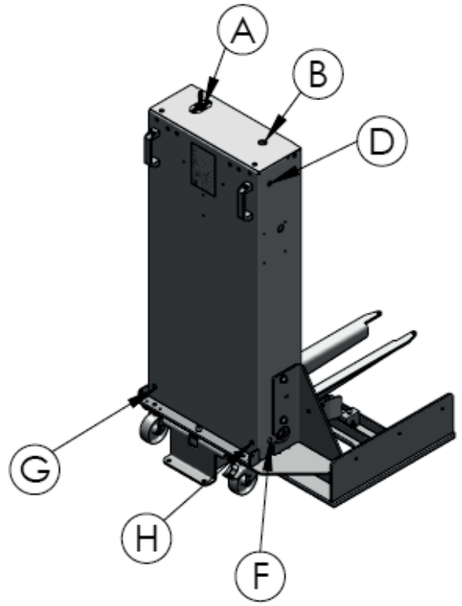
mögliche Luftanschlüsse
A: top right
B: top left
C: top right side
D: top left side
E: bottom right side
F: bottom left side
G: bottom right back
H: bottom left back

possible position air connection

possible position hand lever	A	B	C	D	E	F	G	H
A	/	X	X	X	X	X	X	X
B	X	/	X	X	X	X	X	X
C	X	X	/	X	X	X	X	X
D	X	X	X	/	X	X	X	X

DATENBLATT LIFTERS
RIGHT SIDE LOADING
Connection possibilites





STANDARD

lifting unit, front cover color RAL9010
Lifting device galvanized
hand lever position A
air connection positions E
pneumatics 6 bar

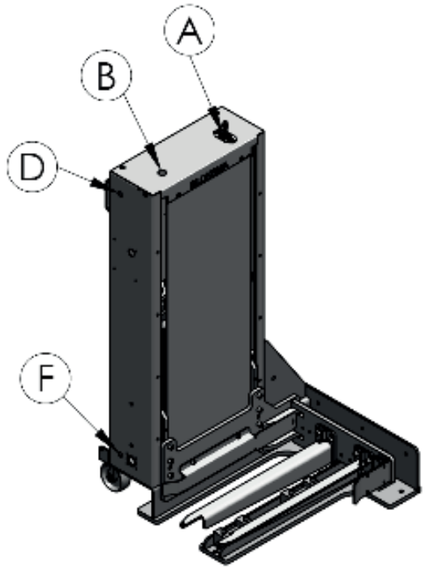
possibile hand lever positions
A: top right
B: top left
C: top right side
D: top left side

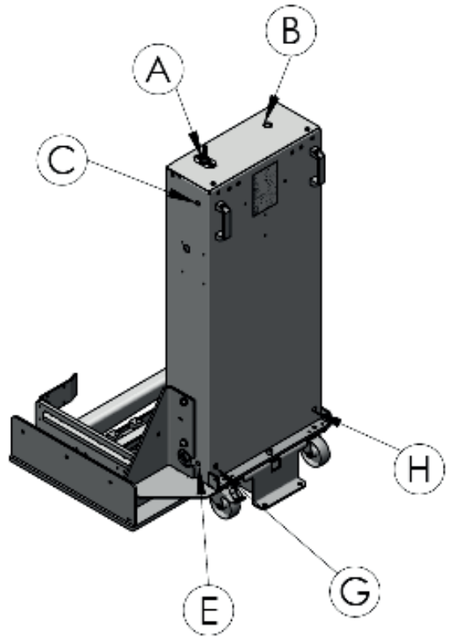
mögliche Luftanschlüsse
A: top right
B: top left
C: top right side
D: top left side
E: bottom right side
F: bottom left side
G: bottom right back
H: bottom left back

possible position air connection

possible position hand lever	A	B	C	D	E	F	G	H
A	/	X	X	X	X	X	X	X
B	X	/	X	X	X	X	X	X
C	X	X	/	X	X	X	X	X
D	X	X	X	/	X	X	X	X

DATASHEET LIFTERS
LEFT SIDE LOADING
Connection possibilities





STANDARD

lifting unit, front cover color RAL9010
Lifting device galvanized
hand lever position A
air connection positions E
pneumatics 6 bar

possibile hand lever positions
A: top right
B: top left
C: top right side
D: top left side

possible air connections
A: top right
B: top left
C: top right side
D: top left side
E: bottom right side
F: bottom left side
G: bottom right back
H: bottom left back

possible position air connection

possible position hand lever	A	B	C	D	E	F	G	H
A	/	X	X	X	X	X	X	X
B	X	/	X	X	X	X	X	X
C	X	X	/	X	X	X	X	X
D	X	X	X	/	X	X	X	X

BLOKSMA

NOTES

2

Subject to technical changes
Catalogue 6.0

HYDRAULIC LIFTERS
FRONT LOADING
Lifting column – lifting and turning

HHS-F

Item no. 275008 Lifting column – only lifiting

Item no. 275010 Lifting column – lifting and turning

Other models / dimesions on request
Subject to technical changes

BLOKSMA

This lifter is intended to lift and turn a pallet through electrohydraulic power. It is loaded with a commercial truck (forklifter, industrial and pallet truck) and is made for heavy loads from 700 - 1.500 kg. This lifter is made for containers size 1,200 x 800 mm or 1,200 x 1,000 mm. The tilting angle to both sides is up to 40 degrees.

The connected value is 230V resp. 400V.

All devices carry the CE certificate and corresponds to Standard EN-1570-4.

2

LIFTING COLUMN TO LIFT

Item no.	description	size	lifting capacity
275008	lift on 900mm (13 sec.) for container 1,200x800mm	1,245x850x70mm	1,000kg
275009	lift on 900mm (13 sec.) for container 1,200x1,000mm	1,245x1,040x10mm	1,000kg

LIFTING COLUMN TO LIFT AND TO TILT

Item no.	description	size	lifting capacity
275010	lift on 900mm (13 sec.) for container 1,200x800mm	1,245x850x70mm	1,000kg

Other models / dimensions on request
Subject to technical changes

HYDRAULIC LIFTERS FRONT LOADING

U-shape or table-shape design

HHU-F OR HHT-F

Item no. 275011 U-shape construction

Item no. 275015 Table-shape construction

Other models / dimesions on request
Subject to technical changes

BLOKSMA

This lifter is intended to lift pallets, cage boxes and other containers size 1,200 x 800 mm th-rough electrohydraulic power. It is loaded with a standard commercial truck (forklifter, industrial and pallet truck). It is perfectly suitable for heavy loads of 700-2,000 kg. This lifter has an extre-mely low construction height of 80 to 100mm.

The connected value is 230V resp. 400V.

The device carries the CE certificate and corresponds to Standard EN-1570-1.

2

U-SHAPE CONSTRUCTION

Item no.	description	size	lifting capacity
275011	lift on 720mm (13 Sec.) for container 1,200x800mm	1,450x900x80mm	600kg
275012	lift on 970mm (19 Sec.) for container 1,200x800mm	1,450x900x80mm	600kg
275013	lift on 820mm (13 Sec.) for container 1,200x800mm	1,350x1,080x80mm	1,000kg
275014	lift on 820mm (24 Sec.) for container 1,200x800mm	1,350x1,180x100mm	2,000kg

TABLE-SHAPE CONSTRUCTION

Item no.	description	size	lifting capcity
275015	lift on 720mm (13 sec.) for container 1,200x800mm	1,500x900x50mm	600kg
275016	lift on 970mm (13 sec.) for container 1,200x800mm	1,500x900x50mm	600kg
275017	lift on 820mm (13 sec.) for container 1,200x800mm	1,350x800x80mm	1,000kg
275018	lift on 820mm (24 sec.) for container 1,200x800mm	1,350x800x100mm	2,000kg
275621	lift on 820mm (24 sec.) for container 1,200x800mm	1,350x1,000x100mm	2,000kg

OPTION: DRIVE-ON RAMP

275619	ramp	ramp 800mm wide	
275620	ramp	ramp 1,000mm wide	

Other models / dimensions on request
Subject to technical changes

HYDRAULIC LIFTERS
FRONT LOADING
Lifting and tilting of trolleys or pallets

HHN-B OR HHN-P

Item no. 2750004 Lifting and tilting of pallets

Item no. 2750004 Lifting and tilting of wire cages

Other models / dimesions on request
Subject to technical changes

BLOKSMA

HYDR

LIFTING AND TILTING OF TROLLEYS

This lifter is intended to lift and lower trolleys through electrohydraulic power. The trolley is pushed onto the lifters‘ forks and perfectly suitable heavy loads of 700 - 1,200 kg. The lifter is designed for trolleys size 1,200 x 800 mm. The tilting angle is up to 40 degrees.
The connected value is 230V resp. 400V.
This device is CE certified and corresponds to Standard EN-1570-1.

Item no.	description	size	lifting capacity
275000	lift to 550mm (15 sec.) for trolley 1,200x800mm crosswise suspended	1,300x550x220mm	750kg
275001	lift to 550mm (15 sec.) for trolley 1,200x800mm crosswise suspended	1,020x770x220mm	1,200kg

LIFTING AND TILTING OF PALLETS

This lifter is intended to lift pallets, cage boxes and other containers size 1,200 x 800 mm th-rough electrohydraulic power. It is loaded with a standard commercial truck (forklift, industrial or pallet truck). It is perfectly suitable for heavy loads of 700-2,000 kg. This lifter has an extremely low construction height of 80 to 100mm.

The connected value is 230V resp. 400V.
The device is CE certified and corresponds to Standard EN-1570-1.

TABLE-SHAPE

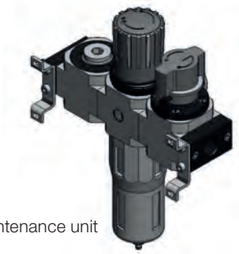
Item no.	description	size	lifting capacity
275000	lift on 550mm (15 sec.)	1,300x550x220mm	750kg
275001	lift on 550mm (15 sec.)	1,020x770x220mm	1,200kg
275004	lift on 550mm (16 sec.)	1,000x1,300x380mm	1,500kg

U-SHAPE

275005	lift on 820mm (16 sec.)	1,380x1,310x6mm inside dimension 1,200x850mm	1,500kg
275006	lift on 820mm (16 sec.)	1,380x1,510x6mm inside dimension 1,200x1,200x1,050mm	1,500kg
275007	lift on 820mm (16 sec.)	1,380x1,730x6mm inside dimension 1,200x1,270mm	1,500kg

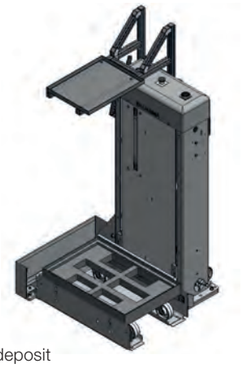
Other models / dimensions on request
Subject to technical changes

ACCESSORIES



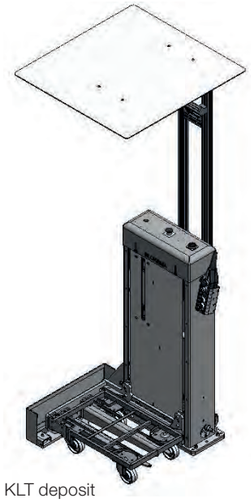
maintenance unit

cable holder



KLT deposit

KLT deposit



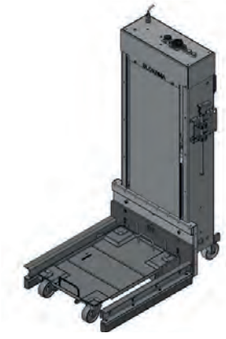
KLT deposit

Safety enclosure

Safety enclosure

Security door and safety enclosure

Safety mat



Bumper - emergency bar

NOTES

EVERYTHING FROM ONE SOURCE.

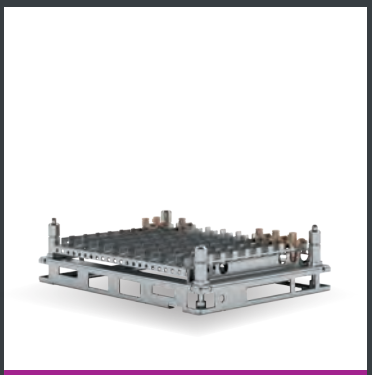
1 | TROLLEYS

2 | LIFTERS

3| SUPERMARKETS & PARKING SLOTS

5 | TRANSPORT LOGISTICS

6 | VISUALIZATION



7 | WORK PIECE CARRIER

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