



KLT lifters

Ergonomic material supply

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KLT lifters

Information



Efficient production!

Ideal aids!

High-quality configuration!

The SG KLT lifters

Efficient production

Electronic crate-lifting devices are used to raise and lower standard small load carriers (known as SLCs for short, or KLT in German), blisters and other industrial containers. They help ensure items needed at the work bench or production machine are moved into an ergonomic position for further processing, without putting any strain on staff.

Using KLT lifters is one way of easing the burden on staff, reducing absences, improving job satisfaction and maximising value creation. Ensuring workstations have an age-appropriate and ergonomically optimised configuration gives you more flexibility when assigning workstations, while also boosting productivity at the same time.

What KLT lifters offer:

- Electric gearmotor with brake
- Photoelectric sensor that can be adjusted steplessly to any working height
- Surfaces:
 - Anodized aluminium
 - Bright zinc-plated steel, powder-coated in RAL 7035
- Optional:
 - KLT lifter 3.5" touchscreen control panel
 - KLT lifter pushbutton control panel
- Optional 2nd photoelectric sensor (Order No. 16110) available (retrofittable).
For details, see page 22 **Accessories**
- Software update via USB link
- Simple realisation of custom solutions
- External communication possible via controller (e.g. height reached → send signal to PLC)
- 2 unassigned electrical inputs for external signals (e.g. sensor) in the controller



Fig.: KLT lifter 2000, front loading, side-on, central support foot



Fig.: KLT lifter 2000 with optional 2nd photoelectric sensor

Advantages of the KLT lifters - an overview

- **Ergonomic**
Efficient, pain-free working practices thanks to ergonomic and user-friendly operation.
- **Modular design**
KLT lifters can be converted from side loading to front loading at a later date.
- **Adaptable**
Photoelectric sensor can be adjusted steplessly by hand.
Optional 2nd photoelectric sensor available (retrofittable)
- **Future-proof**
Manual, automatic, stacking or positioning mode using removable control unit.
3.5" touchscreen or pushbutton control unit.
- **Service/maintenance**
The control panel of the KLT lifters issues a notification after 60,000 lift cycles or 5,000 operating hours to recommend a service.
- **Semi-mobile**
Fixed castors mean KLT lifters can be quickly and safely moved to a new location.
- **Integrable & flexible**
All-round grooves for attaching transfer systems/machine enclosures.
Stable grips for handling & positioning.
- **Levelling**
Adjustable foot for stability.

Technical data

	2000 model	2300 model	3000 model	3300 model
Order No.	15200	15230	15300	15330
Lifting height	95 - 950 mm	95 - 1,250 mm	95 - 1,000 mm	95 - 1,300 mm
Max. carrying capacity	2,000 N	2,000 N	3,000 N	3,000 N
Loading type	Front, end-on/side-on Side, end-on/side-on	Front, end-on/side-on Side, end-on/side-on	Front, end-on/side-on Side, end-on/side-on	Front, end-on/side-on Side, end-on/side-on

High-quality The configuration of KLT lifters

KLT lifter control panels

KLT lifters are not supplied with a control panel.
You can choose between:



Pushbutton
(Order No. 14052)



3.5" touchscreen
(Order No. 14051)

Advantages of the touchscreen control panel



Updated icons –
clear display



Runtime and
number of lift
cycles displayed
in info dialogue

Photoelectric sensor

- Optional 2nd photoelectric sensor available as standard (retrofit-able)
- Option of linking positioning mode to a sensor (enables very precise repeatability)

Added safety from additional checks besides those on runtime

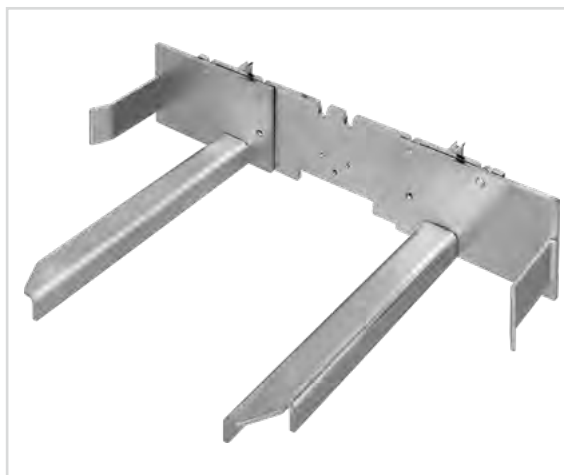
- Software update via USB link – simple realisation of bespoke solutions
- External communication (e.g. PLC) via an interface in the controller
- 2 unassigned electrical inputs for external signals (e.g. sensor) in the controller



Forks

Our standard forks are compatible with virtually all conventional dollies.

Custom forks and other custom configurations for specific requirements are available on request.



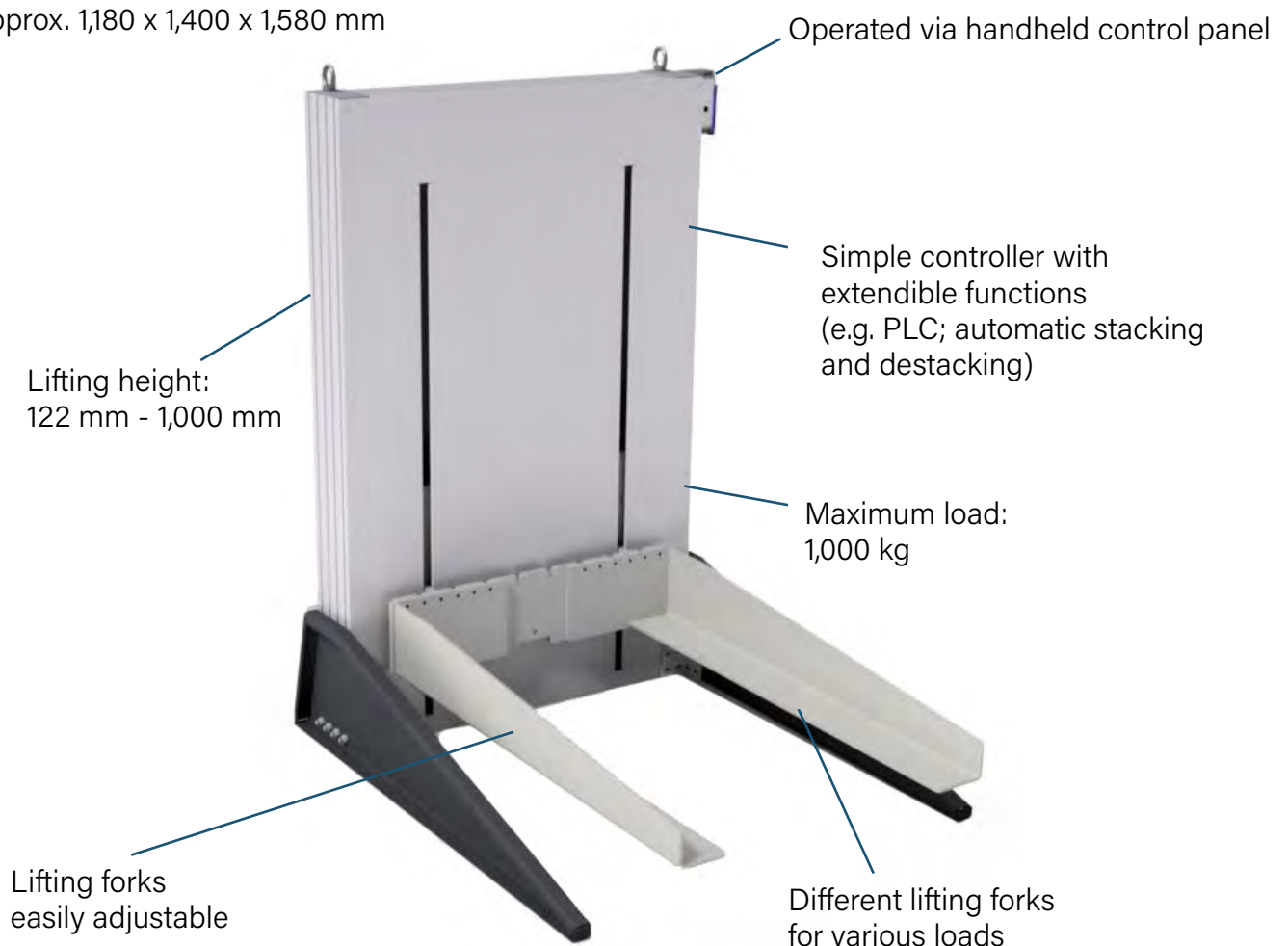
KLT lifter 1T

An ideal aid for your production operations

The very latest version of the KLT lifter boasts a robust design that enables it to raise and lower a maximum load of up to 1,000 kg.

What this KLT lifter offers:

- Load carrying capacity of up to 1,000 kg
- Electric lifting device
- Ergonomic material removal
- CEE connector, 400 V / 50 Hz / 16 A power current
- Dimensions (WxDxH):
Approx. 1,180 x 1,400 x 1,580 mm



syskomp gehmeyr

A dependable partner for over 50 years

The success story behind the syskomp Group stretches back over 50 years.

Starting out in 1960 as a straightforward trading operation, the company has developed into a specialist for flexible and customised solutions in the field of assembly technology and industrial automation.

The Group consists of syskomp gehmeyr GmbH, which is headquartered in Amberg (Germany), our sites in Regensburg and Medingen (Germany), the emico division in Amberg and bfm GmbH in Wöllersdorf (Austria).

We offer our customers the ultimate in reliability and maximum expertise are. Our holistic approach to business ensures that the optimum processes are developed to suit the specific customer application. From the very start through to the handover, we are a skilled contact for our customers, covering all phases of the project, from initial consulting to successful commissioning.



The head office of the syskomp Group in Amberg (Germany).

This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light gray lines. There are no margins, text, or other markings on the page.

KLT lifters

Technical data | order configuration



KLT lifters

Control panels, forks

Dollies & accessories

KLT lifters

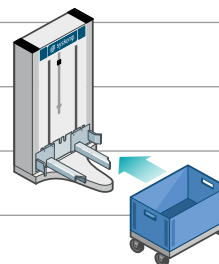
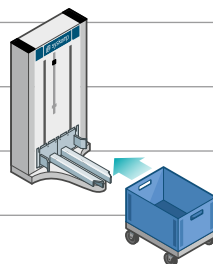
2000 and 2300 models

Technical data	2000 model	2300 model
Order No.	15200	15230
Dimensions W × H × D [mm] (not including forks)	600 × 1,216 × 290	600 × 1,516 × 290
Lifting height [mm]	95 - 950	95 - 1,250
Max. carrying capacity	2,000 N	2,000 N
Power supply	230 V / 50 Hz, 16 A	230 V / 50 Hz, 16 A
Current consumption	0.25 kW	0.25 kW
Protection class	IP 54 IEC 529	IP 54 IEC 529
Max. lifting speed	40 mm / sec.	40 mm / sec.

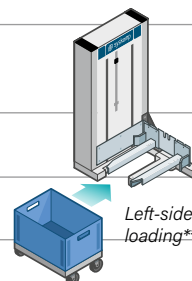
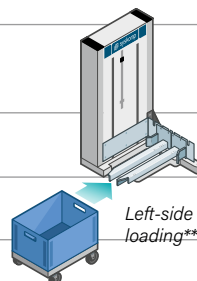


Order configuration

Front loading	End-on	Side-on
Description	Order No.	Order No.
Lifter	15200 or 15230	15200 or 15230
Central support foot (quantity of 1 required)	14281	14281
Fork pair 600 or Fork pair 600 HW	14070 or 14070.01	-
Fork pair 400 or Fork pair 400 HW	-	14069 or 14069.01
3.5" touchscreen control panel or pushbutton control panel	14051 14052	14051 14052



Side loading	End-on	Side-on
Description	Order No.	Order No.
Lifter	15200 or 15230	15200 or 15230
Support foot for side loading, long* (quantity of 1 required)	14282	14282
Support foot for side loading* (quantity of 1 required)	14183	14183
Support bracket* (quantity of 1 required)	14180	14180
Adaptor bracket* or Adaptor bracket, short* (quantity of 1 required)	14071 or 14071.03	14071 or 14071.03
Fork pair 600 or Fork pair 600 HW	14070 or 14070.01	-
Fork pair 400 or Fork pair 400 HW	-	14069 or 14069.01
3.5" touchscreen control panel or pushbutton control panel	14051 14052	14051 14052



* Can be installed on either side, for loading from right or left.

** Also available in right-side loading configuration – please request when ordering. Supplied for left-side loading unless otherwise requested.

See pages 19 and 20 for fork dimensions and application.

KLT lifters

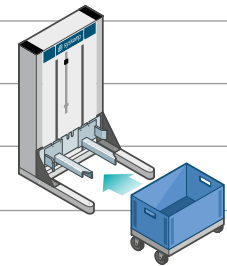
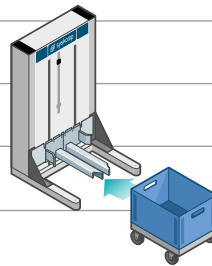
3000 and 3300 models

Technical data	3000 model	3300 model
Order No.	15300	15330
Dimensions W × H × D [mm] (not including forks)	700 × 1,286 × 290	700 × 1,586 × 290
Lifting height [mm]	95 - 1,000	95 - 1,300
Max. carrying capacity	3,000 N	3,000 N
Power supply	230 V / 50 Hz, 16 A	230 V / 50 Hz, 16 A
Current consumption	0.56 kW	0.56 kW
Protection class	IP 54 IEC 529	IP 54 IEC 529
Max. lifting speed	40 mm / sec.	40 mm / sec.

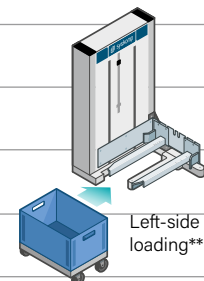
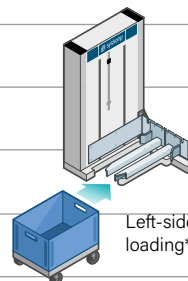


Order configuration

Front loading	End-on	Side-on
Description	Order No.	Order No.
Lifter	15300 or 15330	15300 or 15330
Support foot, long (quantity of 2 required)	14381	14381
Support bracket (quantity of 2 required)	14180	14180
Fork pair 600 or Fork pair 600 HW	14089 or 14070.01	-
Fork pair 400 or Fork pair 400 HW	-	14069 or 14069.01
3.5" touchscreen control panel or pushbutton control panel	14051 14052	14051 14052



Side loading	End-on	Side-on
Description	Order No.	Order No.
Lifter	15300 or 15330	15300 or 15330
Support foot, long * (quantity of 1 required)	14381	14381
Support foot, short* (quantity of 1 required)	14383	14383
Support foot for side loading* (quantity of 1 required)	14183	14183
Support bracket* (quantity of 1 required)	14180	14180
Adaptor bracket* (quantity of 1 required)	14371	14371
Fork pair 600 or Fork pair 600 HW	14089 or 14070.01	-
Fork pair 400 or Fork pair 400 HW	-	14069 or 14069.01
3.5" touchscreen control panel or pushbutton control panel	14051 14052	14051 14052



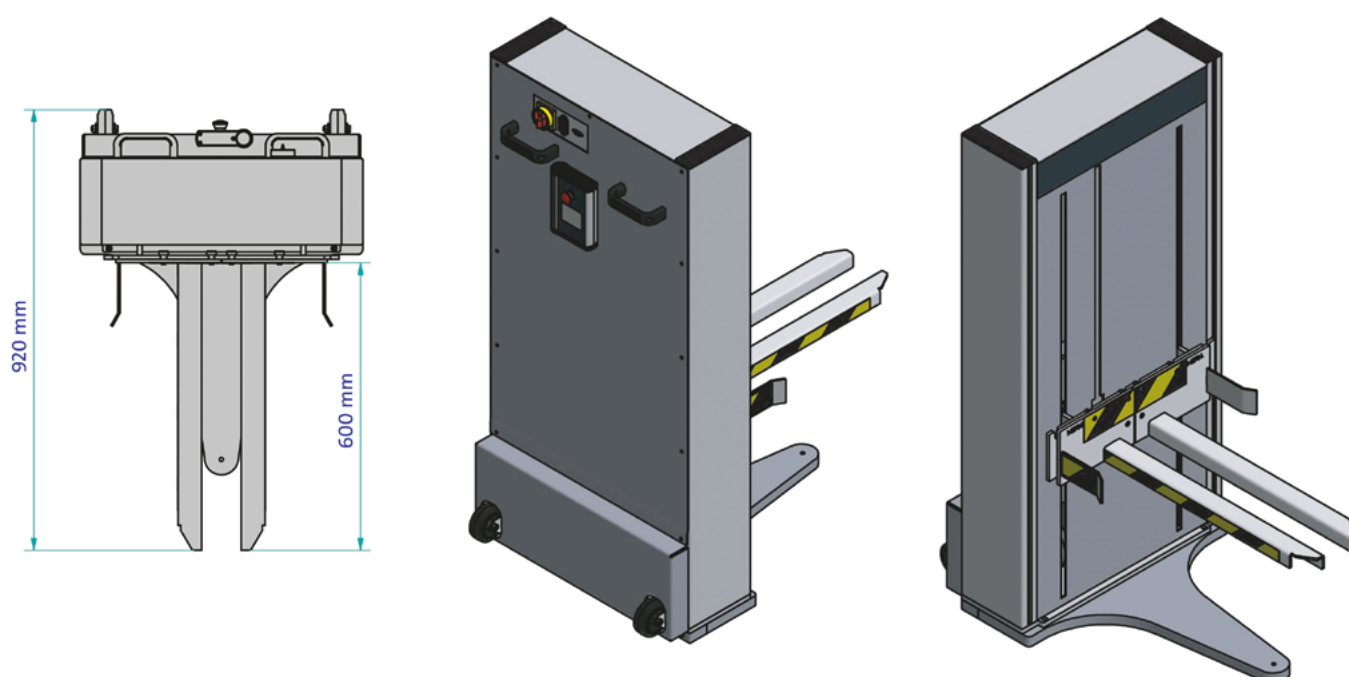
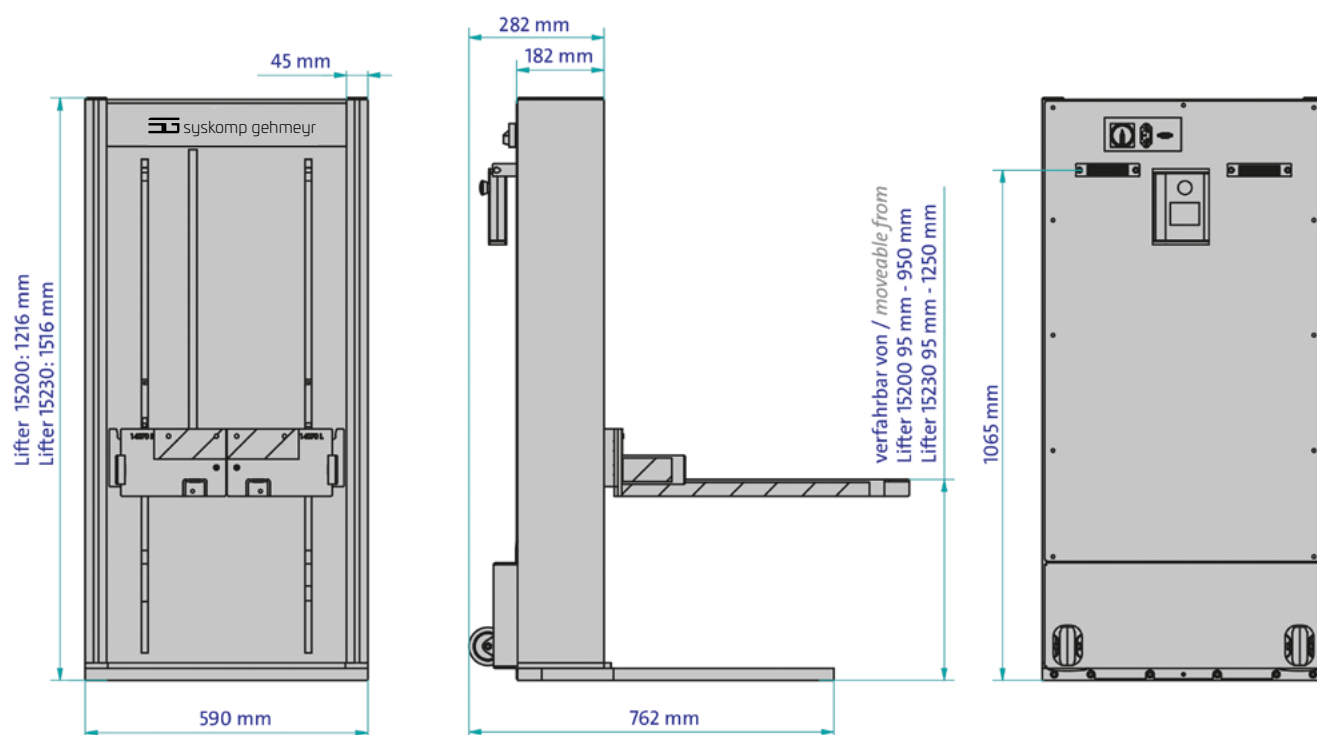
* Can be installed on either side, for loading from right or left.

** Also available in right-side loading configuration – please request when ordering. Supplied for left-side loading unless otherwise requested.

See pages 19 and 20 for fork dimensions and application.

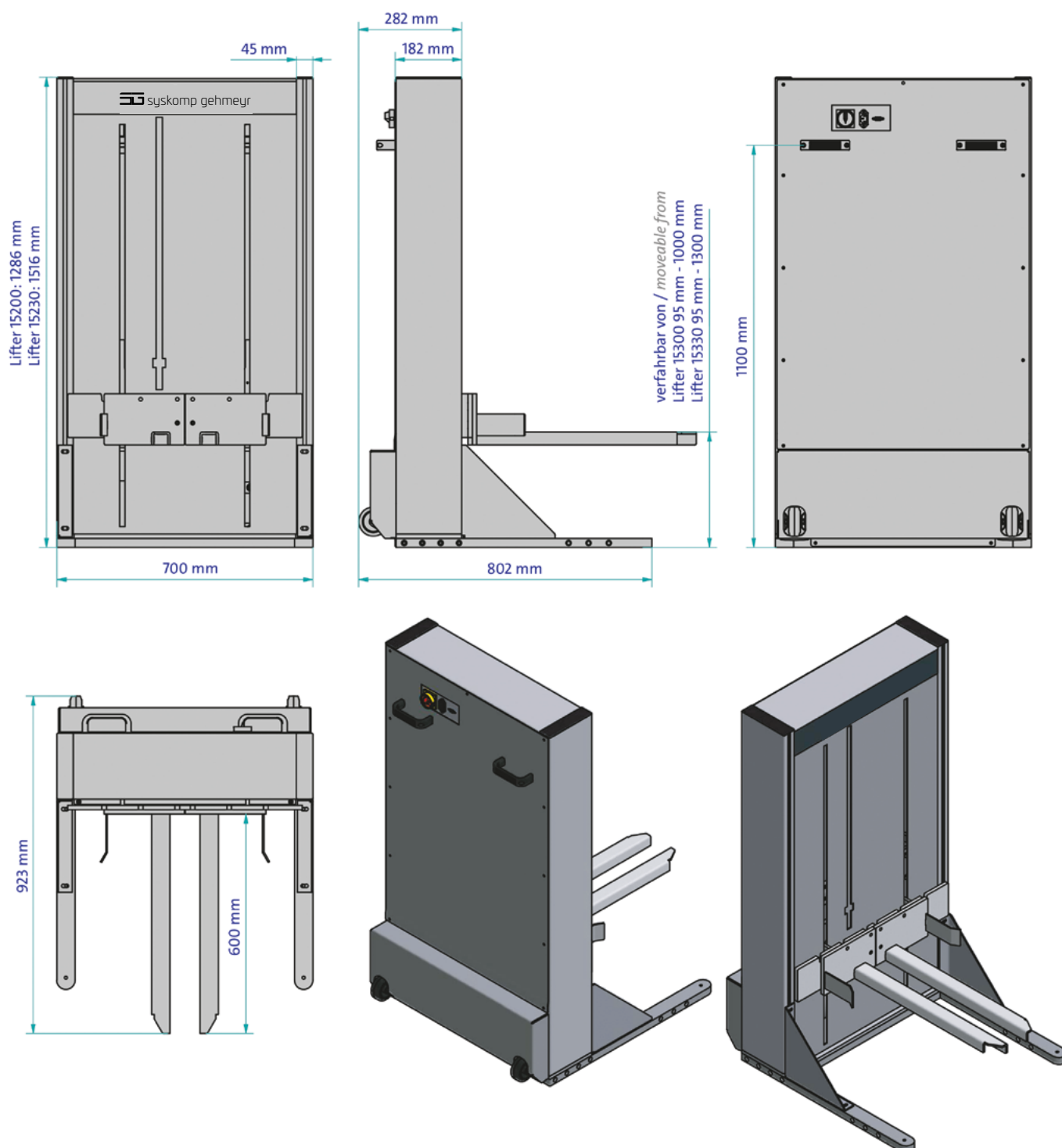
Technical data

KLT lifter 2000 (2300), front loading



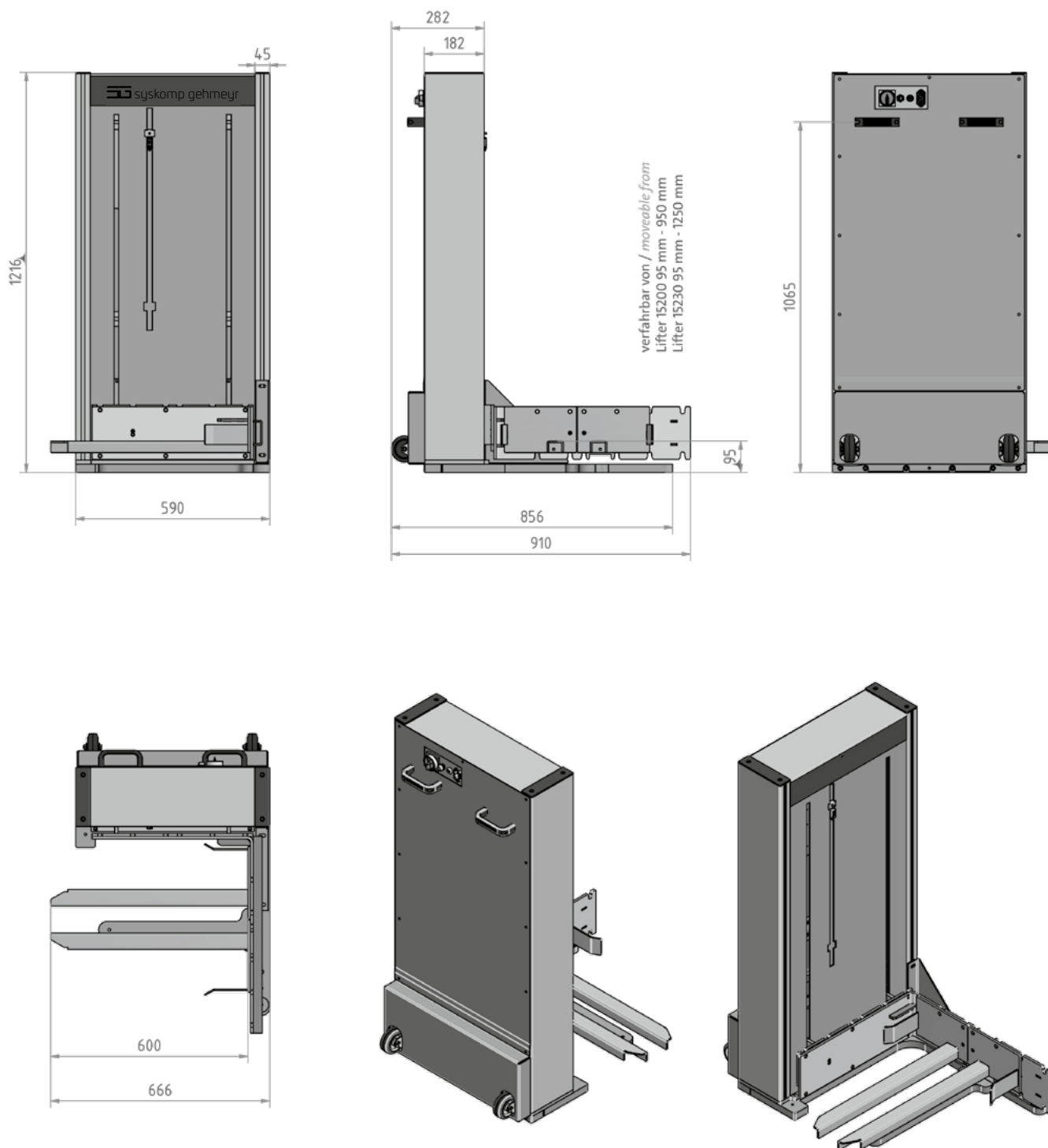
Technical data

KLT lifter 3000 (3300), front loading



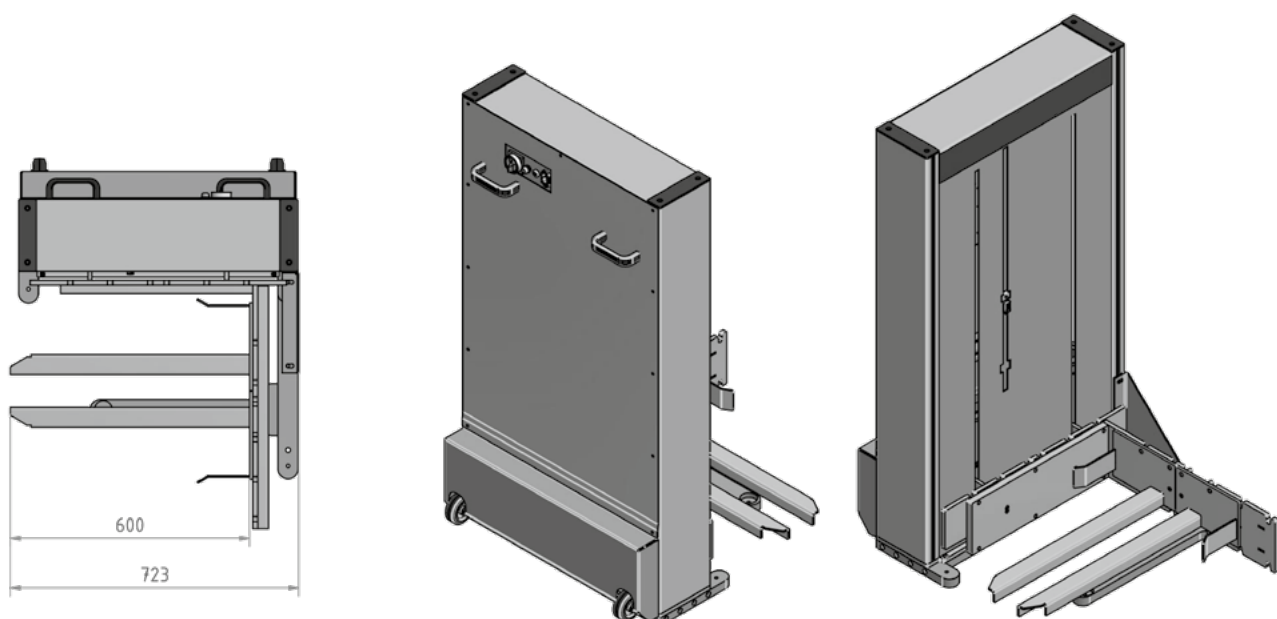
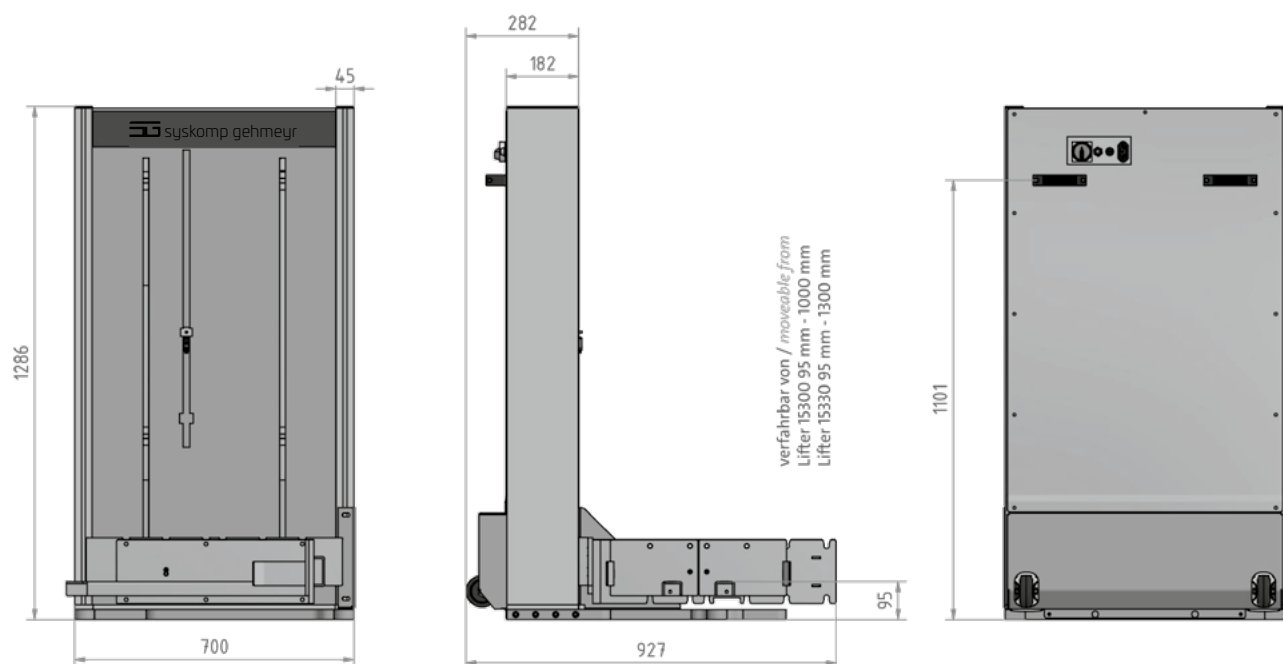
Technical data

KLT lifter 2000 (2300), side loading



Technical data

KLT lifter 3000 (3300), side loading



High-quality configuration

KLT lifter control panel

KLT lifters are not supplied with a control panel. When placing an order, please state which KLT lifter control panel you would like. You can choose between:

KLT lifter 3.5" touchscreen control panel
Order No. 14051



KLT lifter pushbutton control panel
Order No. 14052



Facts

- Emergency shut-off
- Manual mode – manual procedure
- Automatic mode – stacking and destacking controlled by photoelectric sensor
- Positioning mode – moving to set positions
- Stacking mode – stacking and destacking in definable stages

Advantages

- Updated icons – clear display
- Runtime and number of lift cycles displayed in info dialogue
- Added safety from additional checks besides those on runtime
- Two additional functions
- More potential applications
- Deactivating and activating functions via the service menu
- Company logo can be integrated
- Innovative operation

Facts

- Emergency shut-off
- Manual mode – manual procedure
- Automatic mode – stacking and destacking controlled by photoelectric sensor

Advantages

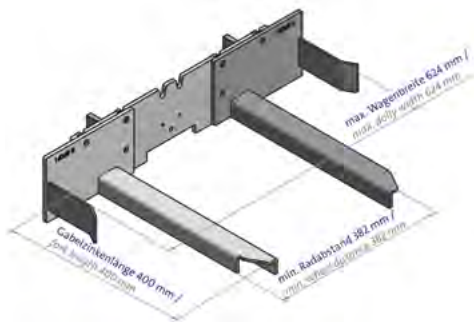
- More robust
- Simpler (user-friendly)
- Self-explanatory

High-quality configuration

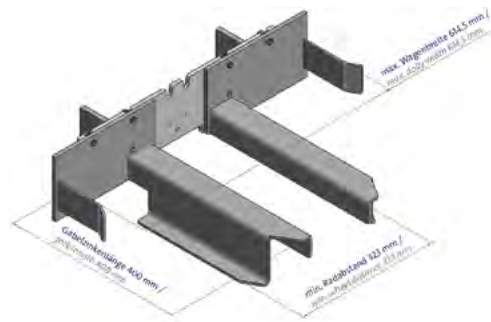
Standard forks

Technical data

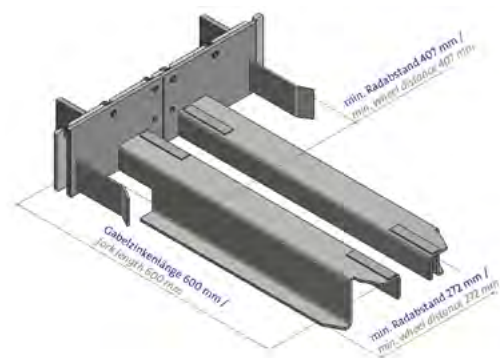
Material	Bright zinc-plated steel
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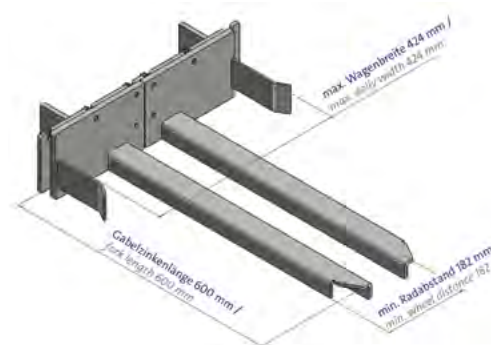
Order No. 14069



Order No. 14069.01



Order No. 14070.01



Order No. 14089 / 14070

Order configuration

Fork pair 400, side-on

Order No.	Forks, outside / min. wheel spacing [mm]	Guide tabs, spacing / max. dolly width [mm]	Max. carrying capacity [N]	Unladen weight [kg]
14069	382	624	3,000	7.4
14069.01	323	614	3,000	11.2

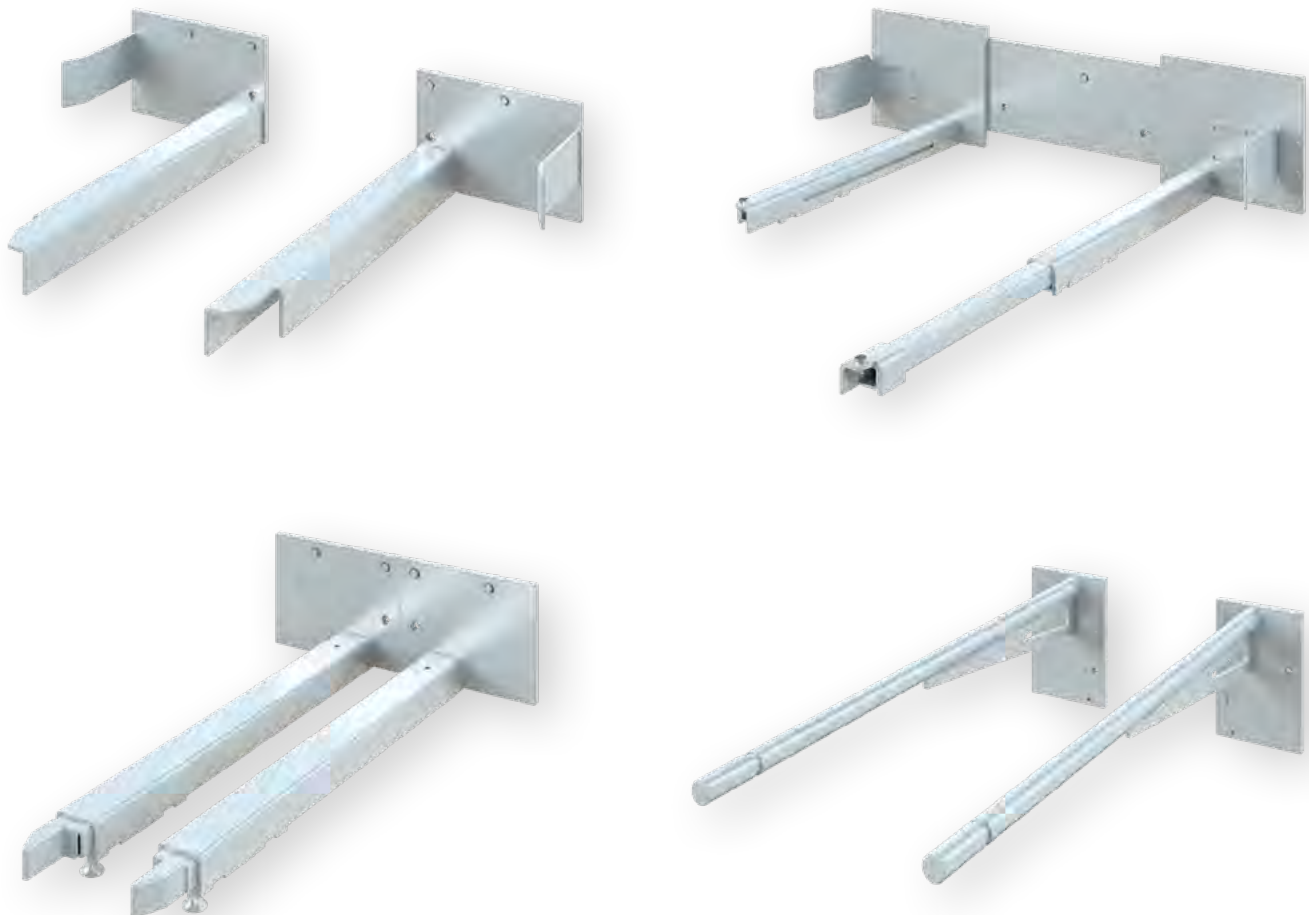
Fork pair 600, end-on

Order No.	Forks, outside / min. wheel spacing [mm]	Guide tabs, spacing / max. dolly width [mm]	Max. carrying capacity [N]	Unladen weight [kg]
14070	183	424	2,000	9.2
14070.01	272	407	3,000	14.3
14089	183	424	3,000	11.5

High-quality configuration

Custom forks

We can supply custom forks on request.
 Developing a custom fork design means that bespoke solutions can be created for any type of dolly.
 We can also supply the KLT lifter in custom heights on written request.



Compatible dollies

400 x 600

Technical data	
Material	Steel
Unladen weight [kg]	6.5
Castor diameter [mm]	100
Stackable	Yes
ESD-safe design	On request
With raised edge for flat container bases	On request



Order No. MAT-BORO-1



Order No. MAT-BORO-7B Combi



Order No. MAT-BORO-7B



Order No. MAT-BORO-3



Order No. MAT-BORO-2

Order configuration

Dolly without drawbar

Order No.	For fork pair	Swivel/fixed castors	Width [mm]	Length [mm]	Length [mm]
MAT-BORO-1	14070.01 end-on	2 / 2 (plastic)	400	600	250
MAT-BORO-2	14070.01 end-on 14069.01 side-on	4 / - (plastic)	400	600	250
MAT-BORO-3	14090.01 end-on	2 / 2 (plastic)	400	400	160

Dolly with drawbar

Order No.	For fork pair	Swivel/fixed castors	Width [mm]	Length [mm]	Length [mm]
MAT-BORO-7	14070.01 end-on	2 / 2 (plastic)	400	600	250
MAT-BORO-7B / Combi	14070.01 end-on	2 / 2 (plastic / rubber)	400	600	250

* ESD-safe design on request



Custom dollies and other custom configurations for specific requirements are available on request.

Optional accessories for your KLT lifter

Description	Order No.	Information	
Double photoelectric sensor	16110		Optimum add-on for dollies with 2 crates side by side
Height sensor	16120		Optional add-on for precise positioning in positioning mode (repeatability max. 1 mm)
Angled M12 connector	16150		5-pin, B coding, female Optional accessory: For control unit 14051/14052 for an angled cable output
Telescopic fork	14077		Material: Steel Surface: Bright zinc-plated Length of forks adjustable from min. 470 mm to max. 760 mm Outer width of forks (minimum wheel spacing) adjustable from min. 172 mm to max. 420 mm Each side guide adjustable by 75 mm Maximum outer dimensions of dolly: 454 mm - 777 mm Max. load-carrying capacity: 1,000 N
Telescopic fork	14101		Material: Steel Surface: Bright zinc-plated Length of forks adjustable from min. 445 mm to max. 730 mm (increments of 15 mm) Outer width of forks (minimum wheel spacing) adjustable from min. 405 mm to max. 205 mm (increments of 50 mm) Side guide plates each adjustable by 55 mm Maximum outer dimensions of dolly: 378 mm - 686 mm Max. load-carrying capacity: 1,000 N
Base plate for support foot	14384		For KLT lifter 3000
Central support foot	14382		
Maintenance pack/Lifter	15999		Cloths, grease, brush and instructions



Special Lifters

Technical data

Order No.	15201	15202	15203
Basic device	KLT lifter 2001	KLT lifter Basic	KLT lifter Basic
Dimensions W × H × D [mm] (not including forks)	600 × 1,216 × 290	600 × 1,516 × 290	600 × 1,216 × 290
Lifting height [mm]	95 - 950	95 - 950	95 - 950
Max. carrying capacity	1,000 N	1,000 N	2,000 N
Power supply	230 V / 50 Hz, 16 A	230 V / 50 Hz, 16 A	230 V / 50 Hz, 16 A
Current consumption	0.25 kW	0.25 kW	0.25 kW
Protection class	IP 54 IEC 529	IP 54 IEC 529	IP 54 IEC 529
Max. lifting speed	80 mm / sec.	80 mm / sec.	40 mm / sec.
Notes	No control unit	Basic device similar to standard Lifter 15201 No controller No control unit	Basic device similar to standard Lifter 15200 No controller No control unit

Order No.	15232	15303
Basic device	KLT lifter Basic	KLT lifter Basic 3000
Dimensions W × H × D [mm] (not including forks)	600 × 1,516 × 290	600 × 1,516 × 290
Lifting height [mm]	95 - 1,250	95 - 1,000
Max. carrying capacity	2,000 N	3,000 N
Power supply	230 V / 50 Hz, 16 A	230 V / 50 Hz, 16 A
Current consumption	0.25 kW	0.56 kW
Protection class	IP 54 IEC 529	IP 54 IEC 529
Max. lifting speed	40 mm / sec.	40 mm / sec.
Notes	Basic device similar to standard Lifter 15230 No controller No control unit	Basic device similar to standard Lifter 15300 No controller No control unit

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Wherever you need us, we are there

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