

PROFILIFT



HIGH PRODUCTIVITY
WITH IMPROVED WORK SAFETY

bastian industrial handling GmbH

As an industrial service provider, we have been closely linked to the processing industry since 1991 and our clients consider us a trustworthy partner in quality assurance and control, installation, reworking, warehousing, picking, packaging and shipping. More information at www.industrial-handling.de

The day-to-day tasks of our demanding, quality-conscious clients have encouraged us and shown us the need to develop an innovative, technologically mature, modular product

The in-depth knowledge from our different departments together with strict technical requirements led us to develop our custom-fit ProfiLift material lift until it was ready for serial production and launch onto the market.

In addition to standard serial production products in our ProfiLift line, we now also manufacture an extensive range of different special material lifts.

Certified to DIN ISO 9001:2008, we offer you as a client the safety standard that you require. Manufacture of our ProfiLift product line and all special lifts are subject to the **CE** guidelines and all products are German made.



Professionals plan productively...



Ergonomics in the workplace is becoming increasingly more important. Employees should be exposed to as little physical strain as possible to minimize absenteeism due to health problems.

When it comes to continuous lifting, unsuitable equipment may lead employees to adopt the wrong posture and cause considerable damage to health. We have developed a product which helps to ensure ergonomic work practices and results in a reduced work load and greater productivity.

Continuously adjustable, the ProfiLift product line lifts boxes, crates, pallets and trolleys with a maximum total load of 500 kg to the required height.

Thanks to its compact design, Profilift can be easily incorporated into production and assembly lines and intelligent integrated machine systems, thus improving productive efficiency.

As we manufacture our entire ProfiLift product line in house, we are able to develop CE-certified models tailored to your individual requirements in addition to standard models.

ProfiLift = minimum installation space + maximum performance
Made in Germany

PROFILIFT BASIC

The classic model

ProfiLift Basic as a stationary model – for integration into the perfect interlinked machine system and a useful little helper at workstations.




*Different lifting gear available on request. You can find examples under ProfiLift accessories.

Technical data (standard design)

Unit height	1,450 mm
Lifting height	800 mm, 1,000 mm, 1,250 mm
Lifting weight	250 kg
Type	Stationary
Tare weight	92 kg
Unit dimensions	1,450 x 420 x 360 mm (HxWxD)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your ProfiLift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, freely rotating and adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- Stainless steel design
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA automatic safety switch-off device (page 11)
- PLC controller (page 12)
- ESD feature
- ATEX  protection
- Lifting load up to 500 kg
- Lifting height up to 3,000 mm

Areas of use

- ☐ Testing station/platform workstation
- ☐ Assembly workstation
- ☐ FIFO station system with dollies, small load carriers and other containers
- ☐ Can also be supplied as a pallet lift

We supply your ProfiLift with:

- ☐ Standard dollies, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT BASIC LAFETTE

The semi-mobile model

**ProfiLift Basic as a semi-mobile model – portable without load.
Greater stability thanks to mount lowering when loaded.**




*Different lifting gear available on request. You can find examples under ProfiLift accessories.

Technical data (standard design)

Unit height	1,475 mm
Lifting height	800 mm, 1,000 mm, 1,250 mm
Lifting weight	250 kg
Type	Stationary/semi-mobile
Tare weight	110 kg
Unit dimensions	1,475 x 420 x 360 mm (HxWxD)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your ProfiLift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, freely rotating and adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- Stainless steel design
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA automatic safety switch-off device (page 11)
- PLC controller (page 12)
- ESD feature
- ATEX  protection
- Lifting load up to 500 kg
- Lifting height up to 3,000 mm

Areas of use

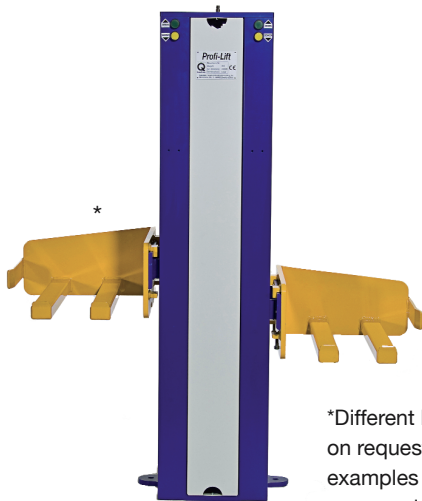
- ☐ Testing station/platform workstation
- ☐ Assembly workstation
- ☐ FIFO station system with dolly, small load carriers and other containers
- ☐ Can also be supplied as a pallet lift

We supply your ProfiLift with:

- ☐ Standard dollies, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT Duo

The dual-lift model




*Different lifting gear available on request. You can find examples under Profilift accessories.

Technical data (standard design)

Unit height	1,450 mm
Lifting height	800 mm, 1,000 mm, 1,250 mm
Lifting weight	250 kg
Type	Stationary
Tare weight	140 kg
Unit dimensions	1,450 x 420 x 390 mm (HxWxD)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your Profilift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, freely rotating and adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- Stainless steel design
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA automatic safety switch-off device (page 11)
- PLC controller (page 12)
- ESD feature
- ATEX  protection
- Lifting load up to 500 kg
- Lifting height up to 3,000 mm

Areas of use

- ☐ Testing station/platform workstation
- ☐ Assembly workstation
- ☐ FIFO station system with dollies, small load carriers and other containers
- ☐ Can also be supplied as a pallet lift

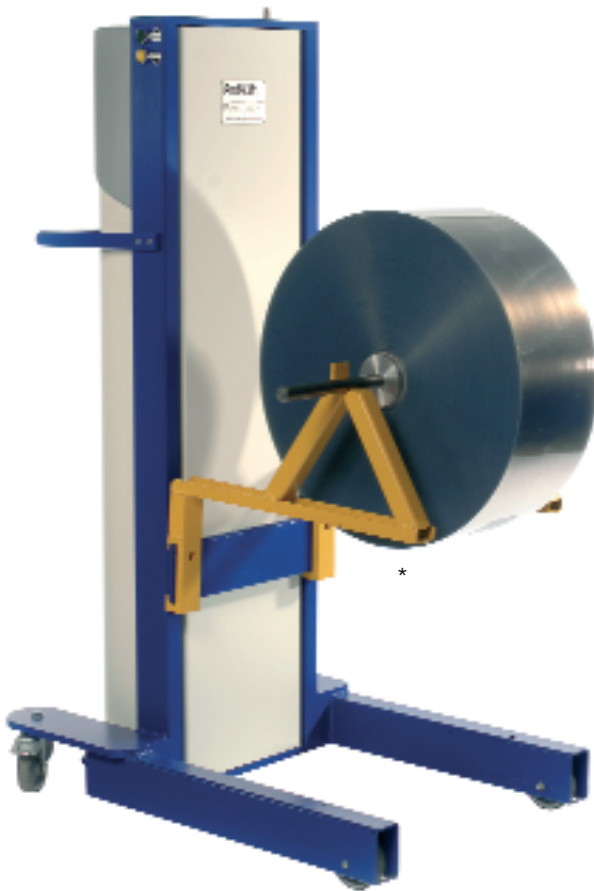
We supply your Profilift with:

- ☐ Standard dollies, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT MOBIL

The mobile model

Flexible use for all workstations – Mobile and with different lifting heights, the ProfiLift Mobil offers optimum versatility.




*Different lifting gear available on request. You can find examples under ProfiLift accessories.

Technical data Standard design

Unit height	1,475 mm
Lifting height	800 mm, 1,000 mm, 1,300 mm
Lifting weight	250 kg
Type	Mobile
Tare weight	130 kg
Unit dimensions	1,475 x 620 x 950 mm (HxWxD)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Includes safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your ProfiLift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, freely rotating and adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- Stainless steel design
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA automatic safety switch-off device (page 11)
- PLC controller (page 12)
- ESD device
- ATEX  protection
- Lifting load up to 500 kg
- Lifting height up to 3,000 mm

Areas of use

- ☐ Testing station/platform workstation
- ☐ Assembly workstation
- ☐ FIFO station system with dolly, small load carriers and other containers
- ☐ Can also be supplied as a pallet lift

We supply your ProfiLift with:

- ☐ Standard dolly, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT TWIST

The rotating model

ProfiLift Twist can rotate and lift as required by the user to ensure ergonomic work processes.




*Different lifting gear available on request. You can find examples under ProfiLift accessories.

Technical data (standard design)

Unit height	1,510 mm
Lifting height	800 mm, 1,000 mm, 1,3000 mm
Lifting weight	250 kg
Pneumatic brake	Continuously adjustable through 360° and lockable in position
Tare weight	120 kg
Unit dimensions	1,510 x 504 mm (hxØ)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your ProfiLift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, continuously rotating and freely adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- Stainless steel design
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA safety switch-off device (page 11)
- PLC controller (page 12)
- ESD device
- ATEX  protection
- Lifting load up to 500 kg
- Lifting height up to 3,000 mm

Areas of use

- ☐ Testing station/platform workstation
- ☐ Assembly workstation
- ☐ FIFO station system with dolly, small load carriers and other containers
- ☐ Can also be supplied as a pallet lift

We supply your ProfiLift with:

- ☐ Standard dolly, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT JUNIOR

The compact model

A space-saver, ProfiLift Junior will fit under all workbenches and ensures optimum handling.




*Different lifting gear available on request. You can find examples under ProfiLift accessories.



Technical data (standard design)

Unit height	1,050 mm
Stroke height	850 mm
Lifting weight	250 kg
Type	Stationary, rotating, mobile
Tare weight	81 kg
Unit dimensions	1,050 x 420 x 360 mm (HxWxD)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your ProfiLift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, freely rotating and adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- Stainless steel design
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA automatic safety switch-off device (page 11)
- PLC controller (page 12)
- ESD feature
- ATEX  protection
- Lifting load up to 500 kg

Areas of use

- ☐ Testing station/platform workstation
- ☐ Assembly workstation
- ☐ FIFO station system with dollies, small load carriers and other containers
- ☐ Can also be supplied as a pallet lift

We supply your ProfiLift with:

- ☐ Standard dollies, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT CLEAN

The sleek model

ProfiLift Clean in a stainless steel design, V4A, brush-finished matte , for cleanrooms and food handling areas – Spotlessly clean.




*Different lifting gear available on request. You can find examples under ProfiLift accessories.

Technical data (standard design)

Unit height	1,450 mm
Lifting height	800 mm, 1,000 mm, 1,300 mm
Lifting weight	250 kg
Type	Stationary
Tare weight	92 kg
Unit dimensions	1,450 x 420 x 360 mm (HxWxD)
Drive type:	
– Compressed air	6–8 bar
– Electric	230 V
Safety features such as:	
– Securing straps	
– Safety stop valve	

Extras for your ProfiLift

- Electric/pneumatic box gripper
- Box tilting module
- Lift and rotate module
- Mounting platform, freely rotating and adjustable position
- Pneumatic lift limitation, freely adjustable, pneumatic remote control
- RAL coating on unit of your choice
- Lifting gear/load handling device, dolly, trolley
- Conversion kit (to change lifting height), power strip (230/400 V + compressed air)
- SIA automatic safety switch-off device (page 11)
- PLC controller (page 12)
- ESD feature
- ATEX  protection
- Lifting load up to 500 kg
- Lifting height up to 3,000 mm

Available in the Basic, Mobil, Twist and Junior variants.

Areas of use

- ☐ Cleanrooms
- ☐ Food production
- ☐ Laboratories
- ☐ Testing stations
- ☐ Assembly workstations
- ☐ Hospitals

We supply your ProfiLift with:

- ☐ Standard dollies, 600 x 400 mm (other sizes available)
- ☐ Small load carriers, plastic containers in all sizes
- ☐ FIFO station systems

PROFILIFT WITH AUTOMATIC SAFETY SWITCH-OFF DEVICE (SIA)

The safe lift

This active safety device offers reliable safety in all models if the lift should be used incorrectly.

If the SIA device is triggered, the lift load is stopped from lowering and the lift fork is automatically raised again by a preset distance.



- ☐ The SIA device can be integrated into the lifting fork or the lifting mechanism
- ☐ You can also retrofit your existing material lifts – including those by other manufacturers – with our SIA safety package.



PROFILIFT SPS

The automatic model

The PLC-controlled ProfiLift ensures materials are provided ready for use efficiently using an ideal, ergonomic approach.

Ergonomics at workstations focuses on the user, helps to motivate them and ensures fewer stoppages, greater concentration and higher output while maintaining quality standards day after day.

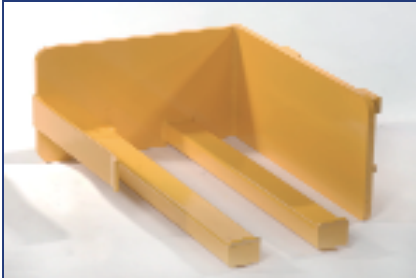
You will receive our complete ProfiLift product line with controls tailored to your specific use requirements, such as:

- Preprogrammed PLC controls
- Fully adjustable program sequences
- Lifting height detected by a sensor
- Other variants

You can also reduce your provision costs thanks to the use of the ProfiLift product line with PLC controls.



In addition to our standard lifting equipment, we will also manufacture other load handling devices customized to your specific needs. Just ask us.



Lifting fork, side loading, DIN right-hand, fork length: 610 mm



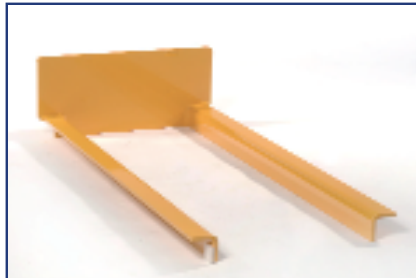
Lifting fork, side loading, DIN left-hand, fork length: 610 mm



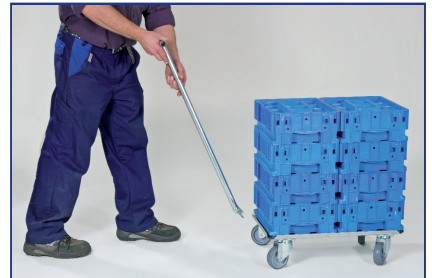
Lifting fork, front loading, fork length: 610 mm



Lifting fork, lateral loading



Lifting fork, front loading, for Euro/disposable pallets



Dolly with push handle



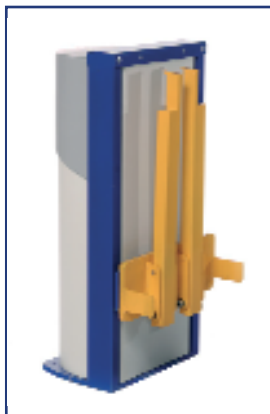
Trolley



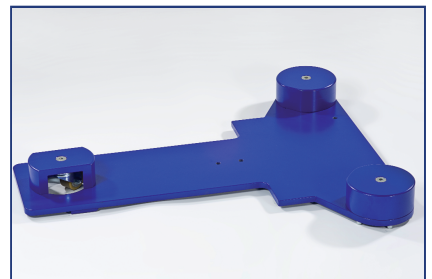
Dolly



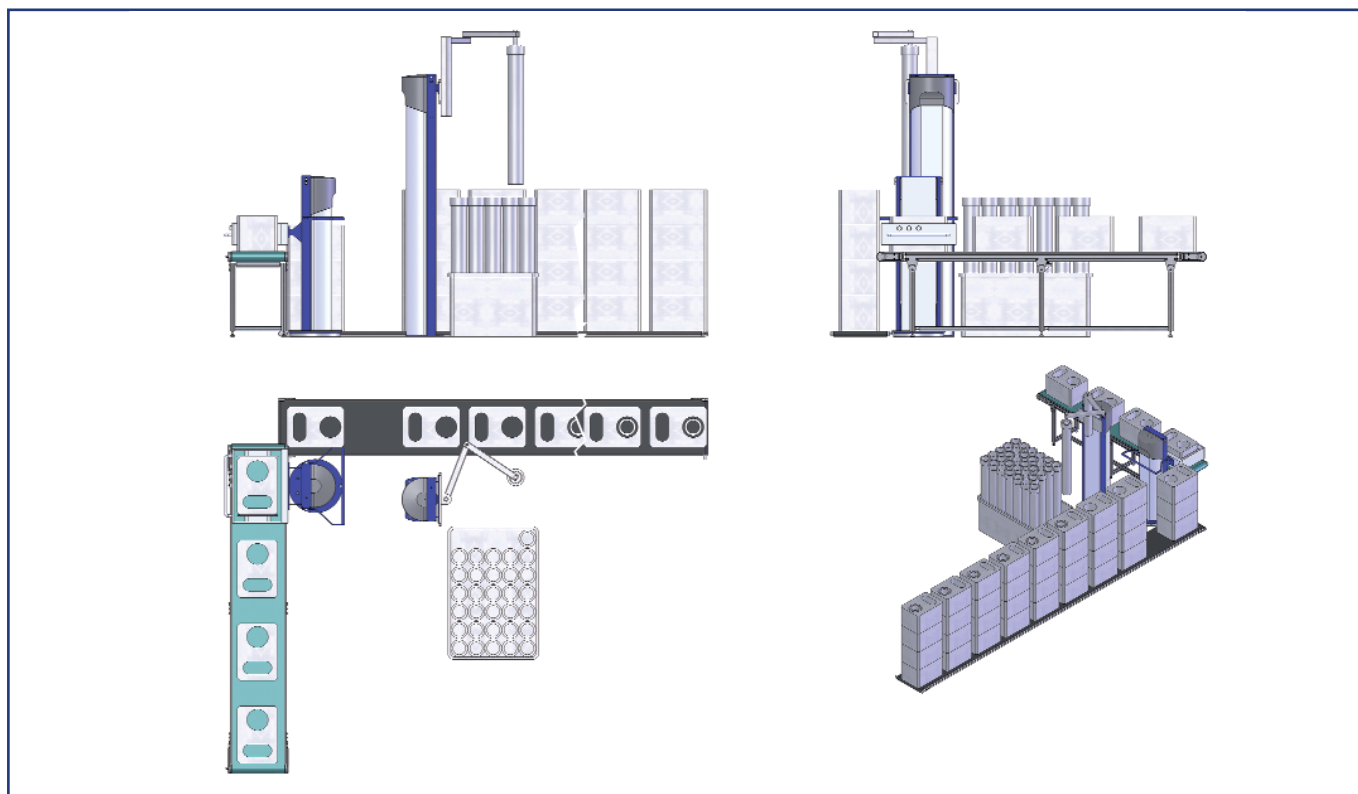
Lifting fork, coil load mount



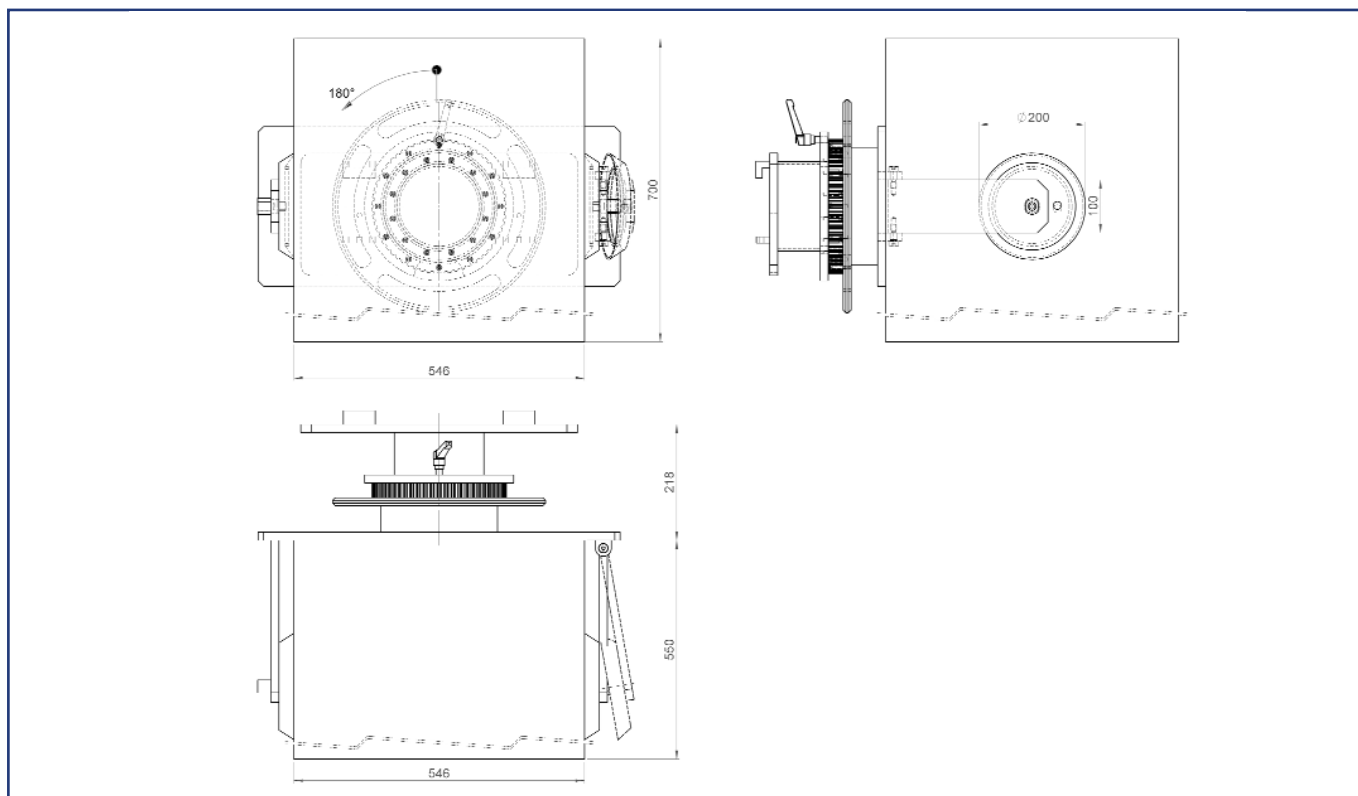
Lifting fork, folding, fork length as required



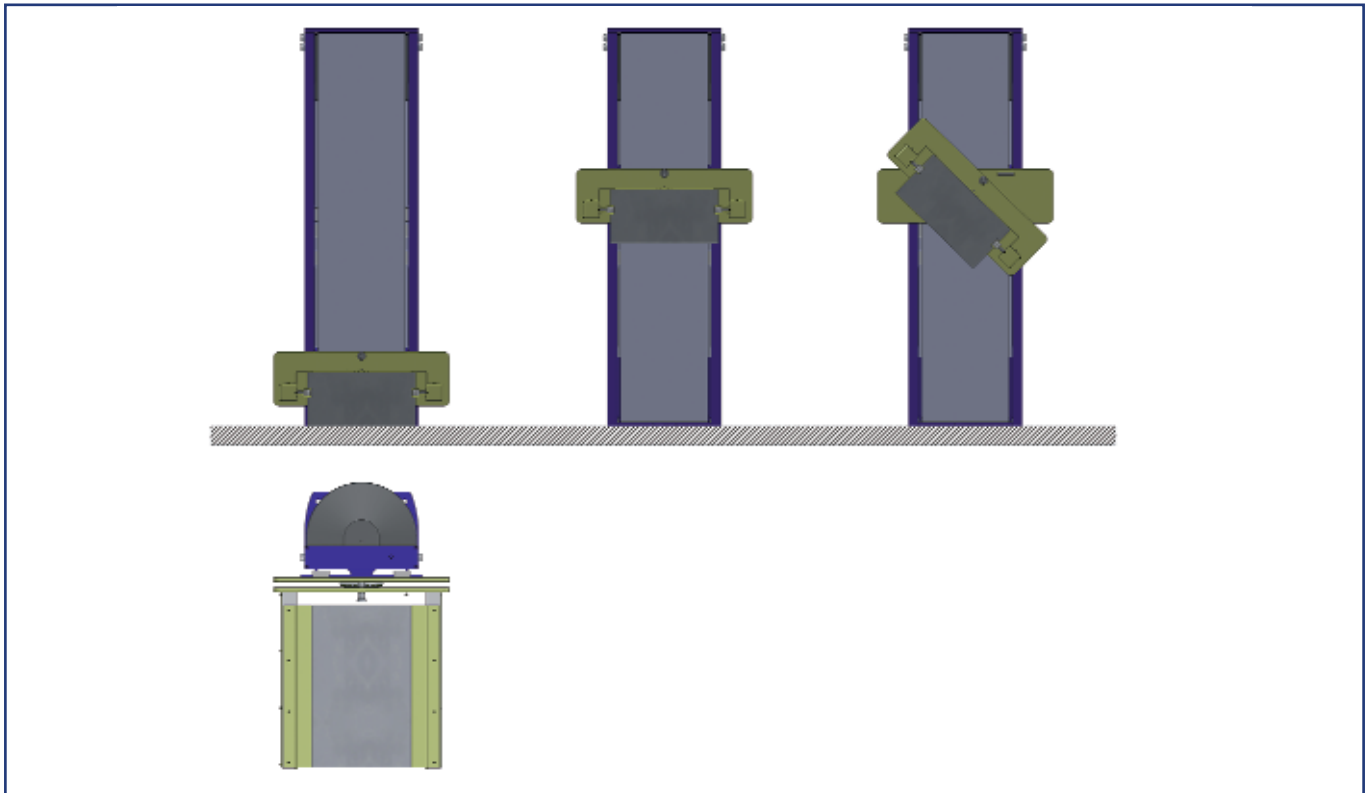
Mount



ProfiLift Twist & ProfiLift Basic for mounting stone element assemblies



Component can be raised using a vacuum suction cup and then rotated to the required position.

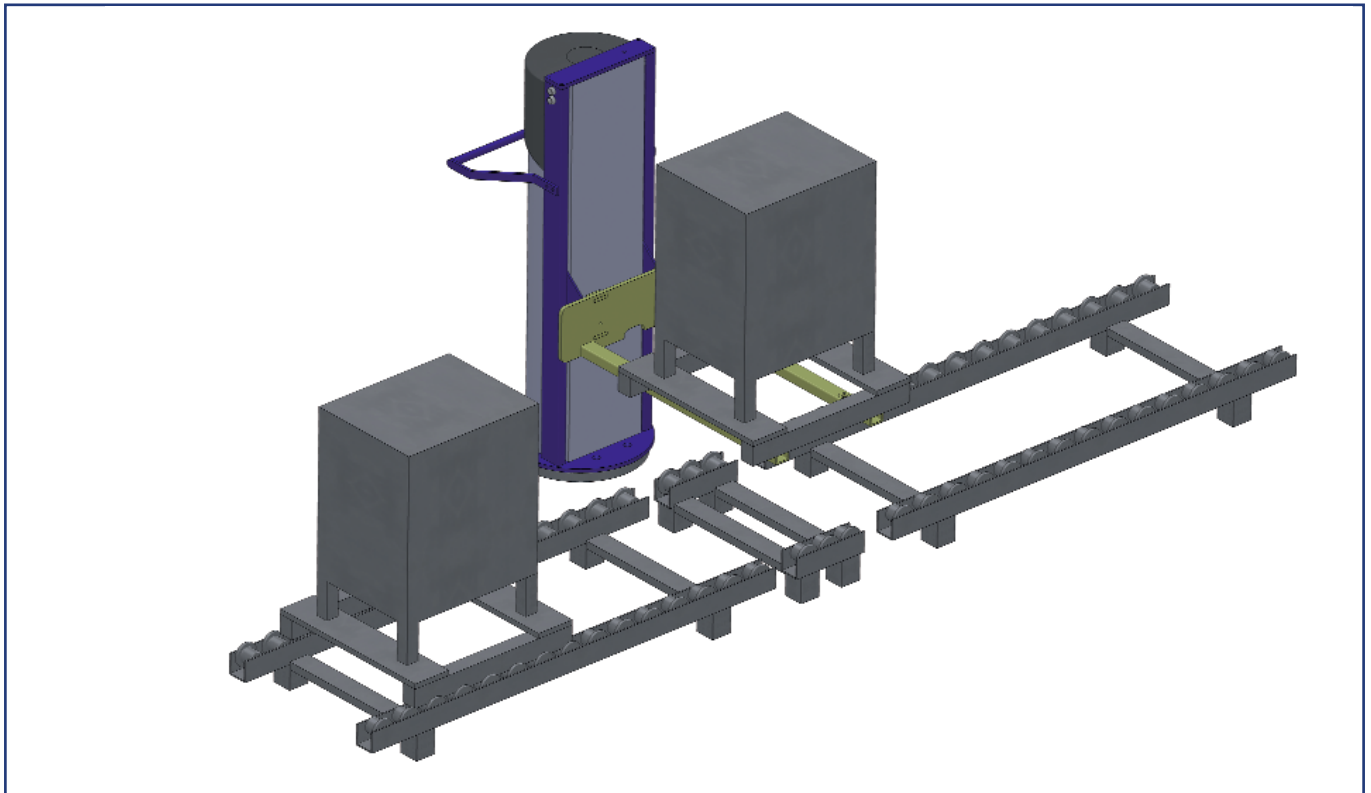


The pneumatic box gripper takes the topmost box and moves it to an ergonomic work height. The box can be tilted towards the operator and locked into position, making it easier to remove parts from the box.

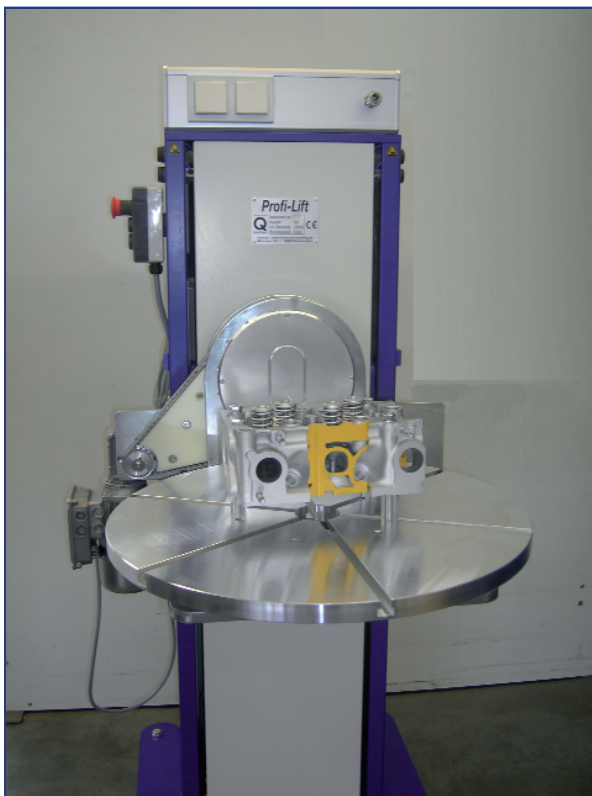


Profilift Basic Clean

- Stainless steel variant for cleanrooms
- Lifting height: 2,300 mm
- 500 kg bearing capacity
- With different safety systems

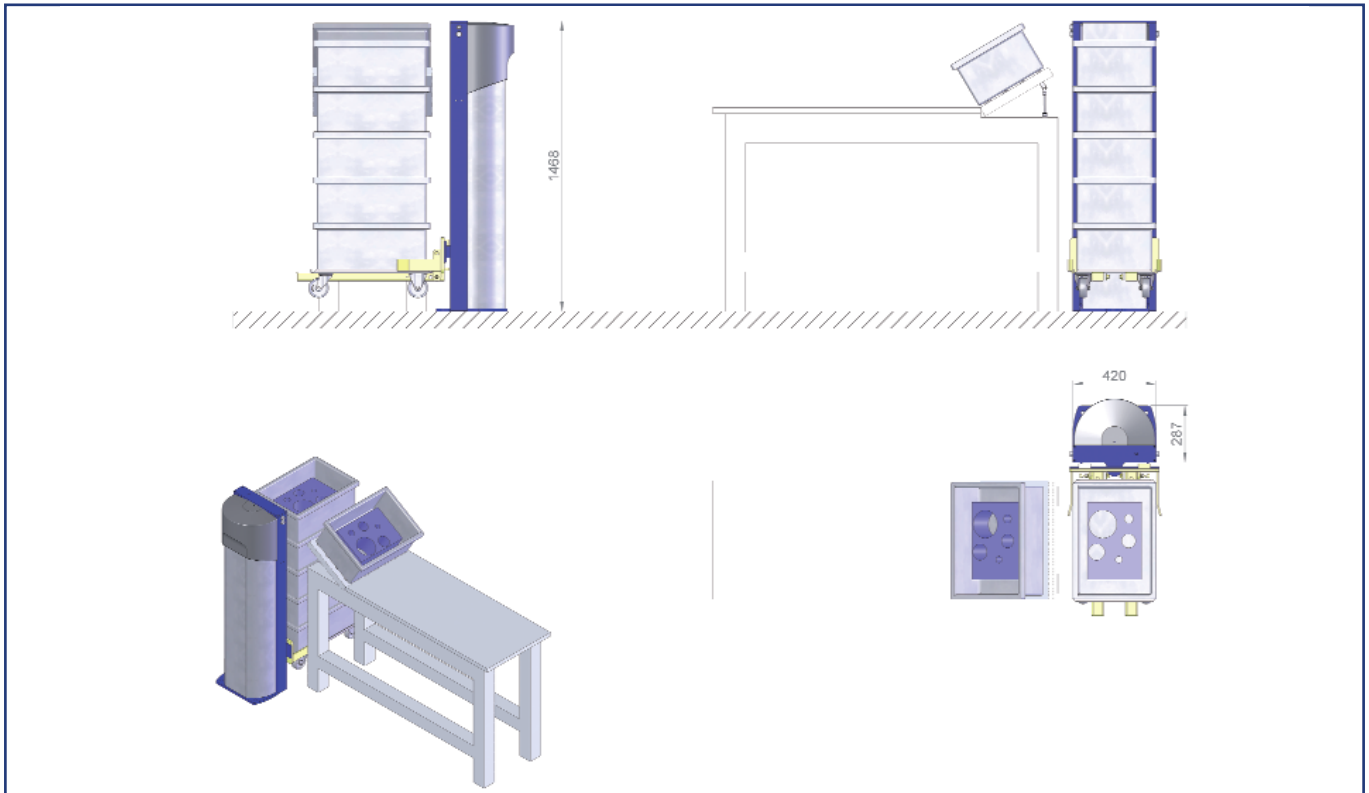


ProfiLift as a lifting and rotating assembly station in a production line

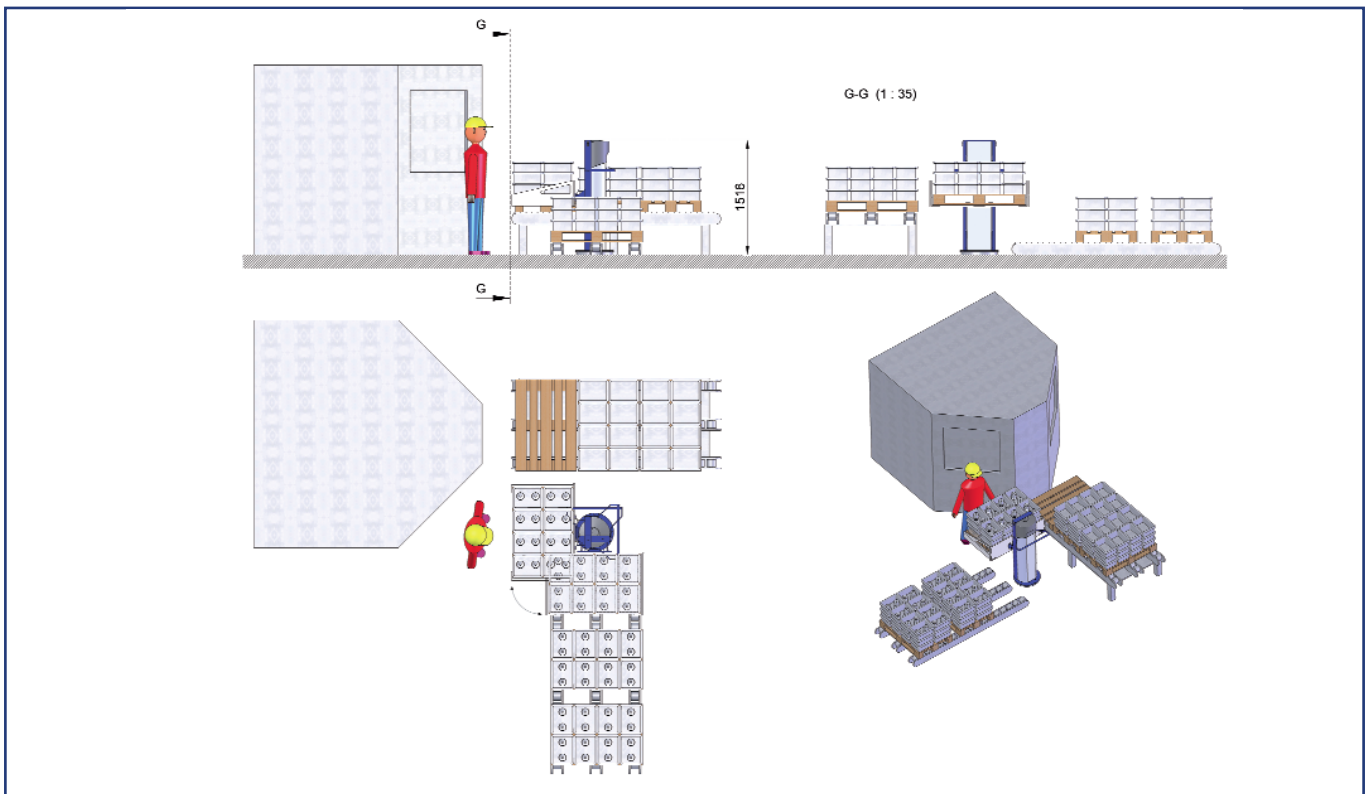


ProfiLift assembly workstation

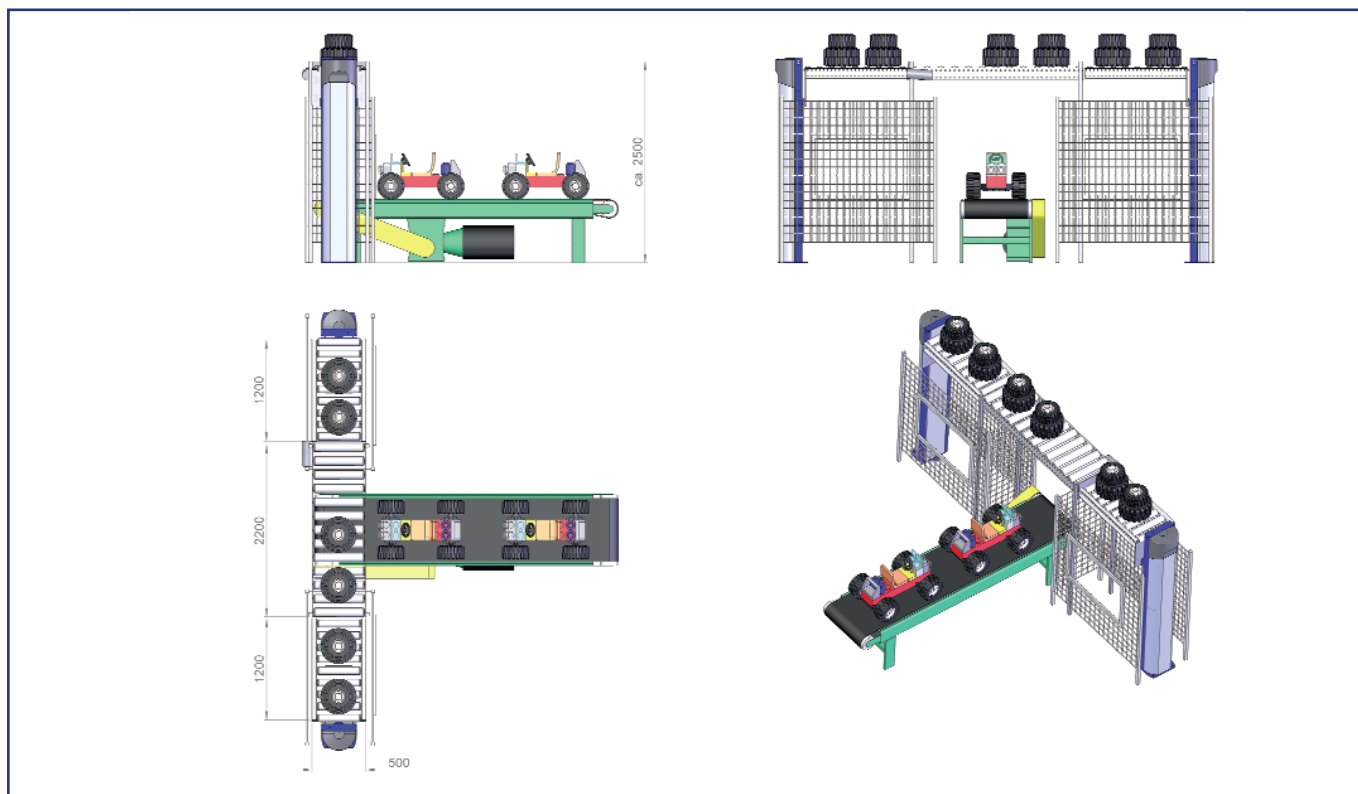
- 360° rotation
- 360° horizontal platform
- 360° axis
- Placed in any position using the motor drive
- Up to 500 kg
- Raise & lower to ideal work/assembly height
- Available with power strip
- Can be supplied for all ProfiLift models



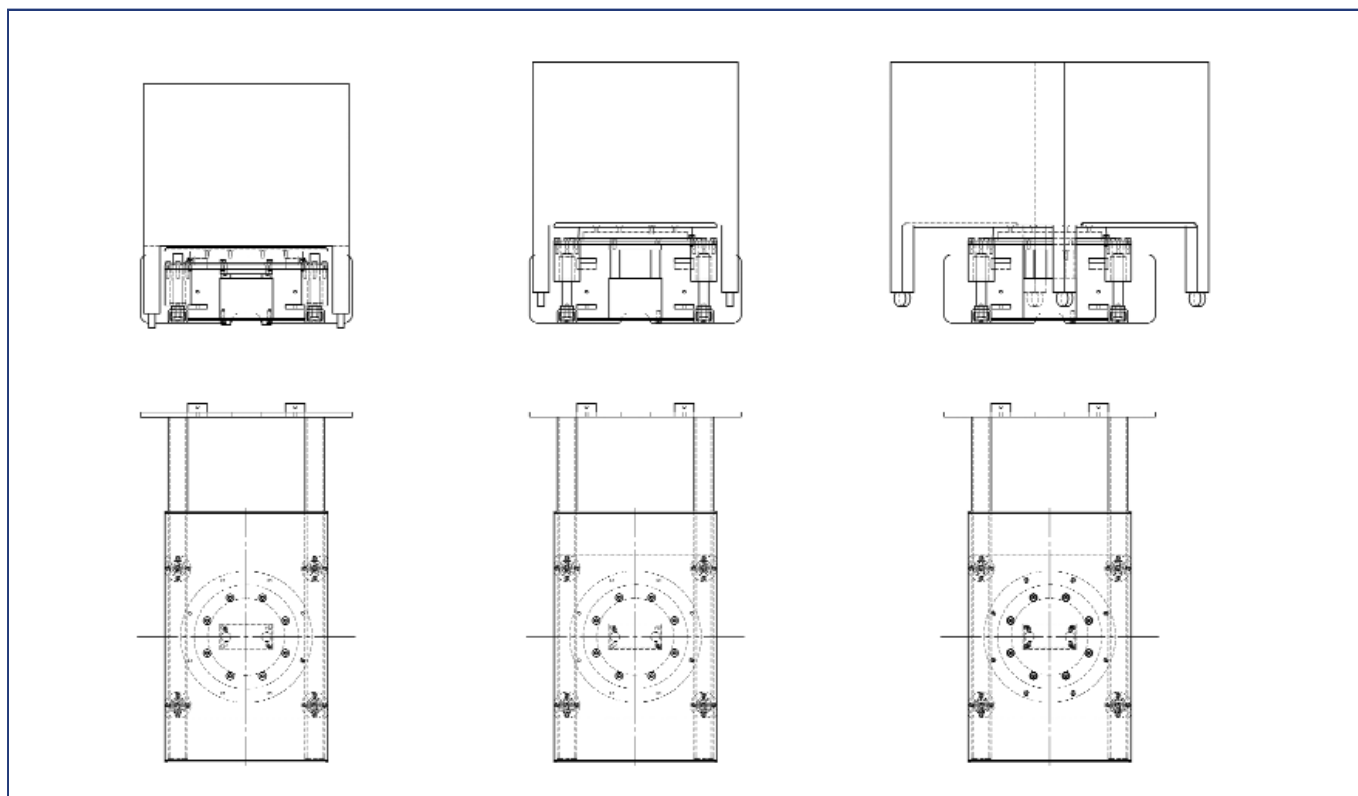
Workstation with integrated, pneumatic, 2-hand box tilter



ProfiLift Twist – Ergonomic machine loading/part removal, FIFO station



ProfiLift system solution – cost-effective parts feeder to a production line



Lifting device with turntable and additional lifting function

FIFO STATION

Ensure optimally organized processes with a FIFO station

In first in-first out stations, fixed rails are used to convey dollies, material handling carts and picking carts. Tailored to your available space and needs, a FIFO station can integrate into all work areas efficiently with its compact design. The system allows material feeds to be standardized easily for production, thus ensuring optimally organized, transparent processes.

A FIFO station offers you:

- ☐ Process reliability for operation sequences
- ☐ Efficient materials management
- ☐ Quick overview of material availability
- ☐ Clear visualization for the user/operator
- ☐ Prevention of mix-ups
- ☐ Staff savings for materials provision
- ☐ Easy FIFO system maintenance
- ☐ Identification according to production status, model part number, production batch

Areas of use:

- ☐ Picking
- ☐ All production areas
- ☐ Warehousing

We supply your FIFO station with:


- ☐ Station system housing with identification accessories
- ☐ Forklift-resistant base identification
- ☐ Dollies, special sizes also available
- ☐ Container identification
- ☐ General warehouse identification
- ☐ Storage position identification





Inquiry form – See rear

Send by fax on: +49 6332 479 999
or by e-mail to: info@industrial-handling.de



Inquiry form

ProfiLift

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Send by fax on: +49 6332 479 999
or by e-mail to: info@industrial-handling.de

Company

Street/no.:

Zip code, city

Phone

Fax

E-mail

Name

Department:

I am interested in:

ProfiLift

	Lifting weight		Lifting height			Drive type		Quantity
	250 kg	500 kg	800	1000	1250	Electric	Pneumatic	
0 Junior								
0 Basic								
0 Basic with mount								
0 Duo								
0 Mobil								
0 Twist								
0 Clean								

Accessories

Load handling device	Front loading	Lateral load. DIN left-hand	Lateral load. DIN right-hand	Quantity
Lifting fork for dolly, 600 x 400 mm				
Pallet fork, 1,200 x 800 mm				
Special lifting fork on request				
Dolly	4 casters	2 x blocks; 2 x casters	with brake	Quantity
Dolly, 400 x 600 mm				
Dolly, 600 x 800 mm				
Special sizes on request				

Options for your ProfiLift



Remote operation



PLC



SIA



ESD



PROFILIFT

*Protect your
employee's
back...*



*Thanks to
ergonomics
in the workplace!*



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