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WORKPLACE SYSTEMS 2024

Lifting tables | Assembly tables | Tilting/Turning



Lifting tables · Assembly tables · Tilting/Turning

Benefit from our experience

EXPERIENCE BARTH:

Opening hours:

Mon – Thu: 8 am – 12 pm
1 pm – 5 pm

Fri: 8 am – 1 pm

BARTH GmbH

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barth-maschinenbau.de
barth-shop.de

Ask us - we will be glad to assist you:

- in selecting the right lifting table and work table
- in optimizing your workplace
- in solving your assembly problems
- for difficult applications with our custom-made products

We are looking forward to your visit!



Instant information:

+49 8621 5050 600 or
info@barth-maschinenbau.de

Google Maps:

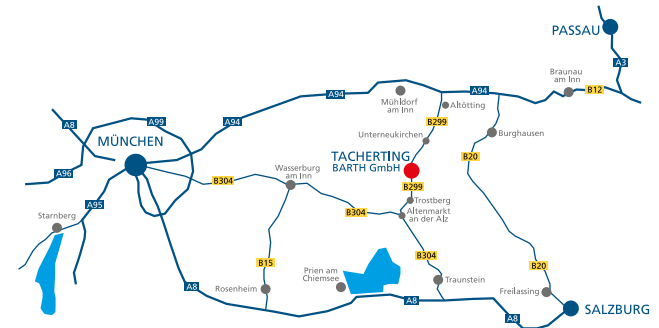


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01 Lifting tables



Starting page 4

02 Assembly tables



Starting page 16

03 Tilting/turning



Starting page 32



NEW!

Welcome to our new

BARTH online shop!

Explore the brand new BARTH online shop:
Our wide range of products, exclusive offers and easy
order processing are waiting for you.

www.barth-shop.de

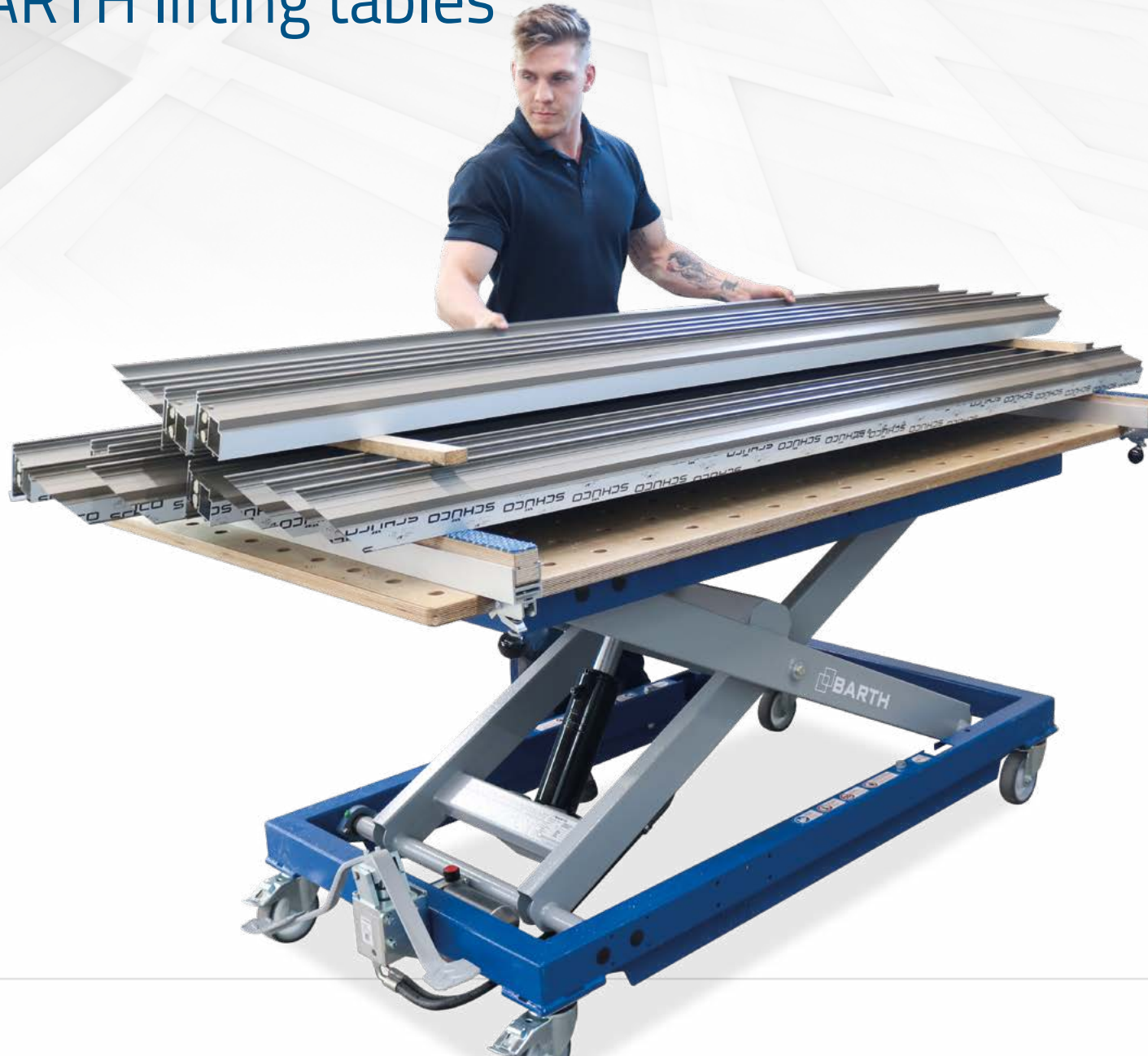


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Flexible, manoeuvrable and stable - your helpers in any workplace

BARTH lifting tables



Lifting tables

H 330

Page 6



- › Worktop: 1,245 x 740 mm
- › Max. load: 330 kg

H 350 XL

Page 8



- › Worktop: 2,000 x 1,015 mm
- › Max. load: 350 kg

H 600

Page 10



- › Worktop: 2,000 x 1,015 mm
- › Max. load: 600 kg

H 850

Page 10



- › Worktop: 2,000 x 1,015 mm
- › Max. load: 850 kg

H 1000

Page 12



- › Worktop: 2,000 x 1,015 mm
- › Max. load: 1,000 kg

H 1000 pro

Page 14



- › Worktop: 2,000 x 2,000 mm
- › Max. load: 1,000 kg

Flexible, manoeuvrable and stable

The new lifting table H 330

The H 330 lifting table offers you a compact and comfortable transport solution. The continuously adjustable worktop allows workpieces to be picked up easily and safely. It is therefore optimally equipped for use in practice and a perfect companion for any production. The H 330 is ideal for transporting workpieces through your workshop or for loading machines. The lifting table impresses with its robust base frame, stable steering rollers and maintenance-free hydraulic height adjustment with foot pump. Thanks to its elegant appearance and user-friendly operation, it supports everyday work and takes things to a new level.



Easy to handle

Perfect size and weight for a transport cart, with milled grips in the worktop



Extremely manoeuvrable

The steering rollers allow longitudinal or cross movements, for long parts, 2 steering rollers can be locked in this direction.



Longitudinal pull-out
(optional) on both sides
400 mm each

Different types of height adjustment are available



➤ Electric drive
eDRIVE
(230 V, max. 300 kg)



➤ Electric drive
accuDRIVE
(12 V, max. 300 kg)



➤ Standard
foot-pumped
hydraulic system



➤ ESD variant
upon request



Technical data H 330

- Multiplex worktop with 2 grips, 1,245 x 740 mm
- Load 330 kg
- Base frame in solid construction
- 2 steering rollers with brake Ø 125 mm
- 2 steering rollers with direction lock Ø 125 mm
- Supplied in a ready assembled condition
- Footprint L x W x H: 1,350 x 740 x 490 – 1,070 mm

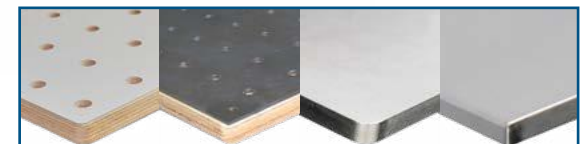
large adjustment range
from 490 mm – 1,070 mm



User video



- high-quality castors
smooth-running, 2x with brake
and 2x with direction lock
- High-quality hydraulics
"Made in Germany"
- Base frame
in solid construction



Different worktops are available

For overview, refer to page 15

Ergonomic work with a large worktop

Lifting table H 350 XL

The lifting and work table H 350 XL is a modern, mobile work table with large worktop which individually and ergonomically adapts to your workpieces and especially to your posture. The height is adjusted by a foot-pumped hydraulic system which can be operated from both longitudinal sides. The easy-to-operate hydraulic unit always drives the work top to the desired height position. The large adjustment range from 500 mm to 1,150 mm offers you the advantage that both small and large workpieces can be processed at a comfortable working height.

Comfortable
foot-pumped hydraulic system, operable on both sides

Quality
Foot pump with overload protection powder-coated surfaces



Longitudinal pull-out (optional) on both sides 650 mm each

Different types of height adjustment are available

> Electric drive eDRIVE (230 V, max. 300 kg)

> Electric drive accuDRIVE (12 V, max. 300 kg)

> Standard foot-pumped hydraulic system

> ESD variant upon request

Technical data H 350 XL

- Lifting table 350 XL with multiplex plate 2,000 x 1,015 x 24 mm, max. load 350 kg
- Foot-pumped hydraulic system with overload protection
- Operation of hydraulic system on both sides
- 2 steering rollers with brake Ø 125 mm
- 2 steering rollers with direction lock Ø 125 mm
- Footprint L x W x H: 2,000 x 1,015 x 500 up to 1,150 mm

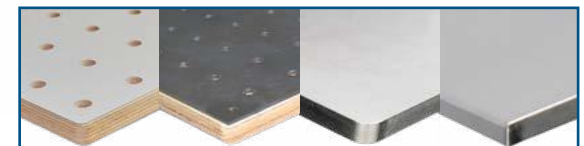
large adjustment range
from 500 mm – 1,150 mm



User video



- **High-quality castors**
smooth-running, 2x with brake and 2x with direction lock
- **Foot-pumped hydraulic system** on both sides, operable on both longitudinal sides with overload protection
- **Worktop**
Standard: 2,000 mm x 1,015 mm
expandable with longitudinal and cross pull-outs to max. 3,000 x 2,200 mm



Different worktops are available

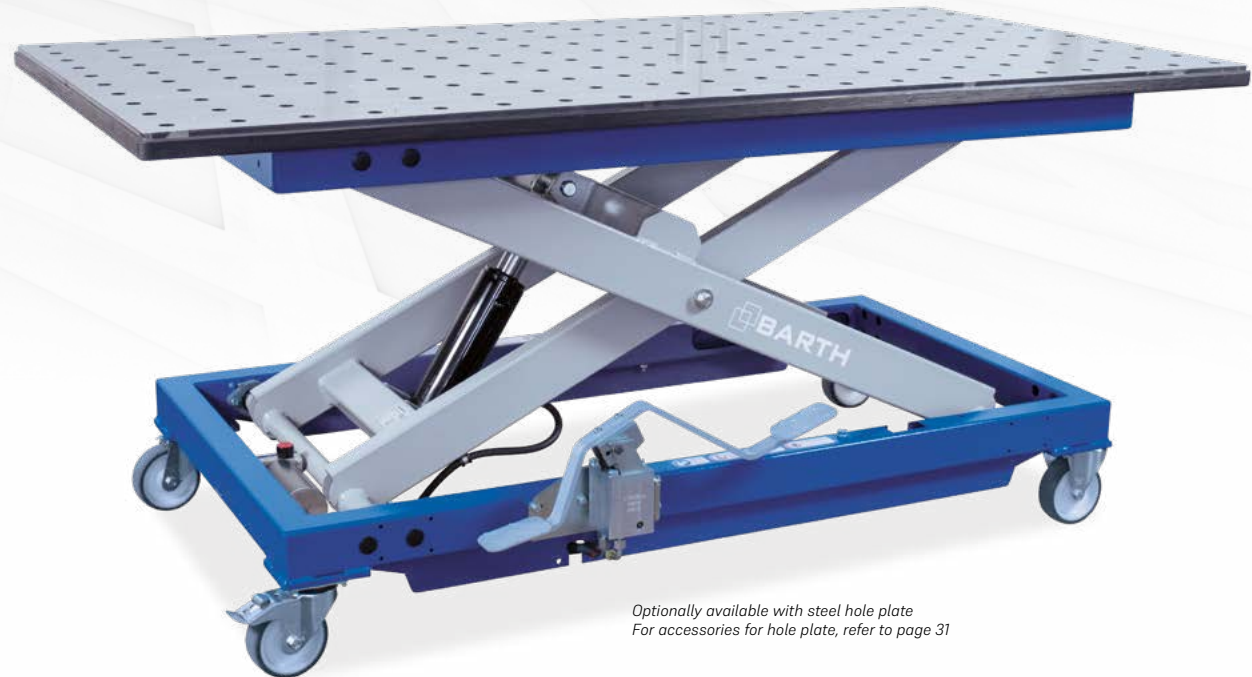
For overview, refer to page 15

The power package with quick stroke

Lifting table H 600 / H 850

The work and lifting tables of the 600 or 850 series handle more weight without any problems. Workpieces up to a weight of 600 kg or 850 kg can be processed, lifted and transported without any problems.

Height adjustment is ensured by a 2-step quick stroke hydraulic system and can be adjusted continuously from 450 mm to 1,100 mm.

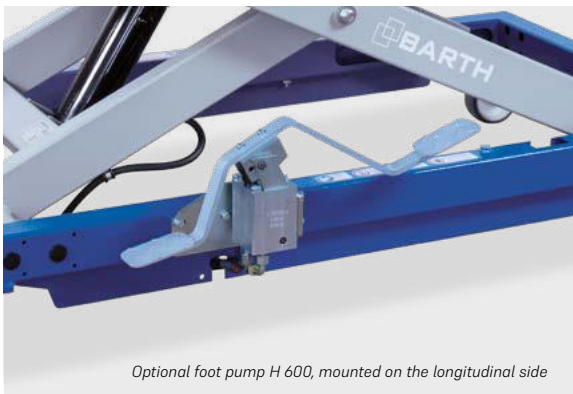


*Optionally available with steel hole plate
For accessories for hole plate, refer to page 31*

Comfort

The foot pump chooses automatically the right step.

1. step: Quick lift for small loads
2. step: Easy lift for loads up to 600 kg or 850 kg



Optional foot pump H 600, mounted on the longitudinal side



Optional foot pump H 850, mounted on the longitudinal side

Technical data lifting table H 600 / H 850

- Lifting table H 600, load 600 kg
- Lifting table H 850, load 850 kg
- 2 steering rollers with brake Ø 125 mm
- 2 castors Ø 125 mm
- 2-step foot-pumped hydraulic system, optionally attached to the front or longitudinal side
- Footprint L x W x H:
2,000 x 1,015 x 450 – 1,100 mm

Multi-talent

large adjustment range
from 450 mm – 1,150 mm



Fig. H 600

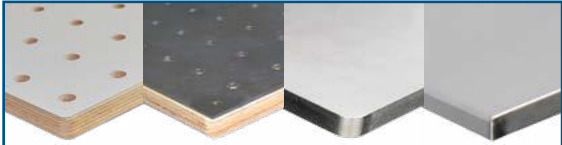
User video

H 600 / H 850

- 600 kg / 850 kg
- 2.000 x 1.015 mm
- 480 - 1.130 mm



- high-quality castors Ø 125 mm smooth-running, 2x with brake and 2x fixed castors
- Solid steel structure



Different worktops are available
For overview, refer to page 15

Electrical hydraulics for comfort - battery-based

Lifting table H 1000 accuDRIVE

Power package



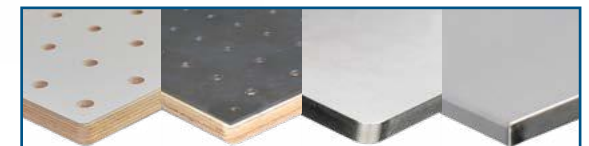
Remote control, optional

Technical data H 1000 accuDRIVE

- 12V hydraulic unit
- 12 V battery, 100 Ah
- Operation by foot switch
- Load 1,000 kg
- 2 steering rollers with brake
Ø 125 mm
- 2 castors Ø 125 mm
- bellow
- L x W x H:
2,000 x 1,015 x 450- 1,100 mm

■ **High-quality castors**
smooth-running,
2x with brake
and 2x fixed castors

■ **Optional worktop or hole plate**
2,000x1,015 x 30 mm.
Accessories for hole plate,
refer to page 31



Different worktops are available

For overview, refer to page 15

Electrical hydraulics for comfort

Lifting table H 1000 eDRIVE

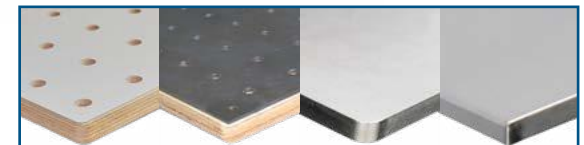


Technical data H 1000 eDRIVE

- 230V hydraulic unit
- Operation by foot switch
- Load 1,000 kg
- 2 steering rollers with brake \varnothing 125 mm
- 2 castors \varnothing 125 mm
- bellows
- L x W x H:
2,000 x 1,015 x 450- 1,100 mm

■ High-quality castors
smooth-running,
2x with brake
and 2x fixed castors

■ Optional worktop or hole plate
2,000x1,015 x 30 mm.
Accessories for hole plate,
refer to page 31



Different worktops are available

For overview, refer to page 15

The power package with an extra large worktop

Lifting table H 1000 pro



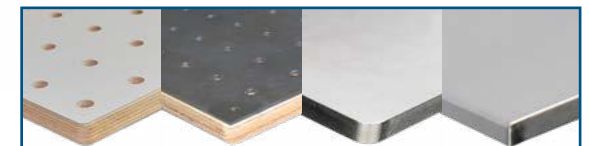
Remote control, optional

Technical data H 1000 pro

- accuDRIVE with 12V hydraulic unit
- eDRIVE with 230V hydraulic unit
- Operation by foot switch
- Load 1,000 kg
- 2 steering rollers with brake
Ø 125 mm
- 2 castors Ø 125 mm
- bellow
- L x W x H:
2,000 x 2,000 x 450- 1,100 mm

■ **High-quality castors**
smooth-running,
2x with brake
and 2x fixed castors

■ **Optional worktop or hole plate**
2,000x2,000x30 mm.
Accessories for hole plate,
refer to page 31



Different worktops are available

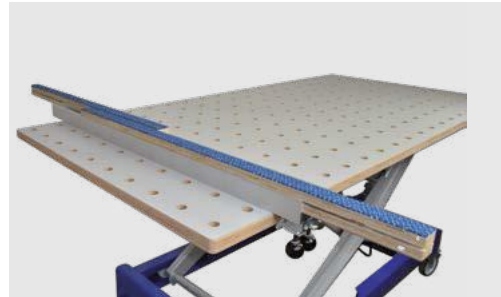
For overview, refer to page 15

Longitudinal pull-out 650 mm



On both sides, suitable for	Art.no.	On both sides, suitable for	Art.no.
H 350 XL with hole plate	BH-26-44	H 600	BM-33-45
vakuuLIFT-S / H 350 XL	BH-26-43	H 850	BH-35-45
HPL hole plate vakuuLIFT-S	BH-12-44	H 600 with HPL Platte	BM-33-46
H 330 for 24 mm plate	BH-38-43	H 850 with HPL Platte	BM-35-46

Pull-out rails



	Art.no.
Set of 2 pcs 350 XL / vakuuLIFT-S, H 600 - H 1000, length 1,150 mm	BH-16-93
Lifting table H 330 + VakuuCar®, vakuuLIFT mini length 940 mm	BH-17-92

Push handle



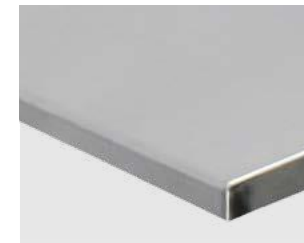
	Art.no.
Suitable for H 600 / H 850 / H 1000	BH-35-36

Drawer attachment



	Art.no.
Drawer attachment H 350 XL / H 600 / H 850 / H 1000	BH-26-42

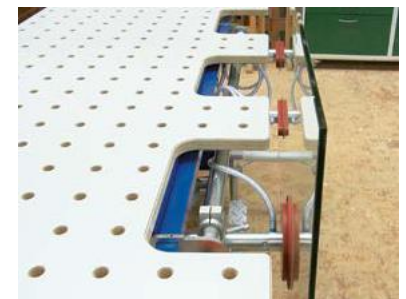
Lifting table worktops



Product	Worktop birch-multiplex single-layer coated	Hole plate birch multiplex, hole grid 100 mm, hole diameter 22 mm	Hole plate HPL coated birch-multiplex, hole grid 100 mm, hole diameter 22 mm	Steel hole plate 6mm on birch multiplex 30 mm, hole grid 100 mm; hole diameter 15.5 mm	Stainless steel cover plate for worktops	Stainless steel (41 mm) on multiplex
H 330	BH-17-68 (1,245 x 740 x 24 mm)	BH-17-70 (1,500 x 800 x 30 mm)	BH-17-74 (1,500 x 800 x 30 mm)	-	BH-00-0147-02 (1,245 x 740 mm)	BH-38-27-124074 (1,245 x 740 x 30 mm)
H 350 XL	BH-30-21-2010 (2,000 x 1,015 x 24 mm)	BH-30-24-2010 (2,000 x 1,015 x 30 mm)	BH-30-29-2010 (2,000 x 1,015 x 30 mm)	-	BH-00-0147-01 (2,007 x 1,022 mm)	BH-30-27-2010 (2,000 x 1,015 x 30 mm)
H 600 / H 850 / H 1000	BH-10-88 (2,000 x 1,015 x 30 mm)			BH-30-28-2010 (2,000 x 1,015 x 36 mm)		

Mobile, gentle and reliable wherever you need them

BARTH assembly tables



Overview

Assembly tables

VakuuCar®+

Page 18



➤ Worktop: 1,350 / 2,100 x 800 mm

VakuuCar® XL

Page 19



➤ Worktop: 1,800 x 740 mm

vakuuLIFT-S

Page 20



➤ Worktop: 2,000 x 1,015 mm
➤ Max. load: 350 kg

vakuuLIFT mini

Page 22



➤ Worktop: 1,500 x 800 mm
➤ Max. load: 330 kg

VakuuSYST®

Page 24



orgaCAR

Page 26



The workpiece profile – perfect for paint preparation

VakuuCar®+

Ultra manoeuvrable



VakuuCar®+ easyMOTION with optional accessories

Technical data VakuuCar®+ easyMOTION

- Vacuum pump for continuous operation (performance: 3 m³/h)
- Foot valve for releasing the clamped workpieces
- 2 flat vacuum suction cups with quick-change system: 190 mm round, 250x80 mm
- Pull-outs +450 mm on both sides
- Integrated socket strip for auxiliary equipment
- easyMOTION height adjustment with manual crank
- In 6 positions adjustable bench dogs as support
- Footprint L x W x H: 1,350x800x850 or 2,100x1,400x1,050 mm

Additional accessories, starting page 28

- **5 adjustable support bars with squared timber**
support depth expandable up to 1,400 mm, with carpet on one side
- **Space**
plenty of space for tools, vacuum cleaner or optional drawers
- **2 flat vacuum suction cups, silicone-free**
with extra soft and flexible sealing lips, gentle on the workpiece
- **High-quality castors**
smooth-running, 2x with brake and 2x with direction lock



The mobile work and assembly table

VakuuCar® XL



*VakuuCar® XL easyMOTION
with optional accessories*

Technical data VakuuCar® XL easyMOTION

- 3 flat vacuum suction cups with quick-change system: 190 round, 250x80 mm, 240x45 mm
- Vacuum pump 120 W, 230V, 3 m³ / h, with dust filter
- easyMOTION height adjustment with manual crank
- Worktop with 3 cutouts for vacuum suction cups
- Integrated socket strip for auxiliary equipment
- In 6 positions adjustable bench dogs as support
- Footprint L x W x H:
1,800 x 800 x 874 – 1,074 mm

Additional accessories, starting page 28

■ **Optionally expandable** with longitudinal pull-outs (on each side +440 mm)

■ **3 flat vacuum suction cups, silicone-free** with extra soft and flexible sealing lips, gentle on the workpiece

■ **Opt. available with HPL-coated hole plate, 2,000x800x30 mm**

■ **High-quality castors** smooth-running, 2x with brake and 2x with direction lock



User video



The perfect assembly table for flexible applications

vakuuLIFT-S

Equipped with 3 flat vacuum suction cups, the vakuuLIFT-S assembly table is an optimal ergonomic work and assembly table for maximum loads.

Each flat suction cup is individually height-adjustable. The rotary axis is swivelling by 90°. Height-adjustment is performed by a smooth-running hydraulic foot pump. The smooth-running high-quality rollers provide maximum mobility.



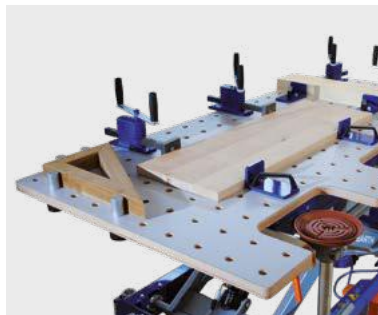
Technical data vakuuLIFT-S

- 3 vacuum suction cups with quick-change system: 190 mm round, 250x80mm, 240x45 mm
- Vacuum pump 230V, 3 m³/h
- Outlet strip
- Foot pedal on both longitudinal sides
- Support
- Multiplex worktop 2,000x1,015 mm
- Footprint L x W x H: 2,000 x 1,060 x 550 – 1,150 mm

Additional accessories, starting page 28

Variant eDRIVE (230 V)

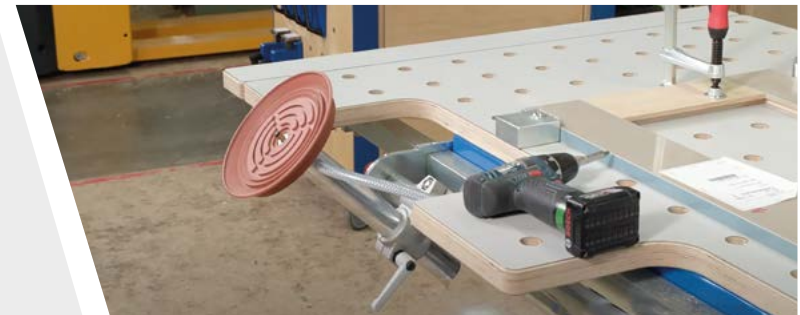
- max. load 300 kg,
- max. height 1,120 mm



The hole plate can be used for pressing and assembly

Work table vakuuLIFT-S SET (BH-31-06) in addition to base version:

- HPL hole plate
- Longitudinal pull-outs (650 mm on each side)





BERNHARD DAXENBERGER
 Managing Director
 Schreinerei Daxenberger, Seeon

„The bench area optimization that we carried out with BARTH started with the first vakuuLIFT about 3 years ago. Before that, we made experiments with simple lifting tables. But then we came to the conclusion that only the full version with vacuum clamping device and accessory program made sense for us. This solution convinced us and, meanwhile we have equipped all manual workstations with the vakuuLIFT.“



Ultra flexible

vakuuLIFT-S SET with optional accessories

User video



- **High-quality castors** smooth-running, 2x with brake and 2x with direction lock
- **The work area** can be extended by 650 mm each using the longitudinal pull-outs (SET variant)
- **Support** Heavy workpieces can be placed on the adjustable tray angles.
- **Foot-pumped hydraulic system** on both sides, operable on both longitudinal sides with overload protection
- **The optional pull-out rails** can be used to extend the worktop by 550 mm in width with each rail
- **3 flat vacuum suction cups, silicone-free** with extra soft and flexible sealing lips, gentle on the workpiece

The flexible assembly table which fits anywhere

vakuuLIFT mini

vakuuLIFT mini: The compact helper for every workshop.

The compact lifting table H 330, which can easily handle weights of up to 330 kg is the basis of the vakuuLIFT mini. The integrated vacuum suction cup serves as a reliable clamping device and allows workpieces to be fixed quickly and without leaving any residue. The hydraulic height adjustment via the foot pump allows the user to always process the workpiece at the optimum height.



Silicone-free
silicone-free suction cups for clamping without any marks



Universal use
The worktop can be extended to a surface of 3.6 m² with the optional longitudinal pull-out and pull-out rails.

Technical data vakuuLIFT mini

- 1 flat vacuum suction cup with quick-change system:
250 x 80 mm
- Vacuum pump 230 V, 5 m³/h
- Outlet strip
- Multiplex worktop
1,500 x 800 mm
- Footprint L x W x H:
1,500 x 950 x 480-1,070 mm



Work table vakuuLIFT mini SET in addition to base version:

- Hole plate
- Longitudinal pull-outs
(400 mm on each side)



Additional accessories, starting page 28

The hole plate can be used for pressing and assembly

NEW!



vakuLIFT mini SET with optional accessories



User video



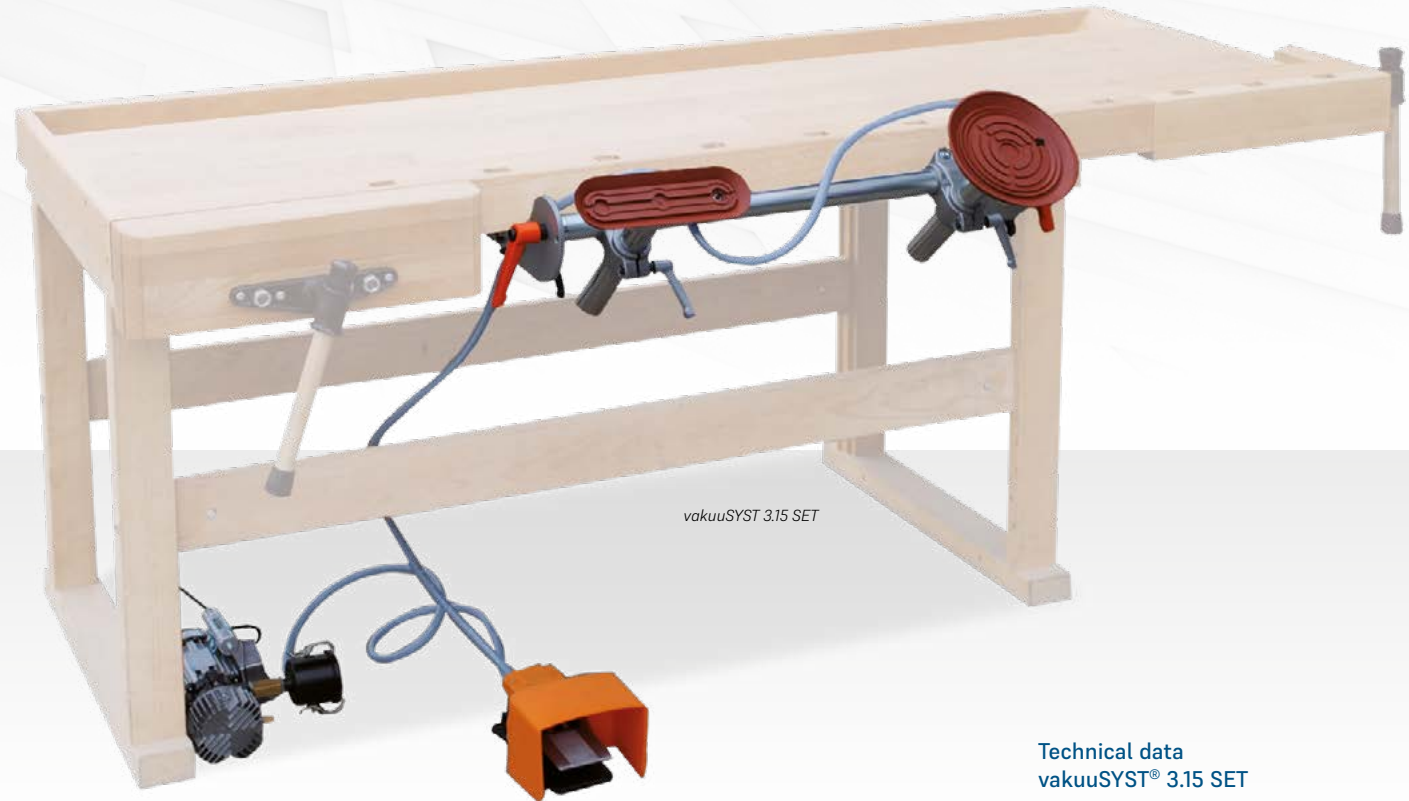
- **High-quality castors**
smooth-running, 2x with brake and 2x with direction lock
- **The work area** can be extended by 400 mm each using the longitudinal pull-outs (SET variant)
- **1 flat vacuum suction cup**, silicone-free with extra soft and flexible sealing lips, gentle on the workpiece
- The optional **pull-out rails** can be used to extend the worktop by 400 mm in width with each rail

Your workbench starts its career

VakuuSYST® 3.15 SET

The vakuuSYST® is an ergonomic makeover for your bench.

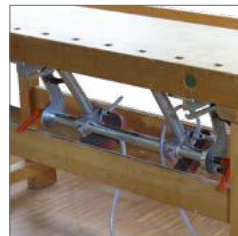
vakuuSYST® can simply be screwed under the bench and, as need be, be brought to its working position with only one move of the hand. Equipped with a height- and tilt-adjustable vacuum suction cup, vakuuSYST® clamps the workpiece in seconds and fixes it securely in the optimal working position. Just place the workpiece on the vacuum suction cup and it's clamped as, when placing the workpiece, the pushbutton valve specially developed by BARTH for everyday use in woodworking operations automatically enables the suction cup. Processing may begin immediately at optimum working position. Pressing the foot switch releases the vacuum.



User video



Space-saving,
folded down below the bench.



45° position

Technical data vakuuSYST® 3.15 SET

- 1 electrical vacuum pump with dust filter
- 1 solid support for assembly to an existing bench
- required length between collets 940 mm
- 1 flat vacuum suction cup Ø approx. 190 mm
- 1 vacuum suction cup 250 x 80 mm installed on rotary axis
- Foot valve

Perfect on site

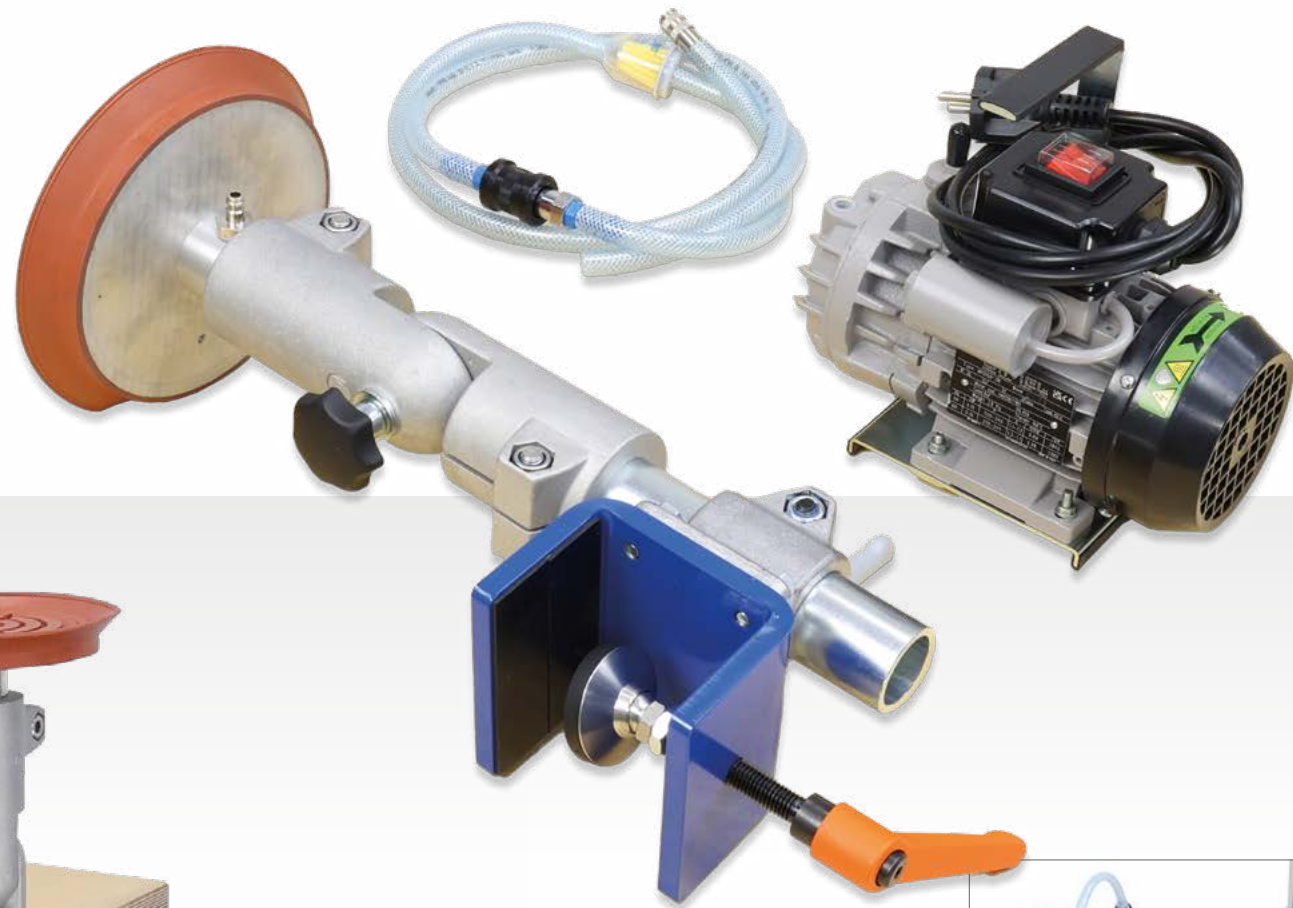
VakuuSYST® 180

Flexibly clamped to any worktop
Also perfect on site.

Technical data

VakuuSYST 180

- electrical vacuum pump
230 V, 5 m³/h
- 1 flat vacuum suction cup, round 190 mm
- Manual slide valve
- Joint 180°
- Table clamping for worktops up to 50 mm



- Flat vacuum suction cups, silicone-free with extra soft and flexible sealing lips, gentle on the workpiece
- Mount pivotable 180 degrees



Individually adaptable workshop trolley for optimal space utilization and more overview at the work and assembly place.

orgaCAR

The orgaCAR combines the advantages of a workbench and a tool trolley. The clear organization offers enough space for work equipment and can be adapted to any need in assembly areas.

The body offers versatile storage space and is optimized for the partition with systainers / sortainers. There is also space for vacuum cleaners, computers, additional drawers and shelves.

The equipment is customizable. Ask for the desired equipment!



Instant information at:

+49 8621 5050 600 or
info@barth-maschinenbau.de



Example of tool equipment with optional accessories

Technical data orgaCAR

- 4 steering rollers with brake 100 mm
- Cabinet insert with a lockable drawer (soft close, incl. 2 keys)
- 3 systainer pull-outs (e.g. for Festool, Makita and Tanos systems)
- Rear panel with 10 x 10 mm perforation, hole pitch 38 mm, system dimensions approx. 1,160 x 700 mm

Boom

- incl. energy module with sockets and compressed air supply
- 2 sliders with eyelet (for personal use)

For further accessories, refer to page 30

Even more order with the ideal combination of workbench and steel tool trolley

orgaCAR M

The orgaCAR M is also equipped with a well-organized steel tool cabinet. The optimal organization in the steel drawers increases production efficiency.

The integrated tool cabinet and the steel drawers offer you the practical opportunity to organize your tools neatly and have them quickly at hand.

The equipment is customizable. Ask for the desired equipment!



Example of tool equipment with optional accessories

Technical data orgaCAR M

- 4 steering rollers with brake 100 mm
- Steel tool cabinet with 6 drawers
- 3 systainer pull-outs (e.g. for Festool, Makita and Tanos systems)
- Rear panel with 10 x 10 mm perforation, hole pitch 38 mm, approx. 1,160 x 700 mm
- Socket with 5 m supply line

For further accessories, refer to page 30

User video



■ Steel tool cabinet for convenient storage of tools

■ Drawers can be equipped differently

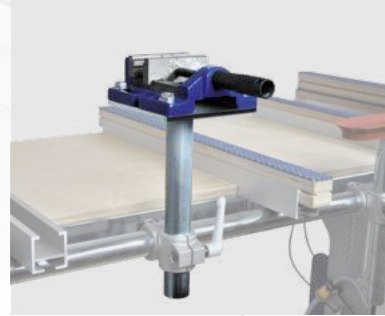
Accessories for assembly tables

3D bracket



3D-holder for vacuum suction cups for mounting in the pull-out rail	Art.no. BV-08-68
3D holder for rotary axis	BV-08-63

Vice



with holding tube, without cross clamp clamping range 100 mm jaw width 100 mm clamping range 90 mm	Art.no. BV-08-77
---	---------------------

Extension (with cross clamp)



Art. no. BV-08-57 Length 400 mm	
------------------------------------	--

Holder for suction cup



Art. no. BH-38-35 Holder for additional vacuum suction cup for vaku-LIFT mini, includes flange clamp, T-piece and 1.3 m compressed air hose	
--	--

Adapter for vacuum bag



Art. no. BP-05-31 Adapter for vacuum bag on vacuum suction cup connection	
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Silicone-free suction cups

The efficient BARTH suction cups have a large and solid support surface and have been designed for all materials in wood processing.

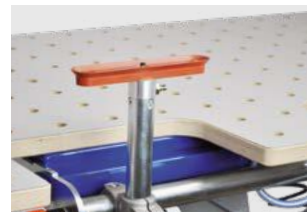
Equipped with the sophisticated BARTH pushbutton valve, they react very sensitively to all workpieces. High-gloss lacquered surfaces are clamped by the suction cups without leaving any marks

Suction cup 11.7



Art. no. BV-23-110065 size 110 x 65 mm incl. pushbutton valve, holding tube and quick coupling connection

Suction cup 24.5



Art. no. BV-23-240045 size 240 x 45 mm incl. pushbutton valve, holding tube and quick coupling connection

Suction cup 25.8



Art. no. BV-23-250080 (included in the base version) Size 250 x 80 mm incl. pushbutton valve, holding tube and quick coupling connection
--

Suction cup 30.3



Art. no. BV-23-300030 Size 300 x 30 mm incl. pushbutton valve, holding tube and quick coupling connection

Round suction cups



Art. no. BV-23-190 (included in the base version) Size Ø 190 mm incl. pushbutton valve, holding tube and quick coupling connection
--

Accessories for VakuuCar®

Container with 2 drawers



Art. no. BV-08-81

Size 460 x 450 x 500 mm
Full pull-out

Pull-out rail



Art.no.

Pull-out rail for VakuuCar and vakuuLIFT mini, length 940 mm

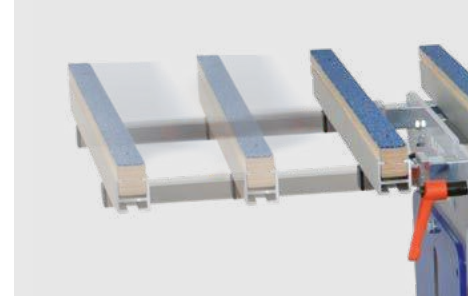
BH-17-92

Pull-out rail for vakuuLIFT-S, length 1,115 mm (2x)

BH-16-93

Longitudinal pull-outs

VakuuCar®XL



Art. no. BV-33-34

Extension on both sides 450 mm
(included in the VakuuCar®+ base version)

vakuuLIFT mini



Art.no.

Longitudinal pull-out vakuuLIFT mini
Longitudinal pull-out on both sides for vakuuLIFT mini, for 24 mm birch multiplex, +400 mm on each side

BH-38-47

Hole plate

VakuuCar®XL



Art. no. BV-15-71

Hole plate for VakuuCar® XL, HPL coated 2,000 x 800 x 30 mm

Suction hole plate

VakuuCar®XL



Art. no. BV-33-35

Suction tube connection 160 mm
wood dust tested according to DGUV

Accessories for orgaCAR

Folding table



	Art.no.
Folding table, right	BV-65-44
Folding table, left	BV-65-56

Cleaner container



Art. no. BV-65-45

Extension rails - support



Art. no. BV-65-46

SET for 3 x 2 extension rails

Shelves



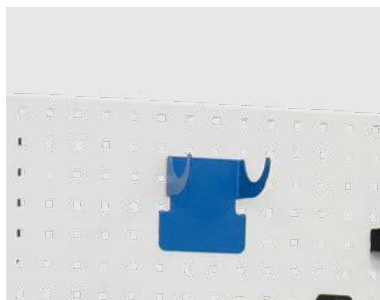
Art. no. BV-65-47

Monitor/tablet holder



Art. no. BV-65-51

Screwdriver holder



Art. no. BV-65-49

Charger holder



Art. no. BV-65-50

Drawer without lock



Art. no. BV-65-55

Accessories for boom

Balancer



Art. no. BV-65-40

Bracket



Art. no. BV-65-35

LED lamp



Art. no. BV-65-41

Accessories for wooden hole plate with 22 mm holes

Counter-bearing 360°



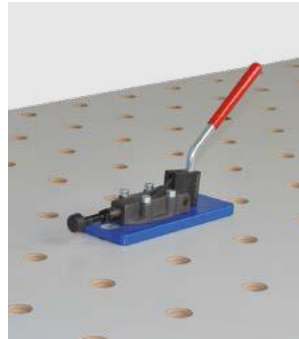
	Art.no.
360° pivotable, height 70 mm	BH-12-34
for steel hole plate	BM-70-34

Push rod clamping device



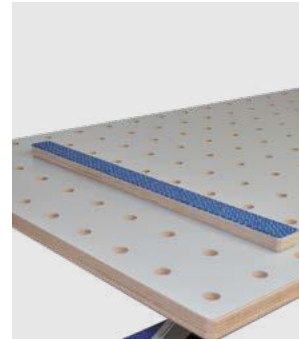
	Art. no. BH-12-37
spring-loaded, clamping force approx. 250 kg	

Push rod clamping device



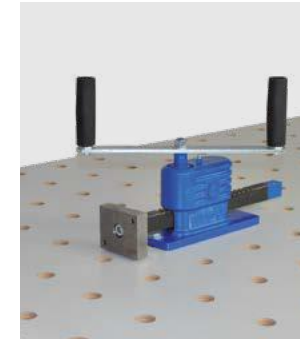
	Art. no. BH-12-36
clamping force approx. 500 kg	

Wooden strip with carpet



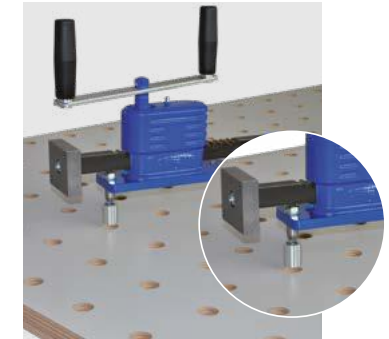
	Art. no. BH-10-79
pluggable Length 750 mm	

Rack-and-pinion gear



	Art.no.
clamping force approx. 1,000 kg 155 mm stroke	BH-12-33
for steel hole plate	BH-12-52

Adapter sleeve



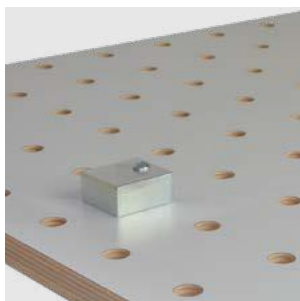
	Art. no. BH-12-38
for wooden hole plate: With this adapter sleeve, the pressure elements of the steel hole plate with small bolts can be used on the wooden hole plate with large holes.	

Rack-and-pinion gear, small



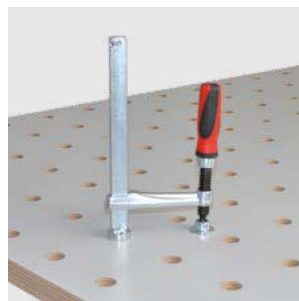
	Art.no.
150 mm stroke clamping force 200 kg	BH-12-48
for steel hole plate	BH-12-53
Cordless screwdriver adapter for rack-and-pinion gear, small	BH-12-54

Bumping stop



	Art.no.
L x W x H: 70 x 60 x 30 mm	BH-30-34

Vertical clamping device



	Art.no.
with 2K handle jaw capacity 100 mm clamping height 200 mm	BH-12-31
for steel hole plate	BH-12-52

PACKAGE OF ACCESSORIES WOODEN HOLE PLATE

3x rack-and-pinion gear small,
4x stop block, 2x vertical clamping device,
Art. no. BH-12-35

Overview

Tilting/turning



Tilting and turning

kipplIFT

Page 34

NEW!



› Max. tilting load: 120 kg

kipplIFT pro

Page 36



› Max. tilting load: 225 kg

wendoSYST

Page 38



› Max. turning load: 200 kg

wendoLIFT compact

Page 40



› max. workpiece width 1,300 mm
› Max. turning load: 250 kg

wendoLIFT vario

Page 42



› max. workpiece width 1,300 mm
› Max. turning load: 250 kg

wendoLIFT pro

Page 44



› max. workpiece width 1,400 mm
› Max. turning load: 450 kg

Easy loading and unloading of long and bulky parts.

kippLIFT

Tilting heavy workpieces is a well-known problem in trade and industry. It often requires the help of a second person, yet is strenuous and dangerous as back injuries and accidents can easily occur.

A tilting table will eliminate these risks and increase user comfort and efficiency. With the kippLIFT, we give our customers the possibility to easily tilt bulky and heavy workpieces from the horizontal to the vertical and vice versa.

The basis of the table is the H 350 XL lifting table, which has been expanded to include a smooth-running tilting device. This equipment allows to easily turn, process, position and transport workpieces and materials. All in all, the kippLIFT is a worthwhile investment for companies that value ergonomic workplace design and efficient material handling.

Technical data kippLIFT

- Height adjustment of the platform via foot-pumped hydraulic system from 600 – 1,260 mm lifting height
- Multiplex worktop 2000 x 1015 mm
- Sturdy scissors-type structure with hydraulic pump
- Powder-coated base frame
- Swivelling range 0–80°
- Load when lifting up to 350 kg
- Load when tilting up to 120 kg
- Folding stop bar
- 2 castors Ø 125 mm
- 2 steering rollers with brake Ø 125 mm
- Supplied in a ready assembled condition
- Including rigging strap for attaching the workpiece
- Footprint (L x W x H): 2,100 x 1,300 x 600–1,260 mm



Folding stop rail for easy unloading of workpieces



NEW!



■ **Foot-pumped hydraulic system**
on both sides, operated on both longitudinal sides

■ **Worktop**
1,015 x 2,240 mm, can be extended to 1,015 x 3,350 mm by longitudinal pull-outs



User video

kipplIFT

- 0-80° / 120 kg
- 350 kg
- 2.000 mm x 1.015 mm
- 600 mm-1.260 mm



Heavy weights very light

kippLIFT pro

Inspired by the "kippLIFT" assembly table, BARTH expands the concept of tipping long and bulky workpieces up to 225 kg and presents the "kippLIFT pro as a solution for assembly, storage and logistics.

Based on the "H 850 lifting table", the "kippLIFT pro" with its swivelling work surface and its powerful linear drive moves heavy workpieces up to 225 kg from the horizontal to the vertical position at the touch of a button. Secured by clamping options that can be used on the upper frame, various loads can be moved, assembled and loaded without any risk for the workpiece and the employees.



Technical data kippLIFT pro

- 2 steering rollers with brake Ø 150 mm
- 2 castors Ø 150 mm
- Hydraulic height adjustment by foot pump
- Max. lifting capacity of lifting table 800 kg
- Max. tilting load of tilting device 225 kg
- Large height adjustment range 560 – 1,200 mm
- Swivelling range 0–85°
- Footprint L x W x H: 2,100 x 1,300 x 560–1,200 mm

Course of the tilting process





User video

kipplIFT pro

- 0 - 80° / 225 kg
- 800 kg
- 2300 x 1206 mm
- 560 - 1200 mm



Instant information at:
+49 8621 5050 600 or
info@barth-maschinenbau.de

Heavy doors easily turned wendoSYST

Mobile turning device for large and heavy workpieces such as front doors and panel elements. These can be clamped and rotated 180 degrees. Can be adjusted to workpiece lengths and can be equipped with a lifting table H 330.

The stable base structure is mobile and can therefore be used throughout the entire plant. The pull-out frame cross-connection is attached to the rear. This design offers the great benefit that the assembly of large, heavy elements can be done by an employee, using a lifting table (e.g. lifting table H 330).





Automatic surface clamping with opening on both side is optional



The wendoSYST can be equipped with a lifting table.



 Ergonomic adjustable height for user or workpiece

 Sturdy Workpieces up to 200 kg can be turned

Technical data wendoSYST

- Base frame with support bracket and spindle clamping
- Engaging head, mobile with quick adjustment
- Workpiece clamping dimensions Lx W: 1,190–2,504 x 30–1,700 mm
- Thickness of workpiece: 23–112 mm
- Working height adjustable between 752 - 1064 mm
- Mobile with 4 steering rollers Ø 125 mm, each equipped with a brake
- Loadable up to max. 200 kg
- Footprint Lx W: 2,220–3,300 x 860–1,110 mm



Stud engaging device optional (BH-40-38)



Stud engaging device for doors, opening on 2 sides, optional (BH-40-39)



Variant with surface clamping with opening on both sides (BH-40-06)



ANDREAS BARTH

Employee of
Schreinerei Albert Bartlechner GmbH,
Halsbach

"Among other things, we produce heavy room and front doors. Right from the start, our heavy doors are mobile either using the lifting table or the turning device. We use the device for sanding, mortising and when mounting seals and hinges. Using the stud engaging device, the door can be lacquered or oiled in the wendoSYST. The wendoSYST is meanwhile an irreplaceable tool for us, especially in connection with the lifting table 330."



User video



- **Height adjustment**
of rotary axis 752 mm–1,064 mm, adjustable with spring bolt
- **Longitudinal adjustment**
using solid square tubes and clamping with clamping lever between 1,190 - 2,504 mm
- **Sturdy rotary axis**
Quick adjustment in length by 120 mm (each side) final stops at 0° and 180°, intervals of 45°
- **Heavy workpieces**
Up to 200 kg can be turned

The height-adjustable work table with turning device

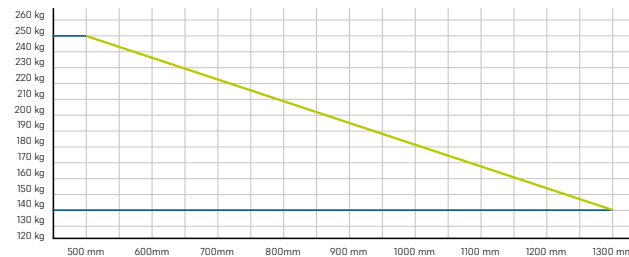
wendoLIFT compact

The BARTH wendoLIFT II turning device has one integrated turning device for heavy workpieces.

The wendoLIFT compact can be used as turning device and as height adjustable work table.



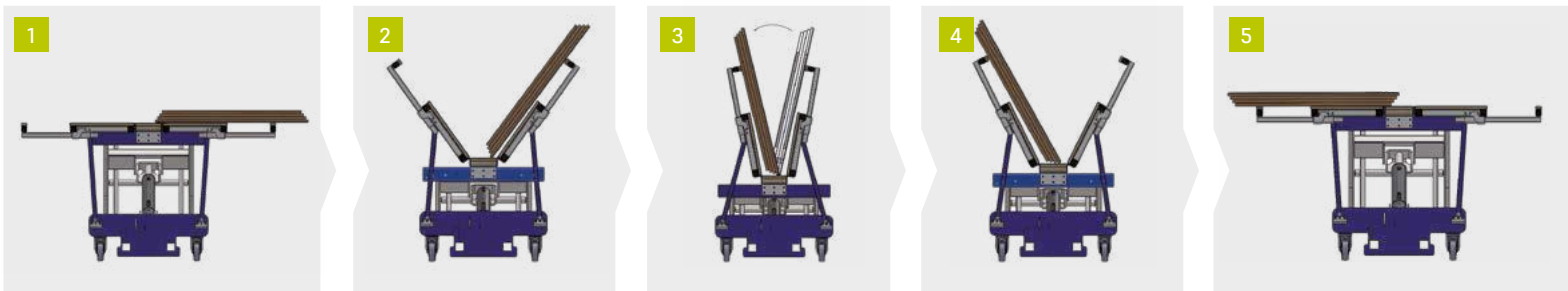
wendoLIFT compact / wendoLIFT vario



Technical data wendoLIFT compact accuDRIVE

- 12V hydraulic unit
- incl. remote control
- 2 castors
- 2 steering rollers with brake
- Multiplex plate with carpet
- Table extensions with carpet on both sides
- Integrated 12V charger
- Max. workpiece width for turning 1,300 mm
- Footprint L x W x H: 1,800 x 1,160 x 500- 1,150 mm

How turning works



Variant wendoLIFT compact eDRIVE:

- 230V hydraulic unit



MAX SCHUHBAUER
Technik / Schuhbauer GmbH

"Thanks to the wendoLIFT, one employee can move the panels back and forth between the stations without any effort, and turn them for processing at the same time. In the past, other colleagues always had to be called in for this," says Schuhbauer.



wendoLIFT compact

User video



- **Flexible**
 can also be used as work table, the folding function can be removed
- **Time-saving**
 efficient work processes save time
- **Ergonomic**
 turn doors up to 250 kg without the need of a second person
- **Large lifting range**
 between 500- 1,150 mm

Work table with integrated turning device for processing large workpieces

wendoLIFT vario

The lifting table H 1000 accuDRIVE is the basis of the wendoLIFT vario. The optional, pneumatically activated roller tracks make the table even more comfortable and efficient. This not only makes it easier to load via feeding roller tracks but also to position heavy workpieces on the table. The roller tracks are arranged crossways to the folding wings and can be activated via a pneumatic valve on the control unit. This means that the tracks are pressed upwards via the compressed air and, are thus above the supporting surface.

As an option, we can also offer the tracks arranged lengthways. So, it is possible to move the workpieces in 2 directions.

The turning function of the wendoLIFT vario allows to turn workpieces up to a weight of 250 kg and a width of 130 cm.

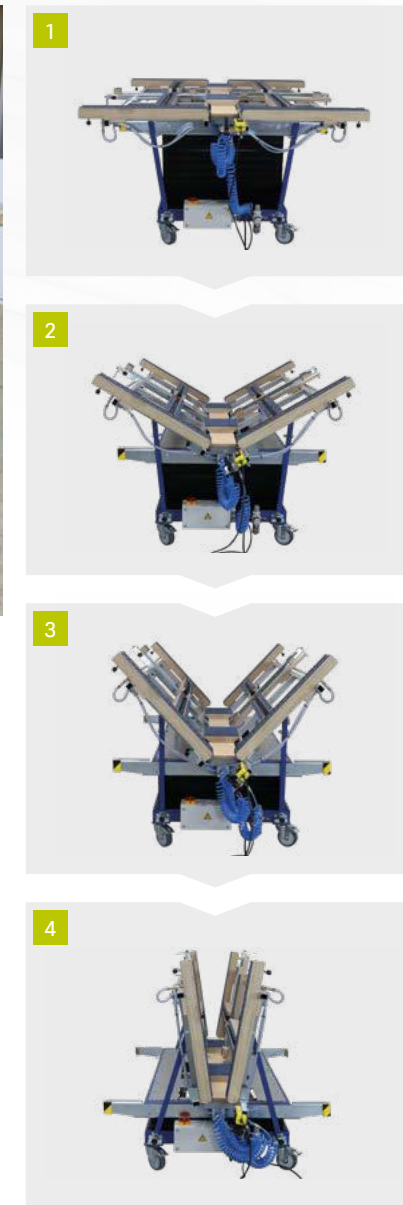
Technical data wendoLIFT vario R accuDRIVE

- 12V hydraulic unit
- incl. remote control
- 4 pneumatically controlled, lowerable roller tracks
- Load capacity as turning device 250 kg
- Max. workpiece width for turning 1,300 mm
- Footprint L x W x H: 2,000 x 1,160 x 500 - 1,150 mm
- Adjustable turning speed
- Pull-out workpiece securing device on each side
- Central support width: 160 mm
- maximum workpiece height: 78 mm
- Optionally available with additional longitudinal roller tracks
- also available without pneumatic roller tracks



Rollers in extended condition

How turning works





LOUAI ALHBOUBATI
 Head of Production Engineering,
 posterXXL GmbH

"With our table, we move up to 100 panels per shift in production. The wendoLIFT prevents any excessive effort of our employees and, its ease of movement also accelerates work compared to carrying by hand."



wendoLIFT vario R with optional additional equipment



User video

- Longitudinal roller track optional
- Control unit with removable cable remote control, extendable
- End stop for rolling workpieces, turnable



Assembly table with integrated turning device
for processing solid workpieces up to 450 kg

wendoLIFT pro

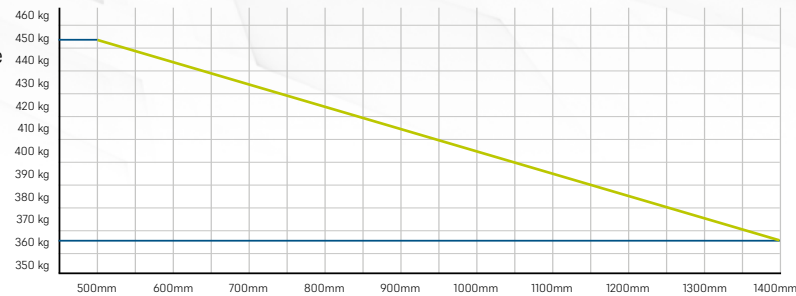
The BARTH stationary turning station simplifies the processing of solid workpieces with widths of up to 1,400 mm and a weight of up to 450 kg.

Emerging from the popular lifting and turning tables "wendoLIFT compact" and "wendoLIFT vario", the "wendoLIFT pro" is the power package in the product line.

The roller rails that can be activated by compressed air, allow one person to move heavy workpieces with sensitive surfaces easily on the table. For processing on both sides, the turning process can be initiated conveniently using the handheld remote control and, completed by gently pushing the narrow edge of the workpiece.

Thanks to the specially developed geometry, the "wendoLIFT pro" is extremely stable and, with its generous lifting range, the perfect basis for the series production of solid and large components.

wendoLIFT pro



Technical data wendoLIFT pro:

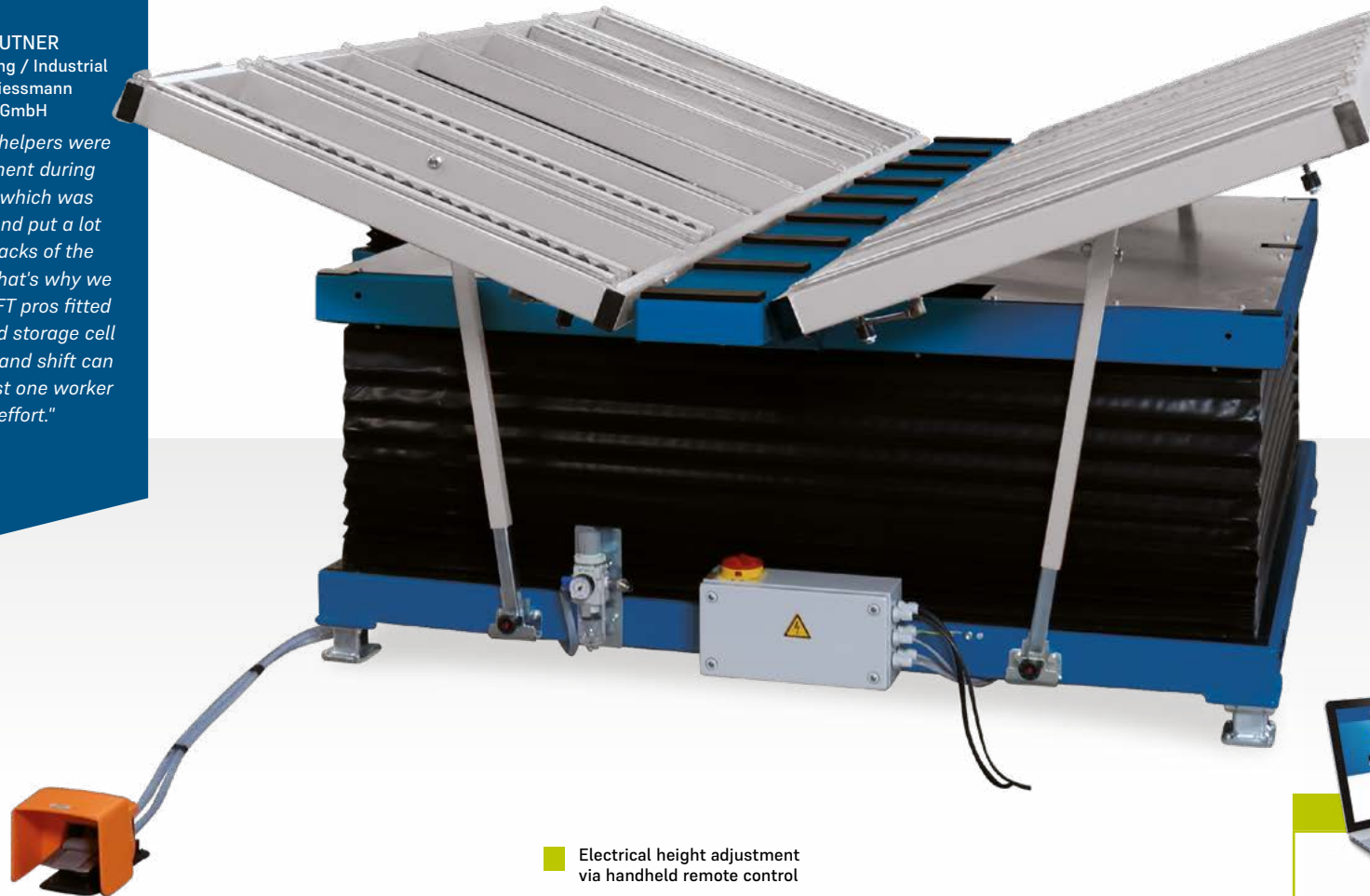
- Max. lifting capacity of lifting table 950 kg
- Max. tilting load 450 kg, depending on the workpiece width
- Powerful 230 V hydraulic unit for height adjustment
- 2 double-acting hydraulic cylinders
- Tilting range from 0 – 78°
- Height adjustment as work table from 900 – 1,150 mm
- Footprint L x W x H: 2,500 x 1,920 x 1,150 mm
- 4 pairs of pneumatic roller bars in transverse direction
- Adjustable turning speed
- Adjustable feet





ANDREAS BEUTNER
Production engineering / Industrial
Engineering at Viessmann
Kühlsysteme GmbH

"Until now, several helpers were needed for alignment during post-processing, which was time-consuming and put a lot of strain on the backs of the persons involved. That's why we had three wendoLIFT pros fitted so that up to 20 cold storage cell elements per table and shift can be positioned by just one worker without any effort."



- Electrical height adjustment via handheld remote control
- Foot valve for pneumatic roller bars
- Max. tilting load 450 kg
- End stop for rolling workpieces, turnable



Instant information at:

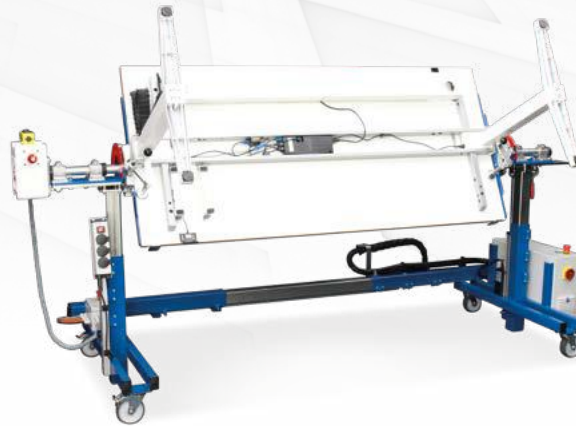
+49 8621 5050 600 or
info@barth-maschinenbau.de

Individuality made by BARTH

Special customer solutions



H 1000 ergoMOVE with worktop



Pneumatically driven lifting table



Lifting table H 850 combined with a welded hole plate



Customer statements



REFERENCES

www.barth-maschinenbau.de/referenzen



Bernhard Daxenbergerr
Schreinerei Daxenberger, Seon

“The bench area optimization that we carried out with BARTH started with the first vakuuLIFT about 3 years ago. Now we are using the full version including accessories program. We are fully convinced of this solution.”



Bernd Lotter
Lotter-Objekt, Kelheim

“The ergonomics of the lifting tables are gladly accepted by the employees. Large, heavy workpieces can be processed at the correct working height.”



Louai Alhboubati
Head of Production Engineering,
posterXXL GmbH

“With our table, we move up to 100 panels per shift in production. The wendoLIFT prevents any excessive effort of our employees and, its ease of movement also accelerates work compared to carrying by hand.”



Max Schuhbauer
Head of technical engineering,
Schuhbauer GmbH

“Thanks to the wendoLIFT, one employee can move the panels alone without any effort back and forth between the stations and, turn them for processing at the same time. In the past, other colleagues always had to be called in for this.”

Trade ...



Schuhbauer GmbH
www.schuhbauer-gmbh.de



Margreiter GmbH
www.margreiter-moebelmanufaktur.com



Schreinerei Dandl KG
www.schreinerei-dandl.de

Industry ...



Wolf GmbH
www.wolf.eu



Barth Brixen
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WORKPLACE SYSTEMS 2024

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