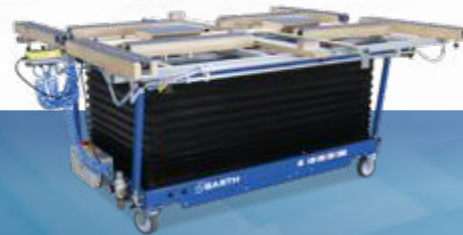


barth-maschinenbau.de
barth-shop.de



INNOVATIONS

Lifting tables | Assembly tables | Tilting/Turning
Vacuum presses | Vacuum bags | Bonding presses



Lifting tables · Assembly tables · Tilting/Turning · Vacuum presses · Vacuum bags · Bonding presses

Benefit from our experience

EXPERIENCE BARTH:

Opening hours:

Mon – Thu: 8 am – 12 pm
1 pm – 5 pm

Fri: 8 am – 12 pm

BARTH GmbH

Gerhard-Meister-Str. 5
83342 Tacherting · GERMANY
Phone: +49 8621 5050 600
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:

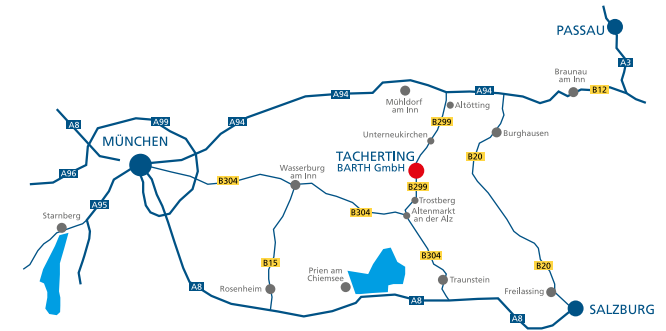



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01 Lifting tables



Starting page **5**

02 Assembly tables



Starting page **20**

03 Tilting/Turning



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04 Vacuum presses



Starting page **54**

05 MULTI-presses



Starting page **76**

Flexible, manoeuvrable and stable – your helper at your workstation

BARTH lifting tables



Overview

Lifting tables

H 300

Page 6



- › Worktop: 1,245 x 740 mm
- › Max. load: 300 kg

H 400

Page 8



- › Worktop: 1,245 x 740 mm
- › Max. load: 400 kg

H 400 XL

Page 10



- › Worktop: 2,000 x 1,015 mm
- › Max. load: 400 kg

H 600

Page 12



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

H 850

Page 12



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

H 1000

Page 14



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

H 1000 pro

Page 17



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

Solid, functional and reliable

Lifting table H 300

The H 300 lifting table is the reliable choice for ergonomic work. With its carrying capacity of 300 kg, it facilitates lifting, transporting, and positioning of workpieces and materials in your company. The continuously height-adjustable worktop allows for back-friendly work. The steering rollers ensure easy handling, and the proven hydraulic cylinder with foot pump allows effortless adjustment of the worktop, even with heavy loads. A practical helper for daily use – solid, functional, and reliable: the BARTH H 300 lifting table.

NEW!



Technical data lifting table H 300

- Multiplex worktop, 1,245 x 740 mm
- Load 300 kg
- Base frame in sturdy construction
- 4 steering rollers with brake Ø 100 mm
- Supplied in a ready assembled condition
- Footprint L x W x H: 1,295 x 740 x 475–1,071 mm



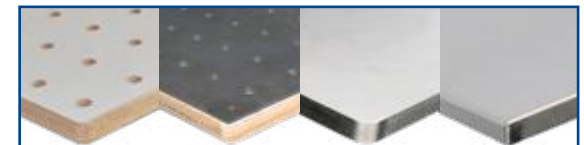
large adjustment range
from 475 mm – 1,071 mm



Instant information at:

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

- High-quality castors Ø 100 mm
smooth running.
4 steering rollers with brake
- High-quality hydraulics
"Made in Germany"
- Sturdy
steel structure



Different worktops are available

Overview, refer to page 19

Flexible, manoeuvrable and stable

Lifting table H 400

The H 400 lifting table offers you a compact and convenient transport solution. The continuously adjustable worktop makes it easy and safe to take up workpieces. It is therefore optimally equipped for use in practice and a perfect companion for any production. The H 400 is ideal for transporting workpieces through your workshop or for loading machines. The lifting table impresses with a sturdy base frame, stable steering rollers, and maintenance-free hydraulic height adjustment with a 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

Ultra strong battery. Charge once – power for days!

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

➤ Electrical drive accuDRIVE (12 V, 74 Ah, max. 300 kg)

➤ Standard foot-pumped hydraulic system

➤ ESD variant upon request

Technical data H 400

- Multiplex worktop with 2 grips, 1,245 x 740 mm
- Load 400 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
- H 400 accuDRIVE: Electrical height adjustment with ultra strong 74 Ah battery

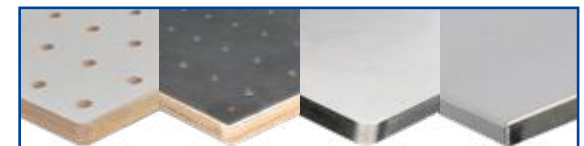
large adjustment range
from 490 mm – 1,070 mm



Product 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


Overview, refer to page 19

Large worktop for ergonomic work

Lifting table H 400 XL

The lifting and work table H 400 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

Ultra strong battery. Charge once – power for days!

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

➤ Electrical drive accuDRIVE (12 V, 74 Ah, max. 300 kg) 

➤ Standard foot-pumped hydraulic system 

➤ ESD variant upon request 

Technical data H 400 XL

- Lifting table H 400 XL with multiplex plate 2,000 x 1,015 x max. load 350 kg
- Load 400 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
- H 400 XL accuDRIVE: Electrical height adjustment with ultra strong 74 Ah battery

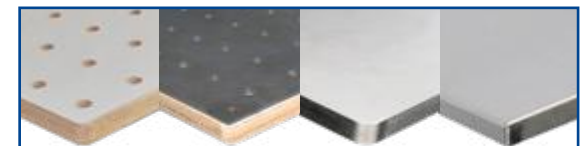
large adjustment range
from 500 mm – 1,150 mm



Product 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, "Made in Germany"
- **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

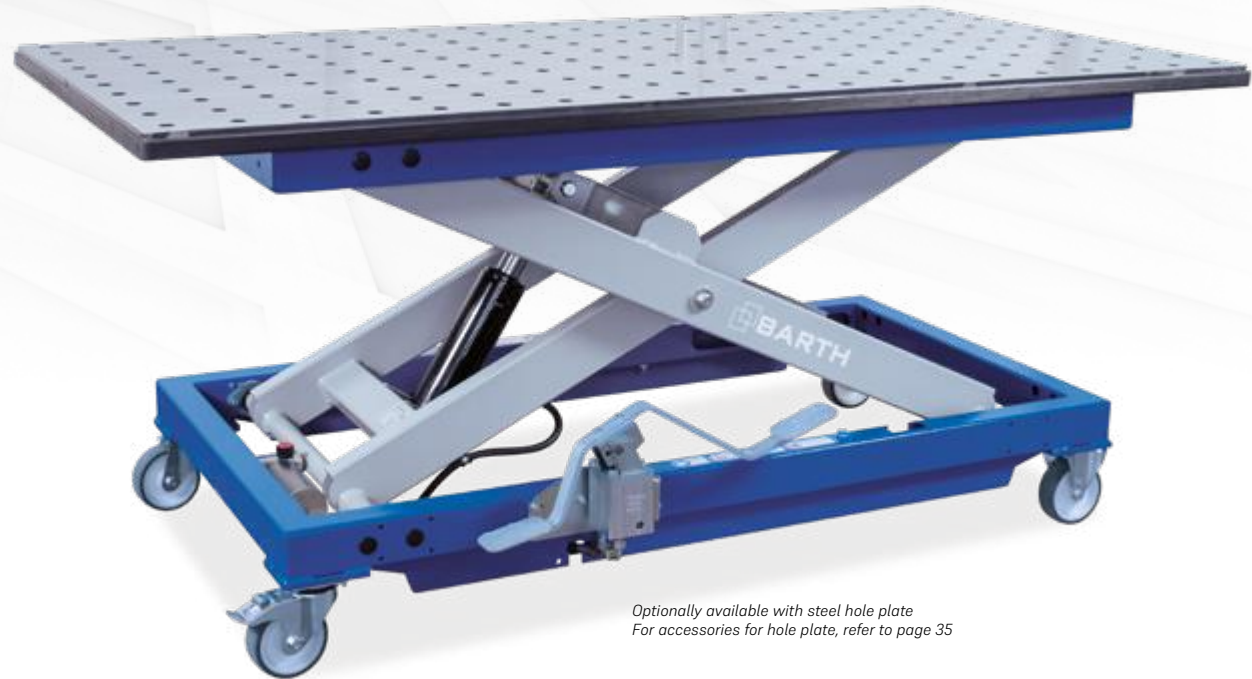
Overview, refer to page 19

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 35*

Comfort

The foot pump chooses automatically the right step:

1st step: Quick lift for small loads

2nd 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

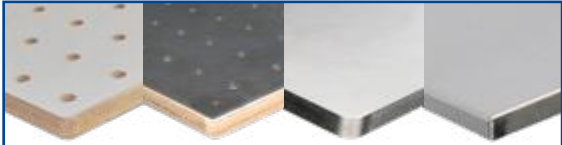


Fig. Lifting table H 600

Product video



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



Different worktops are available
Overview, refer to page 19

Electrical hydraulics for comfort – battery-based

Lifting table H 1000 accuDRIVE

Power package



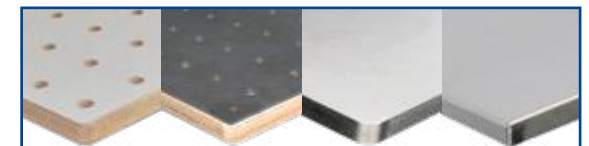
Remote control, optional

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 35



Different worktops are available

Overview, refer to page 19

Electrical hydraulics for comfort

Lifting table H 1000 eDRIVE

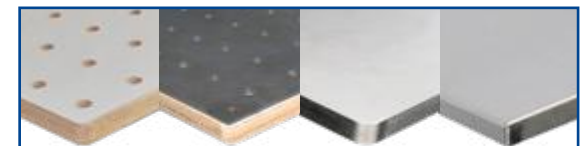


Technical data H 1000 eDRIVE

- 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 35



Different worktops are available

Overview, refer to page 19

Move heavy loads with ease

Lifting table H 1000 ergoMOVE

The H 1000 ergoMOVE lifting table is the perfect solution for transporting and precisely positioning heavy loads. Two powerful electric motors on the front wheels enable effortless movement of the table. Intuitive control is provided via an ergonomically designed cockpit, optimally tailored to the user's needs.

The electric drive is powered by two removable batteries mounted on the side of the cockpit, which can be easily removed and quickly charged. The height adjustment of the lifting table is also electrical via a 12V hydraulic unit, conveniently controlled by a handheld remote control. This facilitates the precise and ergonomic positioning of assemblies for further processing.

With the H 1000 ergoMOVE, you not only optimize work processes but also protect the health of your employees – for increased efficiency and ergonomics.



Technical data lifting table H 1000 ergoMOVE

- Electrically driven castors
- Replaceable batteries for the electric drive
- Cockpit for controlling the lifting table
- accuDRIVE with 12V hydraulic unit for height adjustment
- Load 1,000 kg

The power package with extra-large worktop

Lifting table H 1000 pro



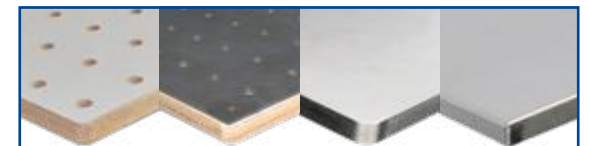
Remote control, optional

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 \varnothing 125 mm
- 2 castors \varnothing 125 mm
- bellows
- 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**
2,000 x 2,000 x 30 mm.
Accessories for hole plate, refer to page 35



Different worktops are available

Overview, refer to page 19

Lifting tables

Longitudinal pull-outs

Longitudinal pull-out 650 mm



On both sides, suitable for	Art.no.	On both sides, suitable for	Art.no.
H 400 XL with hole plate	BH-26-44	H 600	BM-33-45
vakuuLIFT-S / H 400 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 400 for 24 mm plate	BH-38-43	H 850 with HPL Platte	BM-35-46

Pull-out rails



	Art.no.
Set of 2 pcs Lifting tables H 400 XL / vakuuLIFT-S, H 600 - H 1000, length 1,150 mm	BH-16-93
H 300, H 400, VakuuCar®, vakuuLIFT mini length 940 mm	BH-17-92

Push handle



	Art.no.
Suitable for H 600 / H 850 / H 1000	BH-35-36
H 400	BH-38-37

Drawer attachment



	Art.no.
Drawer attachment H 400 XL / H 600 / H 850 / H 1000	BH-26-42

Transport retainers



	Art.no.
For forklift forks Suitable for H 400 XL	BH-26-34
For forklift forks Suitable for H 400	BH-38-34




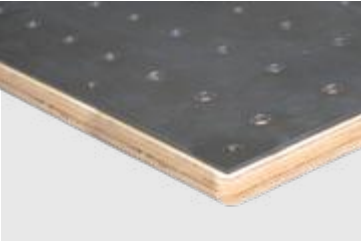
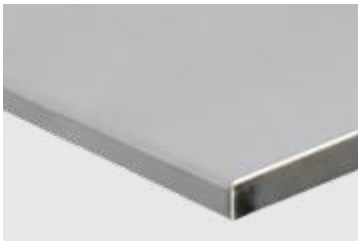
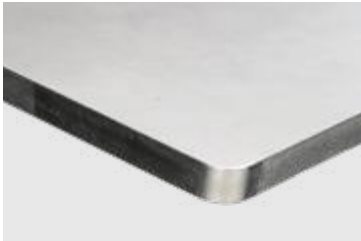
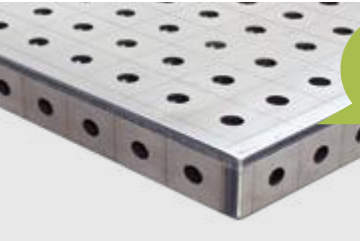
Outlet strip



	Art.no.
Socket strip triple, mounting bracket and supply line 5 m	BH-26-90

Lifting tables

Worktops

				
Product	Worktop birch-multiplex single-layer coated	Hole plate birch-multiplex, hole grid 100 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
H 300	BH-41-21-125074 (1,245 x 740 x 21 mm)	BH-41-24-150080 (1,245 x 740 x 21 mm), hole diameter 20 mm	BH-17-74 (1,500 x 800 x 30 mm)	-
H 400	BH-17-68 (1,245 x 740 x 24 mm)	BH-17-70 (1,500 x 800 x 30 mm), hole diameter 22 mm		-
H 400 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), hole diameter 22 mm	BH-30-29-2010 (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)
				
Product	Stainless steel cover plate for worktops	Stainless steel (1 mm) on multiplex	Welded hole plate	
H 300 / H 400	BH-00-0147-02 (1,250 x 745 mm)	BH-38-27-124074 (1,245 x 740 x 30 mm)	-	
H 400 XL	BH-00-0147-01 (2,006 x 1,021 mm)	BH-30-27-2010 (2,000 x 1,015 x 30 mm)	BH-30-41 (1,980 x 980 x 12 mm)	
H 600 / H 850 / H 1000				

NEW!

Mobile, gentle and reliable wherever they are needed

BARTH assembly tables



Overview

Assembly tables

VakuuCar®+

Page 22



➤ Worktop: 1,350 / 2,100 x 800 mm

VakuuCar® XL

Page 23



➤ Worktop: 1,800 x 740 mm

vakuuLIFT-S

Page 24



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

vakuuLIFT mini

Page 26



➤ Worktop: 1,500 x 800 mm
➤ Max. load: 350 kg

vakuuSYST®

Page 28



orgaCAR

Page 30



The workpiece profile – perfect for paint preparation

VakuuCar®+

Ultra
manoeuv-
rable



*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 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: 1,350 x 800 x 850 or 2,100 x 1,400 x 1,050 mm

Additional accessories, starting page 32

■ **5 adjustable support bars with squared timber**
support depth expandable up to 1,400 mm, with carpet on one side

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

■ **Space**
plenty of space for tools, vacuum cleaner or optional drawers

■ **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 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 cut-outs 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 – 1074 mm

Additional accessories, starting page 32

■ **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. with HPL-coated hole plate,** 2000x800x30 mm, available

■ **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, 240x45mm
- Vacuum pump 230 V, 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
- max. lifting capacity of lifting table 350 kg

Additional accessories, starting page 32

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)





ROLAND DÖTTLINGER
Werkstatteleiter
Kitzbüheler Werkstätten

"The assembly table and tool trolley actually won us over straight away – this is what a workbench should look like in the 21st century, and I think it's contemporary."



Ultra flexible

vakuuLIFT-S SET with optional accessories

Product 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, "Made in Germany"
- 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 fits anywhere

vakuuLIFT mini

vakuuLIFT mini: The compact helper for every workshop.

The compact H 400 lifting table is the base of vakuuLIFT. The integrated vacuum suction cup serves as a reliable clamping device and enables quick and residue-free clamping of workpieces. The hydraulic height adjustment via the foot pump allows the user to always work on the workpiece at the optimal 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 vacuum suction cup with quick-change system: 250x80 mm
- Vacuum pump 230 V, 5 m³/h
- Outlet strip
- Multiplex worktop 1,500x800 mm
- Footprint L x W x H: 1,500 x 950 x 480-1,070 mm
- max. lifting capacity of lifting table 350 kg



The hole plate can be used for pressing and assembly

Work table vakuuLIFT mini SET in addition to base version:

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



Additional accessories, starting page 32



vakuLIFT mini SET with optional accessories



Product video



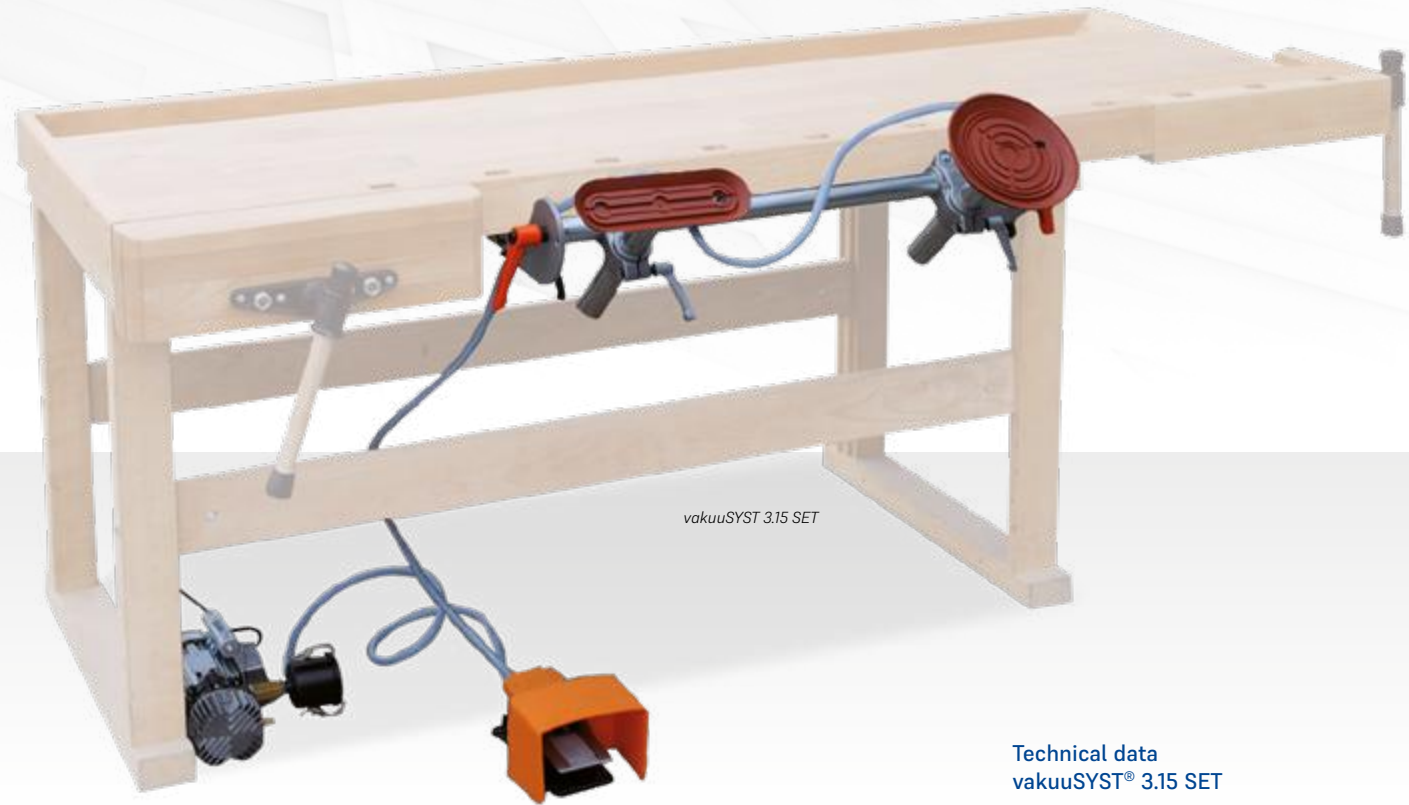
- **High-quality castors**
smooth-running, 2x with brake
and 2x with direction lock
- **The work area** can be extended by
400 mm each using the longitudinal
pull-outs (SET variant)
- **1 flat vacuum suction cup**, silicone-free
with extra soft and flexible sealing lips,
gentle on the workpiece
- The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

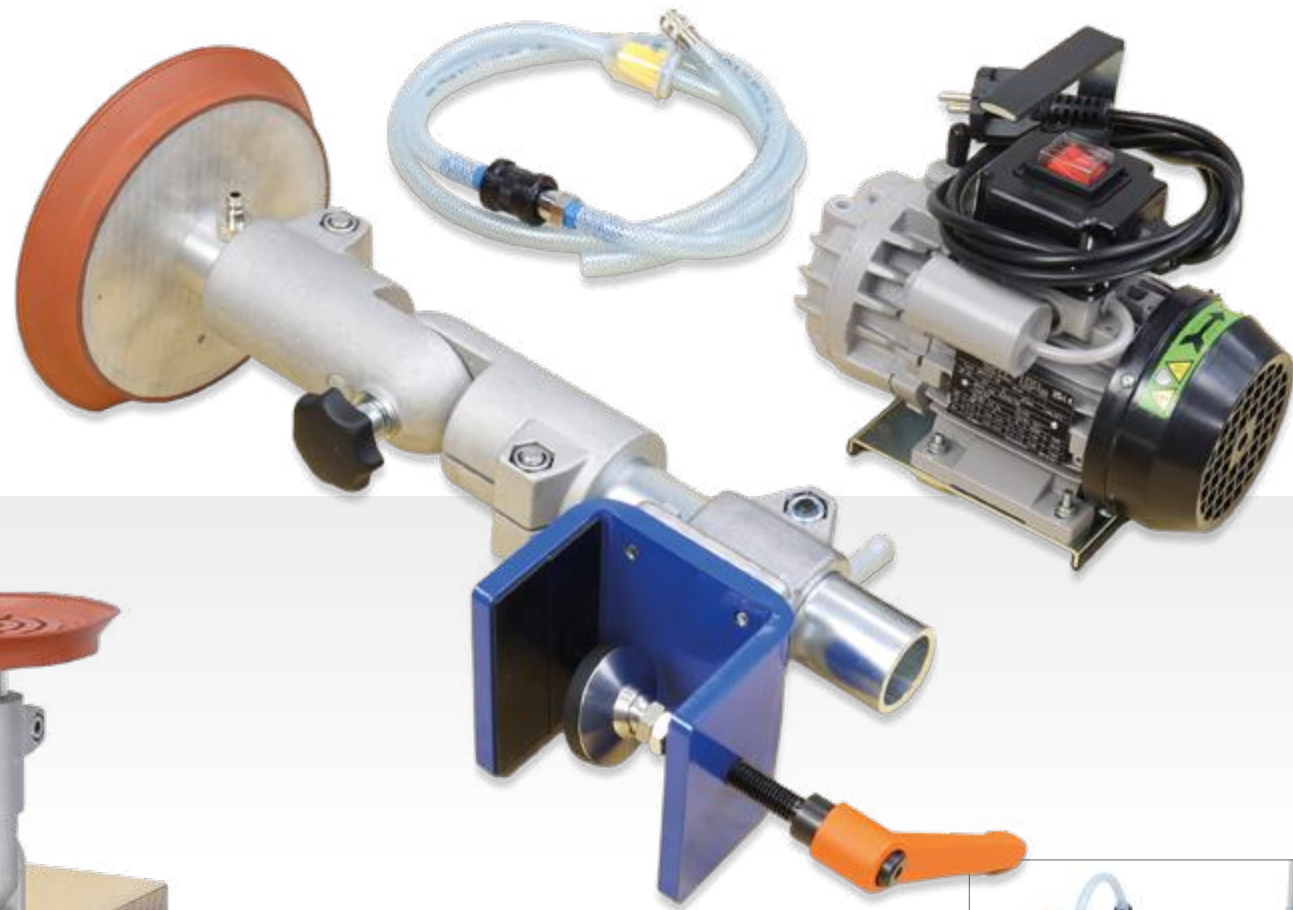
Perfect on site

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
- Holder
180 degrees swivelling



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



*In sample configuration
 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 34

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

orgaCAR M

The orgaCAR M is also equipped
with the clearly organised steel
tool cabinet. Optimised partitioning
in the steel drawers increases
production efficiency.

The integrated tool cabinet and the
steel drawers offer you the practical
option of organising your tools neatly
and having them quickly at hand.

The equipment is customizable.
Ask for the desired equipment!



*In sample configuration
with optional accessories*

Product video



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 power cable

For further accessories, refer to page 34

- Steel tool cabinet for convenient tool storage
- Drawers can be equipped with various accessories

Accessories for assembly tables

3D bracket



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

Vice



	Art.no.
with holding tube, without cross clamp clamping range 100 mm jaw width 100 mm clamping range 90 mm	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 suction cup for vakuuLIFT mini, includes flange clamp, T-piece and 1.3 m compressed air hose	

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



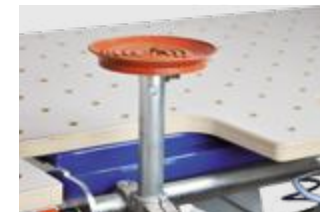
	Art. no. BV-23-250080
(included in the base version) Size 250 x 80 mm incl. pushbutton valve, holding tube and quick coupling connection	

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	

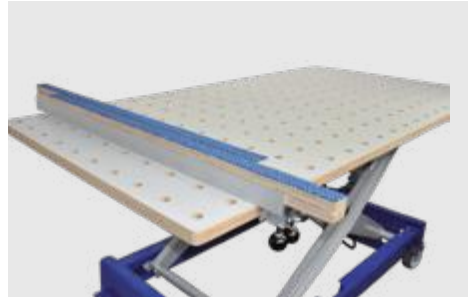
Accessories for assembly tables

vakuuLIFT mini



	Art.no.
VakuuLift mini longitudinal pull-out Longitudinal pull-out on both sides for vakuuLIFT mini, for 24 mm birch multiplex, +400 mm on both sides	BH-38-47

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, 1,115 mm long (2 pcs)	BH-16-93

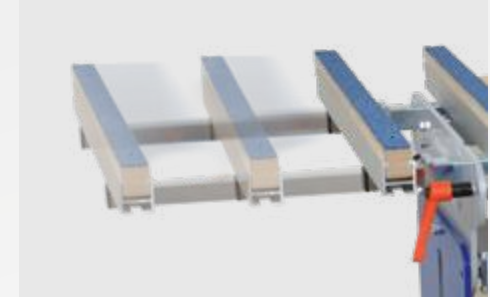
Accessories for VakuuCar®

Container with 2 drawers



Art. no. BV-08-81
Size 460 x 450 x 500 mm Full pull-out

Longitudinal pull-outs VakuuCar®XL



Art. no. BV-33-34
Extension on both sides 450 mm (included in the VakuuCar®+ base version)

Vacuum bag

Vacuum bag



Art. no. BP-05-075030
Vacuum bag 750 x 3,000 mm

Adapter for vacuum bag



Art. no. BP-05-31
Adapter for vacuum bag on vacuum bag connection

Hole plate

VakuuCar®XL



Art. no. BV-15-71
HPL coated hole plate for VakuuCar® XL, 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

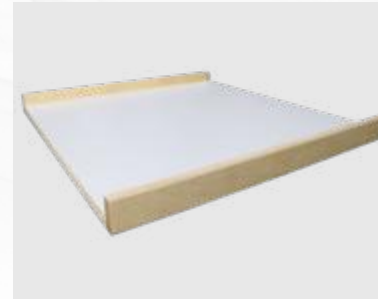
Extension rails - support



Art. no. BV-65-46

SET for 3 x 2 extension rails

Shelves



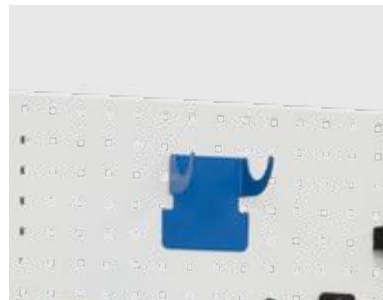
Art. no. BV-65-47

Monitor/tablet mount



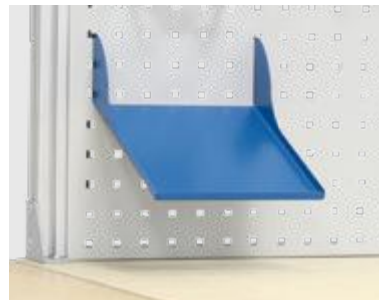
Art. no. BV-65-51

Screwdriver holder



Art. no. BV-65-49

Charger mount



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

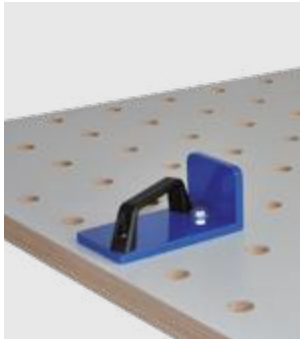
LED lamp



Art. no. BV-65-41

Accessories for wooden hole plate with 22 mm holes

Counter-bearing 360°



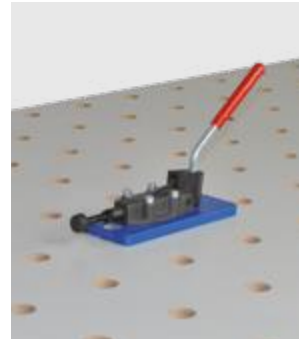
	Art.no.
360° pivotable, height 70 mm	BH-12-34
for steel hole plate	BM-70-34

Push rod clamping device



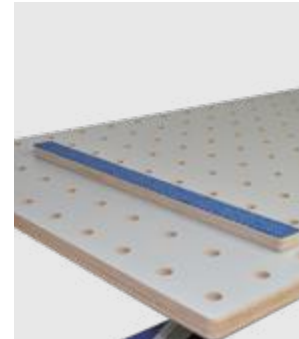
	Art. no. BH-12-37
spring-loaded, clamping force approx. 250 kg	

Push rod clamping device



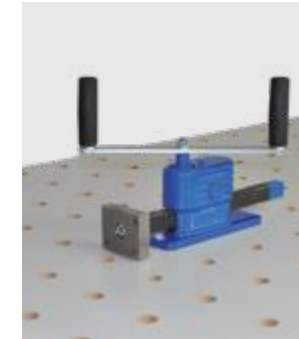
	Art. no. BH-12-36
clamping force approx. 500 kg	

Wooden strip with carpet



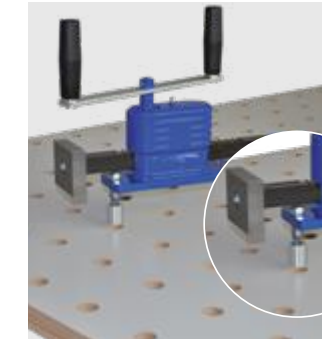
	Art. no. BH-10-79
pluggable Length 750 mm	

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



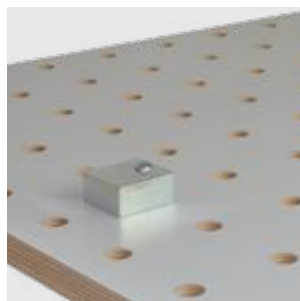
	Art. no. BH-12-38
for wooden hole plate: With this adapter sleeve, the pressure elements of the steel hole plate with small bolts can be used on the wooden hole plate with large holes.	

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



ACCESSORY KIT WOODEN HOLE PLATE

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

Individuality made by BARTH

Special customer solutions



vakuuLIFT with pneumatic height adjustment

Individuality made by BARTH

Special customer solutions



H 400 with with turntable worktop



H 400 XL with superstructure and pull-outs



Lifting table H 850 combined with a welded hole plate



H 850 ergoMOVE 2000

Overview

Tilting/Turning



Overview

Tilting and turning

kipplIFT

Page 40



› Max. tilting load: 120 kg

kipplIFT pro

Page 42



› Max. tilting load: 225 kg

wendoSYST

Page 44



› Max. turning load: 200 kg

wendoLIFT compact

Page 46



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

wendoLIFT vario

Page 48



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

wendoLIFT pro

Page 50



› 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 common problem in crafts and industry. It often requires the assistance of a second person, yet is strenuous and dangerous, as it can easily lead to back injuries and accidents.

A tilting table eliminates these risks and increases user comfort and efficiency. With the kippLIFT, we enable our customers to easily tilt bulky and heavy workpieces from a horizontal to a vertical position and vice versa.

The base of the table is the H 400 XL lifting table, which has been enhanced with a smooth-running tilting device. Using this device, workpieces and materials can be easily turned, processed, positioned and transported. All in all, the kippLIFT is a worthwhile investment for companies that value ergonomic workplace design and efficient material handling.

Technical data kippLIFT

- Platform height adjustment by foot-pumped hydraulic system from 600 - 1,260 mm lifting height
- Multiplex worktop 2,000 x 1.015 mm
- Sturdy scissor-type design with hydraulic pump
- Powder-coated base frame
- Swivelling range 0–80°
- Lifting capacity up to 350 kg
- Tilting capacity 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
- Includes a rigging strap for securing the workpiece
- Footprint (L x W x H): 2,100 x 1300 x 600–1,260 mm



Folding stop rail for easy unloading of workpieces





■ **Foot-pumped hydraulic system**
on both sides, operable on both longitudinal sides
with overload protection, "Made in Germany"

■ **Worktop**
2,000 x 1,015 mm



Product video



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.

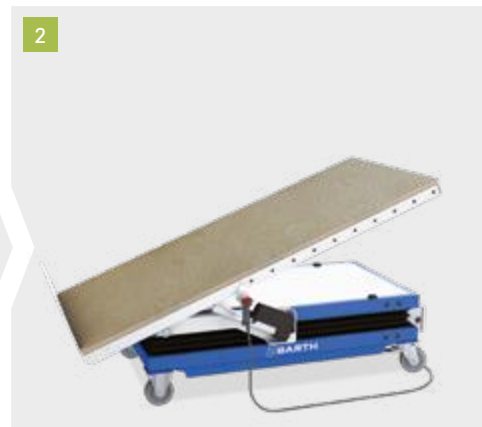
Based on the "H 850 lifting table", the "kippLIFT pro" with its swivelling work surface and its powerful linear drive moves heavy workpieces up to 225 kg from the horizontal to the vertical position at the touch of a button. Secured by clamping options that can be used on the upper frame, various loads 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





Product video



Instant information at:
[+49 8621 5050 600](tel:+4986215050600) or
info@barth-maschinenbau.de

Heavy doors easily turned wendoSYST

wendoSYST is a mobile turning device for large and heavy workpieces such as front doors and panel elements. These can be clamped and turned 180 degrees. The structure is designed for variable workpiece lengths and can be equipped with a lifting table H 400.

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 400).





Standard holder, spindle clamping



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 (L x W): 1,190–2,504 x 30–1,700 mm
- Thickness of workpiece: 23–112 mm
- Work height adjustable by 312 mm, from 752 - 1,064 mm
- Mobile with 4 steering rollers Ø 125 mm, each equipped with a brake
- Loadable up to max. 200 kg
- Footprint L x 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 400."



Product 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**
rotating up to 200 kg

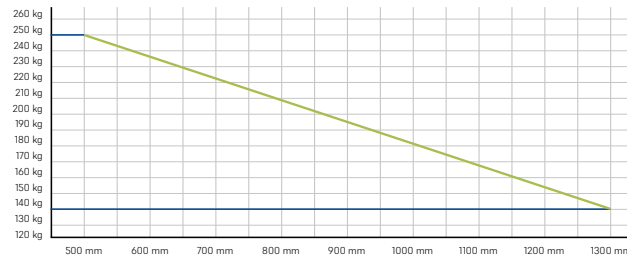
The height-adjustable work table with turning device

wendoLIFT compact

The wendoLIFT compact is equipped with an integrated turning device for heavy workpieces. It combines two functions in one system: As a turning device, it enables the safe turning of workpieces, while also serving as a height-adjustable workbench for ergonomic work.



wendoLIFT compact / wendoLIFT vario



Technical data wendoLIFT compact accuDRIVE

- 12V hydraulic unit
- incl. cable remote control
- 2 castors
- 2 steering rollers with brake
- Multiplex plate with carpet
- Table extensions with carpet with support rollers
- 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 effortlessly move the panels between the stations and simultaneously turn them for processing. In the past, other colleagues always had to be called in for this," says Schuhbauer.



wendoLIFT compact

Product video



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

Work table with integrated turning device for processing large workpieces

wendoLIFT vario R

The lifting table H 1000 accuDRIVE is the basis of the wendoLIFT vario R. 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.

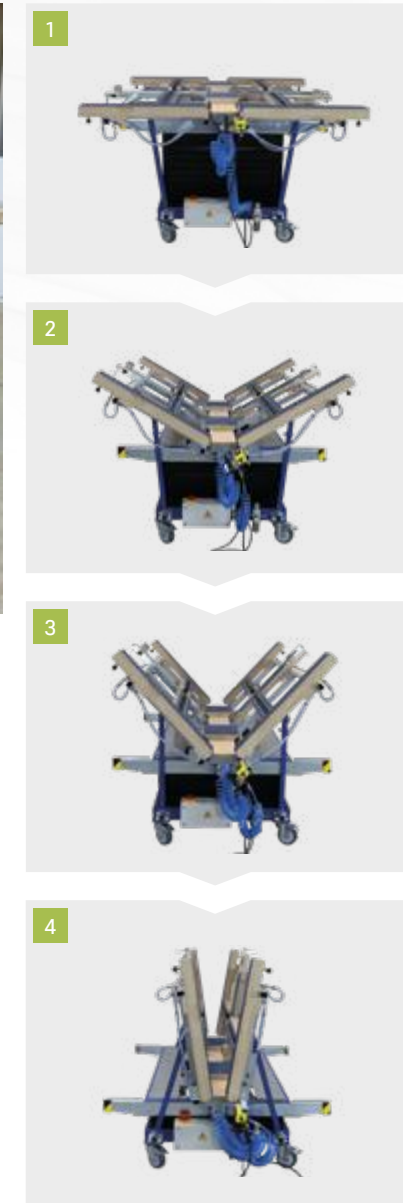
Technical data wendoLIFT vario R accuDRIVE

- 12V hydraulic unit
- incl. cable 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 (wendoLIFT vario)



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



Product 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

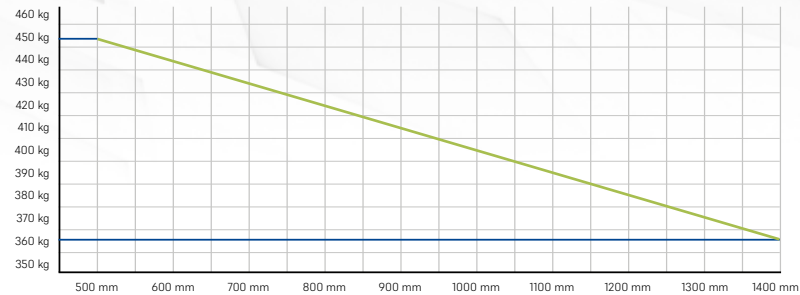
The BARTH stationary turning station simplifies the processing of solid workpieces with widths of up to 1,400 mm and a weight of up to 450 kg.

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 cable 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. 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 rails 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 cable remote control
- Foot valve for pneumatic roller rails
- 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



wendoLIFT pro with ball transfer surface



wendoLIFT pro with special superstructure



wendoSYST, electrically turnable

Individuality made by BARTH

Special customer solutions



H 400 XL with tiltable hole plate



kipplIFT with tine fittings



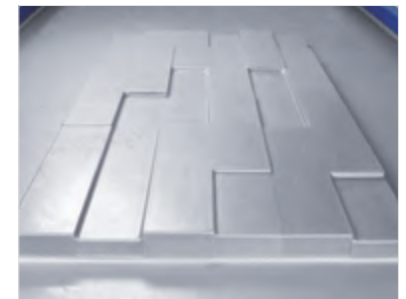
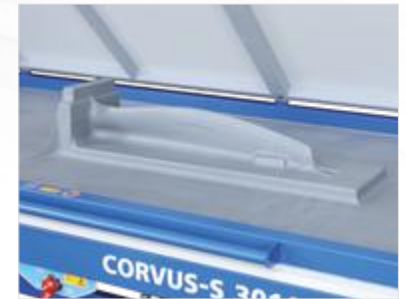
kipplIFT pro with special superstructure



wendolIFT midi eDRIVE

Wide range of possible applications

BARTH vacuum presses



Overview

BARTH vacuum presses

CORVUS®

Page 58



CORVUS®-S

Page 60



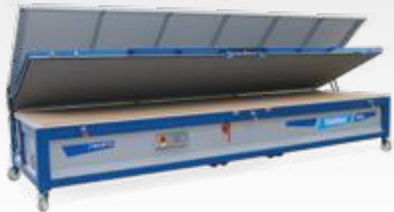
CORVUS®-W

Page 62



TAURUS®

Page 64



TAURUS® H

Page 66



TAURUS® P

Page 67



TAURUS® HP

Page 68



LUPUS®

Page 70



VACUUM PUMPS

Page 71



VACUUM BAG

Page 73



BARTH vacuum presses

Speed-up option for short pressing times

Benefits

The "speed-up option" for vacuum presses offers a range of components to optimize the vacuum press process and increase efficiency. It allows the press to generate higher pressures of up to 10 tonnes per square meter*, resulting in 50% shorter press times and improved results.

The "speed-up option" includes:

- A powerful vacuum pump lubricated with circulating oil with a flow rate of 40 cubic meters per hour.
- The REVO II pressure switch for precise and automatic pressure adjustment to the pressing process requirements.
- A digital display for accurate representation of the current vacuum level, which gives the operator precise control over the process.
- A special vacuum distributor plate optimizes pressure distribution and ensures uniform suction across the entire surface, resulting in improved pressing quality.

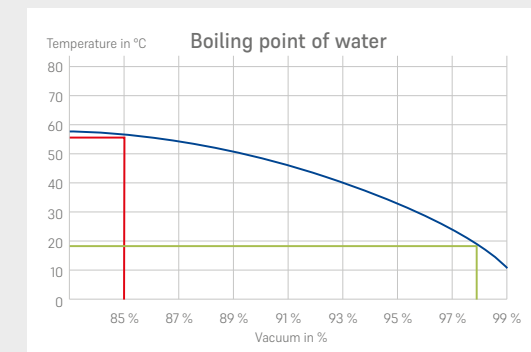
* depending on the air pressure



REVO II pressure switch

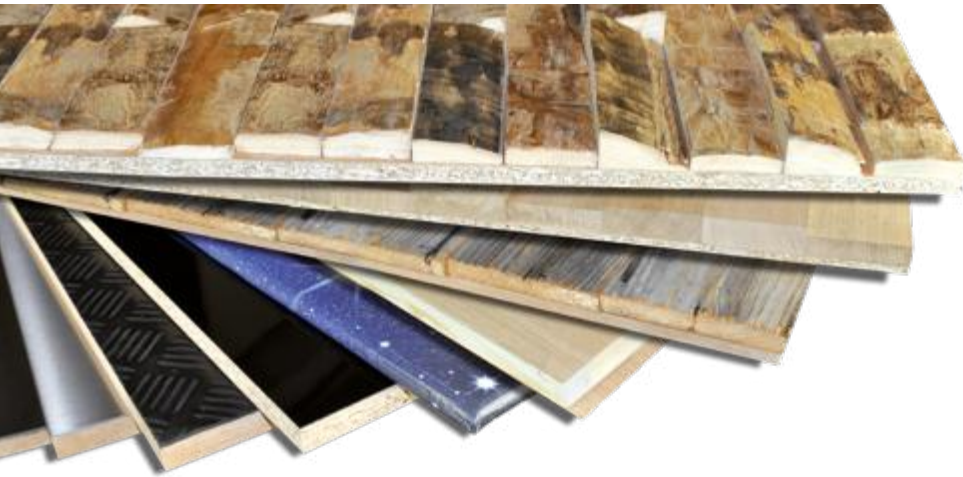
The REVO REVO pressure switch was specially developed by BARTH and has significantly improved the results of the pressing processes since it has been in use. On the one hand, it allows to set the desired pressure as a percentage of the prevailing air pressure, and on the other hand, it continuously determines the maximum possible pressure of up to 98% by constantly measuring the ambient pressure. This ensures that there is always a vacuum of the right intensity during the pressing process, which means that the advantages of glue curing in the vacuum remain constant. Regardless of sea level or weather changes, the REVO II always calculates the optimum parameters and,

thus continuously generates pressing results of consistent quality.



BARTH vacuum presses

Electronic pressure monitoring for high energy efficiency



Benefits of the vacuum press over the hydraulic veneer press

- **Compared to the veneer press, the vacuum press is significantly more energy-efficient because it does not require heating of the workpiece.**
While a veneer press with heating plates consumes an average of 12–15 kW, a vacuum press requires only 0.15–1.5 kW for the same work. This corresponds to an energy saving of up to 90%.
- **The simultaneous pressing of workpiece of different thickness is possible.**
Since the membrane easily clings to everything that is clamped, different workpiece thicknesses and even different materials can be processed at the same time.
- **Veneers and coating materials are not shifted.**
As long as the veneers are prepared with the appropriate overhang, the membrane clamps the overhang on the machine table.
- **Mark-free pressing of sensitive materials and surfaces (e.g. high-gloss HPL).**
The top of the workpiece is resistant to dust, chips and dirt.




The vacuum press of the professional class

CORVUS®

BARTH GmbH has launched a vacuum press in the professional class. The modern look combines with a sturdy construction and offers ergonomic operation on the front side of the press.

Generally, the press is delivered in the mobile version. The CORVUS® incorporates the proven BARTH vacuum technology, which has been optimized further to achieve faster evacuation times. A 100l tank serves as a buffer so that it is not necessary to operate the vacuum pump in continuous mode. This guarantees a lower noise level and saves energy. A vacuum outlet for other applications such as a vacuum bag is also standard.



- 
Energy-saving
 The standard pressure switch starts the vacuum pump only when needed
- 
Efficiency
 electronic pressure monitoring with REVO II pressure switch
- 
High pressure
 high pressure of up to 10 t/m²*

Technical data of CORVUS® models

- Membrane: Natural rubber, highly resilient (silicone membrane upon request)
- Vacuum pump 40 m³/h, lubricated with circulating oil
- Tank capacity: 1x100 l
- electronic pressure monitoring with REVO pressure switch
- Sturdy movable frame
- additional vacuum connection with 13 mm hose fitting
- clamping dimensions L x W:
 CORVUS® 3014: 3,000 x 1,420 mm
 CORVUS® 3514: 3,500 x 1,420 mm
- Footprint L x W x H:
 CORVUS® 3014:
 3,200 X 1,650 x 910 mm
 CORVUS® 3514:
 3,700 x 1,650 x 910 mm

Optional:

- available with glanded pump

Recommended accessories:

- Cover plate for CORVUS®

Additional accessories refer to page 74



THOMAS BERER
Schreinerei Berer aus
Bad Birnbach

"After thinking about it for a long time, I replaced my hydraulic veneer press with a vacuum press from BARTH. Today I am happy that I took this step."



CORVUS® 3014.40 speed-up
with optional cover plate

Product video



Pivotable and flexible

CORVUS®-S

The CORVUS®-S models impress with their small footprint. Thanks to the sturdy folding construction in conjunction with the wheels, you can use your vacuum press very flexibly throughout the workshop.

The optional cover plate is not only a protection for the membrane, it also provides a support and worktop. The extremely stretchable natural rubber membrane does not leave any wishes, even when performing shape bonding.



CORVUS®-S 3014 speed-up

Space-saving



Technical data of CORVUS®-S models

- Membrane: Natural rubber, highly resilient (silicone membrane upon request)
- Vacuum pump 40 m³/h, lubricated with circulating oil
- Tank capacity: 1x100 l
- electronic pressure monitoring with REVO II pressure switch
- Sturdy movable frame
- additional vacuum connection with 13 mm hose fitting
- **clamping dimensions L x W:**
CORVUS®-S 3014: 3,000 x 1,420 mm
CORVUS®-S 3514: 3,500 x 1,420 mm
- **Footprint L x W x H:**
CORVUS®-S 3014 or 3514: 3,290 or 3,790 x 1,650 x 940 mm

Speed-up option

- Vacuum press, lubricated with circulating oil
- Power: 40 m³/h
- Vacuum distribution plate
- Pressure controller: digital type REVO II, see page 56



Instant information at:
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info@barth-maschinenbau.de



A BARTH vacuum press was used to manufacture the handrail in the staircase of the company Rüscher.

The space-saving wall-mounted version

CORVUS®-W

For the smallest space requirement we have developed the CORVUS®-W models for wall mounting.

For this series, the vacuum pump and the storage tank are supplied as a standalone unit. The machine can thus easily be folded up when not in use and requires no place in the workshop routine. All the usual advantages of a vacuum press are maintained.



Space-saving
when not in use,
depth is only 520 mm

Technical data of CORVUS®-W models

- Membrane: Natural rubber, highly resilient (silicone membrane upon request)
- Vacuum pump 40 m³/h, lubricated with circulating oil
- Tank capacity: 1x100 l
- electronic pressure monitoring with REVO pressure switch
- additional vacuum connection with 13 mm hose fitting
- **clamping dimensions L x W:**
CORVUS®-W 3014: 3,000 x 1,420 mm
CORVUS®-W 3514: 3,500 x 1,420 mm
- **Footprint L x W x H:**
CORVUS®-W 3014: 3,500 x 520 x 2,170 mm
CORVUS®-W 3514: 4,000 x 520 x 2,170 mm

Speed-up option

- Vacuum press, lubricated with circulating oil
- Power: 40 m³/h
- Vacuum distribution plate
- Pressure controller: digital type REVO II, see page 56





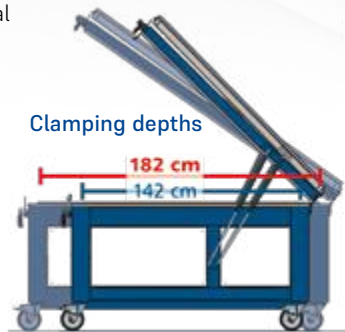
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The industrial grade

TAURUS®

The BARTH TAURUS® vacuum press is the flagship of the vacuum press fleet. It combines flexibility in part processing and mass production with the widest possible work area. So, there is no limit to creativity and fields of application.

With lengths from 4 meters – up to special lengths – and the two **clamping depths of 142 and 182 cm**, the elasticity limits of the membrane are expanded in addition to the dimensions of the work table. Larger, higher and above all longer parts can thus be bonded in a comfortable way.



- 
Flexible
 Fields of application: Veneering, edge processing and shape bonding
- 
Energy-saving
 low energy consumption
- 
High pressure
 high pressure of up to 10 t/m²
- 
Efficiency
 electronic pressure monitoring with REVO II pressure switch



Latch for opening the membrane frame with overhead crane



Technical data TAURUS®

- Membrane: Natural rubber, highly resilient (silicone membrane upon request)
- Standard version with speed-up:
 Pressure regulator: electronic, REVO II type, vacuum pump lubricated with circulating oil
 Power: 40 m³/h, vacuum distributor plate
- Tank capacity: 2x100 l
- additional vacuum connection with 13 mm hose fitting
- clamping dimensions L x W:
 TAURUS® 4014 speed-up or 5014 speed-up:
 4,000 or 5,000 x 1,420 mm
 TAURUS® 3018 speed-up, 4018 speed-up or 5018 speed-up:
 3,000, 4,000 or 5,000 x 1,820 mm
- Footprint L x W x H:
 TAURUS® 4014 speed-up or 5014 speed-up:
 4,290 or 5,290 x 1,650 x 940 mm
 TAURUS® 3018 speed-up, 4018 speed-up or 5018 speed-up:
 3,290, 4,290 or 5,290 x 2,050 x 940 mm



ALOIS KERMER
MT-Propeller aus Atting

"Together with BARTH Maschinenbau, we developed a "vacuum bag" that replaced the cumbersome cable ties. But the solution with vacuum bags also reached its limits, and therefore BARTH developed our own vacuum press with a heating hood to significantly speed up the work process."

High pressure



TAURUS® 5518 speed-up
with optional cover plate

Product video



- Powerful vacuum pump
40 m³/h, with 2x100 l storage tank
- Natural rubber membrane
highly resilient
- Differential pressure circuit
digital, REVO II
- Cover plate, folding
protects the membrane against sunlight
(optional)



Vacuum connection
additional connection for vacuum bag

The concept of the preheating station in the BARTH TAURUS® H is based on an electric heating plate. This guarantees even and gentle heating of the materials without the risk of discolorations of the material.

The industrial grade TAURUS® H

Industrial vacuum press TAURUS® H with preheating station

Preheating station (H)

- Max. size of workpiece:
2,600 x 950 mm
- Electrical heating plate
- Electronic temperature monitoring
- solid drawer slide
- Connection: 400 V / 9,45 kW / 16 A

Technical data TAURUS® H

- Membrane: Silicone membrane, highly resilient
- **Standard version with speed-up:**
Pressure regulator: electronic, REVO II type, vacuum pump lubricated with circulating oil
Power: 40 m³ / h, vacuum distributor plate
- Tank capacity: 4 x 60 l
- Highly sturdy movable frame
- Additional vacuum connection with 13 mm hose fitting
- Clamping dimension L x W:
TAURUS® H 3014 speed-up: 3,000 x 1,420 mm
- Footprint L x W x H:
TAURUS® H 3014 speed-up (with preheating station): 3,860 x 2,730 x 940 mm

Other sizes on request



Additional
standard
vacuum outlet
for e.g. vacuum bag

The industrial grade

TAURUS® P

The TAURUS® P vacuum press is perfect for industrial applications. Its stable frame and the rubber membrane are moved by four solid cylinders, pulling the membrane completely parallel over the workpiece. Warping is reliably avoided, even with tall parts.

Parallel movement (P)

- Large opening 1,370 mm (membrane frame bottom edge 1,950 mm)
- 4 solid cylinders
- Membrane frame change system

Technical data TAURUS® P

- Membrane: Natural rubber, highly resilient
 - Standard version with speed-up:
Pressure controller: electronic REVO II type, vacuum pump lubricated with circulating oil
Power: 40 m³/h, vacuum distributor plate
 - Tank capacity: 2 x 100 l
 - Highly sturdy movable frame
 - Additional vacuum connection with 13 mm hose fitting

 - Clamping dimension L x W:
TAURUS® P 3014 speed-up: 3,000 x 1,420 mm

 - Footprint L x W x H:
TAURUS® P 3014 speed-up (with parallel movement):
3,860 x 1,540 x 2,500 mm
- Other sizes on request



The BARTH vacuum press TAURUS® HP: It combines flexibility in part processing and mass production with the widest possible work area. So, there is no limit to creativity and fields of application.

The industrial grade TAURUS® HP

Industrial vacuum press TAURUS® HP with preheating station and parallel movement

Preheating station (H)

- Max. size of workpiece: 2,600 x 950 mm
- Electrical heating plate
- Electronic temperature monitoring
- Solid drawer slide
- Connection: 400 V / 9,45 kW / 16 A

Parallel movement (P)

- Large opening 1,100 mm (membrane frame bottom edge 1,950 mm)
- 4 solid cylinders
- Membrane frame change system

Technical data TAURUS® HP

- Membrane: Silicone membrane (HP), natural rubber, highly resilient (P)
- **Standard version with speed-up:**
Pressure regulator: electronic, REVO II type, vacuum pump lubricated with circulating oil
Power: 40 m³ / h, vacuum distributor plate
- Tank capacity: 4 x 60 l (HP), 2 x 100 l (P)
- Highly sturdy movable frame
- Additional vacuum connection with 13 mm hose fitting

- Clamping dimension L x W:
TAURUS® HP 3014 speed-up: 3,000 x 1,420 mm
 - Footprint L x W x H:
TAURUS HP 3014 speed-up (with preheating station and parallel movement): 3,860 x 2,730 x 2,500 mm
- Other sizes on request



User video





■ Heating plate
for gentle and even heating

■ Large opening, 1,100 mm

■ Solid cylinders



The compact class

LUPUS

The LUPUS vacuum press series can be used for a wide variety of applications such as veneering, laminating, solid wood bonding or form bonding.

It is definitely the optimal solution for professional users and ambitious DIY enthusiasts processing smaller workpieces. The membrane clamping is equipped with the high-quality sealing profile and impresses with the proven BARTH quality.



LUPUS 2312 with optional vakuuBOX 8.5



LUPUS 1208 with optional vakuuBOX 8.5

Technical data LUPUS 1208 and 2312

- With natural rubber membranes (silicone membranes are optionally available)
- 3 m suction hose
- Without vacuum supply
- Small and lightweight, removable feet
- Clamping dimension L x W:
LUPUS 1208: 1,200 x 800 mm
LUPUS 2312: 2,300 x 1,200 mm
- Footprint L x W x H:
LUPUS 1208: 1,350 x 1,000 x 980 mm
LUPUS 2312: 2,450 x 1,400 x 980 mm

■ removable feet

■ high quality membrane clamping

■ Ventilation by ball valve

■ Vacuum supply vakuuBOX 8.5 (optional)

Mobile and powerful

Vacuum pumps

PT 25100

The mobile vacuum generator PT 25.100 supplies your vacuum units independently of fixed connections. Internally, it has a powerful vacuum pump feeding a 100 liter supply tank. For devices with low vacuum consumption, two 13 mm hose fittings are provided, as well as a 25 mm hose fitting for the BARTH vacuum presses.



Speed-up option

- higher pressure of up to 10 t/m²
- up to 50% shorter pressing times when veneering
- electronic pressure monitoring with REVO II pressure switch
- digital vacuum display

PT 25100

- Automatic cut-out
- Power: 25 m³ / h, dry-running
- Tank capacity 100 l
- max. vacuum 850 mbar
- Footprint: 1,360 x 560 x 670 mm

The power package

vakuuBOX 8.5



Technical data vakuuBOX 8.5

- dry-running
- tank capacity 4.8 litres
- max. vacuum 850 mbar
- suction power 8 m³/h
- manual differential pressure switch
- Pressure continuously adjustable up to 85% vacuum
- Size LxWxH: 400 x 300 x 330mm
- Weight: 21kg
- Connection 13 mm nozzle with ball valve
- Connection with quick coupling for vacuum suction cups

Mobile and lightweight

Vacuum pump 5.0



Technical data vacuum pump 5.0

- dry-running
- max. vacuum 850 mbar
- suction power 5 m³/h
- manual differential pressure switch



There are no limits

Vacuum bag

Open to all forms and tasks – The vacuum bag

Vacuum bags are the precursors of the modern vacuum presses which are characterized by a simple and cost-efficient technology. They mainly consist of a membrane bag, which is closed on one narrow side. However, they are more complex to handle than modern vacuum presses.

They can be used for press tasks like:

- Veneer bonding
- Form bonding
- Wrapping veneer and
- Edge bonding

For pressing, the workpieces are placed in the vacuum bag which is then hermetically sealed and connected to a vacuum pump. The great advantage of the BARTH vacuum bags is the material, an extremely stretchable and resilient natural rubber which is also used in the vacuum presses. So, the vacuum bag does not wrinkle during bending. BARTH provides all vacuum bags with a comfortable closure which is always located on the narrow side so that the vacuum bags can be easily and safely closed. The vacuum bags can be bended any way and can be formed to any shape.

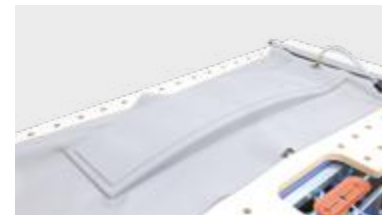
The vacuum bags demonstrate their strength when pressing large moulded parts as they only have to take up the material to be pressed. The forming element (template) may be left outside the bag. Alternatively, it is also possible to place suitably stable templates into vacuum bag, as in the vacuum press.



Vacuum bag with vakuuBOX 8.5



User video

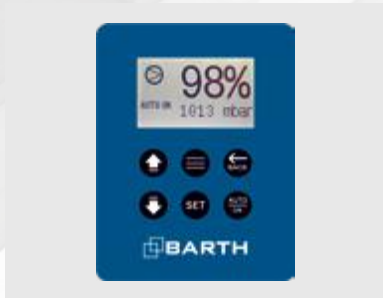


Technical data vacuum bag

- Vacuum bag with one open short side
- available widths:
750 mm (usable width 650 ± 20 mm)
1,500 mm (usable width 1,400 ± 20 mm)
- available lengths: from 1 m to max. 20 m (in integral meters)
- Suction nozzle for 13 mm vacuum hose
- Closure strip
- Manual slide valve and 5 m vacuum hose

Machine accessories

REVO II pressure switch



Electronic pressure monitoring with REVO II pressure switch:
 > larger display
 > continuous mode function with timer
 > easy operation with more buttons
 > ergonomic due to larger buttons

Cover plate



Protects the membrane from mechanical damage and UV radiation; provides an easily loadable worktop; easily folding thanks to gas spring support

Vacuum distributor plate slotted MDF plate



For models	Art.no.
1208	BP-11-1208-28
2312	BP-11-2312-28
3014	BP-25-3014-00-28
3514	BP-25-3514-00-28

Additional 100 l vacuum tank

ensures an even faster evacuation

Lupus wall bracket

Art. no. BP-11-31

Wall bracket for LUPUS 2312 and 1208

Membrane accessories

Silicone membrane



Temperature resistant up to 220° C
 Any device can be optionally equipped with a silicone membrane.

Removable frame



For a frequent change of the membrane from natural rubber to silicone, it is recommended to purchase a removable frame as an accessory.

Talcum



Art. no. BP-40-08

To improve sliding of the membrane on the worktop or the workpiece, it is recommended to dust the membrane with talcum.

500 g can

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We focus on your requirements

Custom solutions of vacuum presses



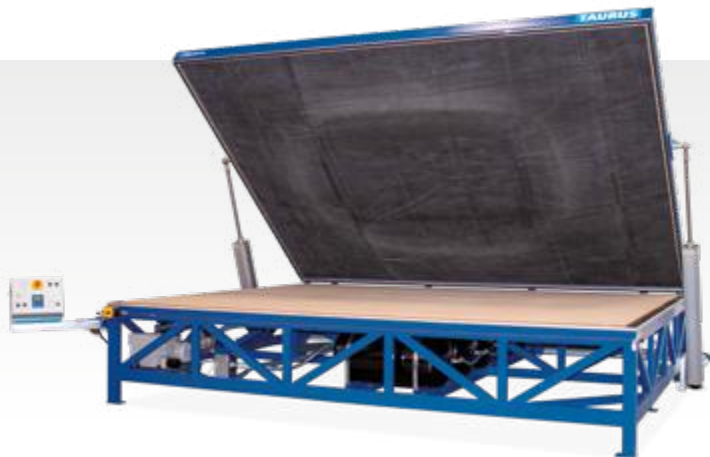
Special sizes on request



TAURUS 4018 with heated hood



Upon request with pneumatic or hydraulic membrane opening



Automated control of the pressing time and membrane opening. With light barrier as safety device.

Creative, innovative, efficient

BARTH MULTI-press



Overview

BARTH MULTI-presses

RP / RPW

Page 80



RPG

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RPG-NH

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RPGL-NH

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RPGL 20/25

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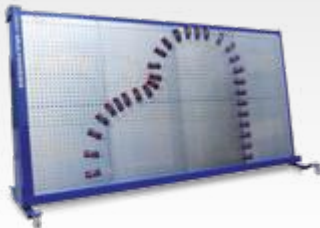
RPG-V / RPGL-V

Page 88



RPL

Page 90



Manual hydraulics

Page 91



Creative, innovative, efficient

The MULTI-press system

RP / RPW

The space-saving allrounder
Page 80



RPG

The smart modular system
Page 28



Double-sided RPG

The smart modular system



The patented idea of BARTH provides a smart solution regarding the pure frame press. The RPGL provides a hole plate behind a system press.

This RPGL press and assembly center can be used for any bonding and assembly work. Important advantages of such press centers are the smaller footprint as well as the enormous flexibility and versatility. In particular, the short set-up times must be considered; attachment parts and accessories can be assembled and disassembled without tools.

Type	Forfor bonding Clamping dimension (L x H)	Forfor frames * Clamping dimension (L x H)	Forfor frames ** Clamping dimension (L x H)	for carcasses * Clamping dimension (L x H)	for carcasses ** Clamping dimension (L x H)	Footprint (L x H x D)	Footprint with Zentralhydraulik (L x H x D)
RP 2501	2,400x1,580 mm	2,110x1,580 mm	2,050x1,580 mm	2,110x1,340 mm	2,050x1,340 mm	2,560 x 2,250 x 720 mm	2,650 x 2,400 x 730 mm
RP 3001	2,900x1,580 mm	2,610x1,580 mm	2,550x1,580 mm	2,610x1,340 mm	2,550x1,340 mm	3,060 x 2,250 x 720 mm	3,150 x 2,400 x 730 mm
RP 4001	3,900x1,580 mm	3,610x1,580 mm	3,550x1,580 mm	3,610x1,340 mm	3,550x1,340 mm	4,060 x 2,250 x 720 mm	4,150 x 2,400 x 730 mm
RPG 2025 / 2525	2,400x1,580 / 2,080 mm	2,110x1,580 / 2,080 mm	2,050x1,580 / 2,080 mm	2,110x1,340 / 1,840 mm	2,050x1,340 mm	2,580x2,250 / 2,750x800 mm	2,860x2,400 / 2,900x800 mm
RPG 2030 / 2530	2,900x1,580 / 2,080 mm	2,610x1,580 / 2,080 mm	2,550x1,580 / 2,080 mm	2,610x1,340 / 1,840 mm	2,550x1,340 / 1,840 mm	3,080x2,250 / 2,750x800 mm	3,360x2,400 / 2,900x800 mm
RPG 2040 / 2540	3,900x1,580 / 2,080 mm	3,610x1,580 / 2,080 mm	3,550x1,580 / 2,080 mm	3,610x1,340 / 1,840 mm	3,550x1,340 / 1,840 mm	4,080x2,250 / 2,750x800 mm	4,360x2,400 / 2,900x800 mm
RPG 2050 / 2550	4,900x1,580 / 2,080 mm	4,610x1,580 / 2,080 mm	4,550x1,580 / 2,080 mm	4,610x1,580 / 2,080 mm	4,550x1,580 / 2,080 mm	5,080x2,250 / 2,750x800 mm	5,360x2,400 / 2,900x800 mm
RPG 2025 double sided	2,400x1,580 mm	2,110x1,580 mm	2,050x1,580 mm	2,110x1,340 mm	2,050x1,340 mm	2,580x1,360x2250 mm	3140x1,510x2250 mm
RPG 2030 double sided	2,900x1,580 mm	2,610x1,580 mm	2,550x1,580 mm	2,610x1,340 mm	2,550x1,340 mm	3,080x1,360x2,250 mm	3,640x1,510x2,250 mm
RPG 2040 double sided	3,900x1,580 mm	3,610x1,580 mm	3,550x1,580 mm	3,610x1,340 mm	3,550x1,340 mm	4,080x1,360x2,250 mm	4,640x1,510x2,250 mm

*Lateral pressure device with rack-and-pinion gears **Lateral pressure device with hydraulic cylinder | with lateral pressure device L +190mm, with movable frame T + 450 mm, H + 25 mm with hold-down clamps H + 90 mm

RPG-NH / RPGL-NH

Comfort bonding in a modular system
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RPGL

The frame and hole plate
press combination
Page 86



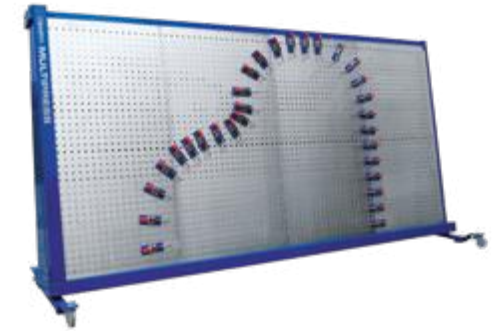
RPG-V / RPGL-V

The space-saving press/bonding center
Page 88/89



RPL

The creative press
Page 90



Type	for bonding Clamping dimension (L x H)	for frames * Clamping dimension (L x H)	for frames ** Clamping dimension (L x H)	for carcasses * Clamping dimension (L x H)	for carcasses ** Clamping dimension (L x H)	Footprint (L x H x D)	Footprint with central hydraulic system (L x W x D)
RPG-NH 2030	2,900x1,580 mm	2,610x1,580 mm	2,550x1,580 mm	2,610x1,340 mm	2,550x1,340 mm	3,580 x 980 x 2,410 mm	3,860 x 1,130 x 2,410 mm
RPG-NH 2040	3,900x1,580 mm	3,610x1,580 mm	3,550x1,580 mm	3,610x1,340 mm	3,550x1,240 mm	4,580 x 980 x 2,410 mm	4,860 x 1,130 x 2,410 mm
RPGL 2030 / 2530	2,900x1,580 / 2,080 mm	2,610x1,580 / 2,080 mm	2,550x1,580 / 2,080 mm	2,610x1,340 / 1,840 mm	2,550x1,340 / 1,840 mm	3,080x2,250 / 2,750x800 mm	3,360x2,400 / 2,900x800 mm
RPGL 2040 / 2540	3,900x1,580 / 2,080 mm	3,610x1,580 / 2,080 mm	3,550x1,580 / 2,080 mm	3,610x1,340 / 1,840 mm	3,550x1,340 / 1,840 mm	4,080x2,250 / 2,750x800 mm	4,360x2,400 / 2,900x800 mm
RPL 2030	2,850x1,860	–	–	–	–	3,030x750x2,080 mm	–
RPL 2040	3,850x1,860 mm	–	–	–	–	4,030x750x2,080 mm	–
RPL 2525	2,330x2,390 mm	–	–	–	–	2,530 x 900 x 2,570 mm	–
RPL 2530	2,830x2,390 mm	–	–	–	–	3,030 x 900 x 2,570 mm	–
RPL 2540	3,830x2,390 mm	–	–	–	–	4,030 x 900 x 2,570 mm	–
RPL 3240	3,850x3,060 mm	–	–	–	–	4,030x1,200x3,200 mm	–
RPL 3250	4,850x3,060 mm	–	–	–	–	5,030 x 1,200 x 3,200 mm	–
RPG-V 2033 / 2533	3,250x1,580 / 2,080 mm	2,960x1,580 / 2,080 mm	2,900x1,580 / 2,080 mm	2,960x1,340 / 1,840 mm	2,900x1,340 / 1,840 mm	3,420x2,250 / 2,750x1,260 mm	3,660x2,400 / 2,900x1,200 mm
RPG-V 2038 / 2538	3,750x1,580 / 2,080 mm	3,460x1,580 / 2,080 mm	3,400x1,580 / 2,080 mm	3,460x1,340 / 1,840 mm	3,400x1,340 / 1,840 mm	3,920 x 2,250 / 2,750 x 1,260 mm	4,160 x 2,400 / 2,900 x 1,200 mm

*Lateral pressure device with rack-and-pinion gears **Lateral pressure device with hydraulic cylinder | with lateral pressure device L +190mm, with movable frame T + 450 mm, H + 25 mm with hold-down clamps H + 90 mm

The space-saving allrounder

MULTI-Press RP / RPW

Bonding with glue presses on trestles is very time-consuming and requires a large surface in the bench area.

The presses of the RP series are mobile and space-saving when used in the workshops. Difficult and time-consuming bonding with glue presses is no longer necessary, considerably reducing the assembly times. Whether frame, carcass or panel processing; the MULTI-Press with its robust construction and the HPI hand pump, especially designed for woodworking, support you with full power.



Universal use
frame, surface, stands,
carcass, ...



System press
expandable at any time with
accessories up to a carcass press
(impossible with a rack-and-pinion-gear)



Quick set-up
tool-free attachment and
removal of accessories



Efficiency
increasing the value-adding time
for manual work



Quality
solid steel frame,
resistant surfaces, made in Germany



Technical data of RP models

- 3 press units with manual pump
HPI pressure elements 100 mm
stroke, 2,000 kg pressing force
- 90° stop
- The MULTI-Press RP is expandable
at any time with the components
of the MULTI-press system

Technical data of RPW models

- 3 press units with rack-and-pinion
gear with 140 mm stroke, 1,000 kg
pressing force
- 90° stop
- The MULTI-Press RPW is
expandable
at any time with the components
of the MULTI-press system.

On request, the frame is supplied
disassembled.

Dimensions, refer to table on page 78



Instant information at:

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



Base version of RPW



RP with optional accessories

User video



The smart modular system for your workshop


MULTI-Press RPG 20 / RPG 25


BARTH develops and manufactures universal system presses for efficient processing of:

- Carcass
- Frame
- Stands and plates

They have been especially developed to carry out sizing work in a quick and cost-effective way. Productivity in your workshop increases and you save time. Even intractable wood cannot withstand the system presses. With a clamping force of up to 2,000 kg, they bring each piece into the correct position with the turn of your hand. Customers always expect 100% quality with strong and uniform glued joints. BARTH system presses are a future-proof investment.



 **System press**
expandable at any time with accessories up to a carcass press (impossible with a rack-and-pinion-gear)

 **Quick set-up**
tool-free attachment and removal of accessories

Technical data of RPG 20 models

- Base frame made of a solid steel frame
- 90° stop on the left side
- Solid cross-bracing
- Powder-coated surface

Technical data of RPG 25 models

- RPG 20, but higher 90° stop (+ 500 mm)
- On request, the frame is supplied disassembled.
Dimensions, refer to table on page 78



DI (FH) THOMAS HUBER
Schreinerei Huber
in Kirchbichl

*„The MULTI-press RPG 2040
has given us many advantages for
the effectiveness of our
production!“*



RPG 2040 with optional accessories
Various accessories, starting page 92.

User video



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Comfort bonding in a modular system

MULTI-Press RPG-NH

Everyone who has to carry out a lot of wide bonding every day will be glad about the easy operation of the mobile hold-down clamps.

The hold-down clamp is recommended for each wide bonding, e.g. tabletops. It prevents the edges from sliding on the glue joint. Thus, a high surface removal by grinding or even planing is not necessary. The high pressure prevents the edges from protruding. This increases safety considerably. The conventional hold-down clamp is mounted for any bonding and, removed afterwards. The mobile hold-down clamp is simply pushed on ball bearing guides over the surface to the side. The hand levers of the manual hydraulic cylinders simply fold away.

More comfort is not possible!



Technical data of RPG-NH models

- Base frame
- 90° stop
- Guide rails for mobile hold-down clamp
- 2 mobile hold-down clamps

Dimensions, refer to table on page 78

*RPG-NH 2030 with moving device and accessories
Various accessories, starting page 92.*

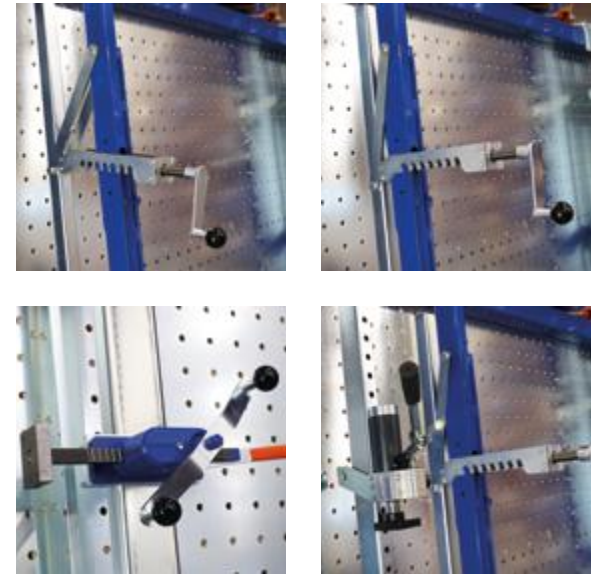
Comfort bonding in a modular system

MULTI-Press RPGL-NH

Patented



RPGL-NH 2040 with moving device and accessories
Various accessories, starting page 92.



- hold-down clamp quick adjustment (also applies to RPG-NH)
- rack-and-pinion-gear of lateral pressure device with offset manual crank (also applies to RPG-NH)
- Folding hand lever swivels away for the hold-down clamp (also applies to RPG-NH)

Technical data of RPGL-NH models

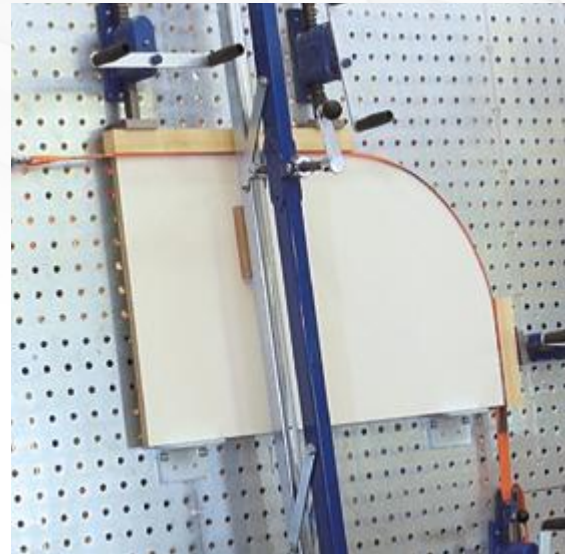
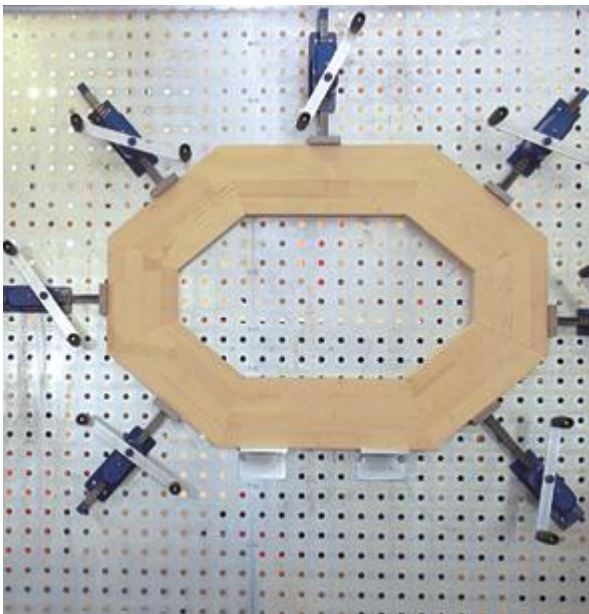
- 6 mm steel hole plate, hole grid 70 mm
- Base frame
- 90° stop
- Guide rails for mobile hold-down clamp
- 2 mobile hold-down clamps




The frame and hole plate combination

MULTI-Press RPGL 20 / RPGL 25

The models of the BARTH Multipress RPGL have not only been designed for bonding.

They are also used as ergonomic assembly device which should be considered when designing the workplace. The BARTH press and assembly center RPGL is based on the base frame of the MULTI-Press RPG and offers many possibilities to perform bonding and assembly tasks quickly and without long changeover times.



- 
System press
 expandable at any time with accessories up to a carcass press (impossible with a rack-and-pinion-gear)
- 
Quick set-up
 tool-free attachment and removal of accessories
- 
Efficiency
 increasing the value-adding time for manual work

Technical data of RPGL 20 models

- Base frame made of a solid steel frame
- Powder-coated surface
- Hole plate integrated in the base frame, 6 mm steel, galvanized surface
- 90° stop for the hole plate level
- 90° stop for the press units level

Technical data of RPGL 25 models

- like RPGL 20 but: Higher 90° stop for the press units level (+500 mm)

Dimensions, refer to table on page 78



Instant information at:

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

MULTI-Press RPGL



ROBERT RAGER
Staatstheater
Augsburg

"We have chosen a frame press from BARTH as it is incredibly flexible to use. In addition, we ordered the hole plate as it is important to us to press relatively slanting, bulky frames."



RPGL 2040 with optional accessories
Various accessories, starting page 92.

User video



The space-saving press center for any bonding work

Bonding center

The best of both worlds for any bonding work – a combination of space saving and efficient! The fusion of a MULTI-press and a vacuum membrane press.

On the one hand, a MULTI press RPG, which can be individually equipped to fit your needs. In addition, you can add accessories at any time to expand it to a carcass press. The hole plate of the RPGL-V provides you with all options for bonding work, offering an extremely versatile range of applications.

On the other hand, you have all the benefits of the vacuum press CORVUS®-W (see page 62). Expand your workplace while saving space. When not in use, simply fold up the vacuum press and the support feet secured by a spring bolt.




Your biggest benefit:
You can process several workpieces simultaneously in less time!



Vacuum press with cover plate, to be used as work table



Low space requirement and mobile

-  **System press**
expandable at any time with accessories up to a carcass press
-  **Quick set-up**
tool-free attachment and removal of accessories
-  **Space-saving**
through folding vacuum press



Technical data of RPG-V models

- Solid base frame
- 90° stop
- Folding vacuum press
- Vacuum press (dry-running)
- 100 l tank

Technical data of RPGL-V models

- 6 mm steel hole plate with 70 mm hole grid
- Dimensions, refer to table on page 78

Speed-up option:

Advantages

- higher pressure
- up to 50% shorter press time
- electronically maximised pressure

Additional scope of supply

- vacuum press, lubricated with circulating oil
- Power: 40 m³/h
- Pressure controller: digital type REVO II Benefits, refer to page 56
- vacuum distributor plate

Patented



RPGL-V with hole plate with optional accessories



RPG-V with optional accessories. Various accessories, starting page 92.

User video



- Cover plate for vacuum press (optional)
- Solid base frame powder-coated surface
- Hold-down clamps with trapezoidal spindle (optional)

The creative press

MULTI-Press RPL

With the BARTH hole plate press RPL your ideas have no limits.

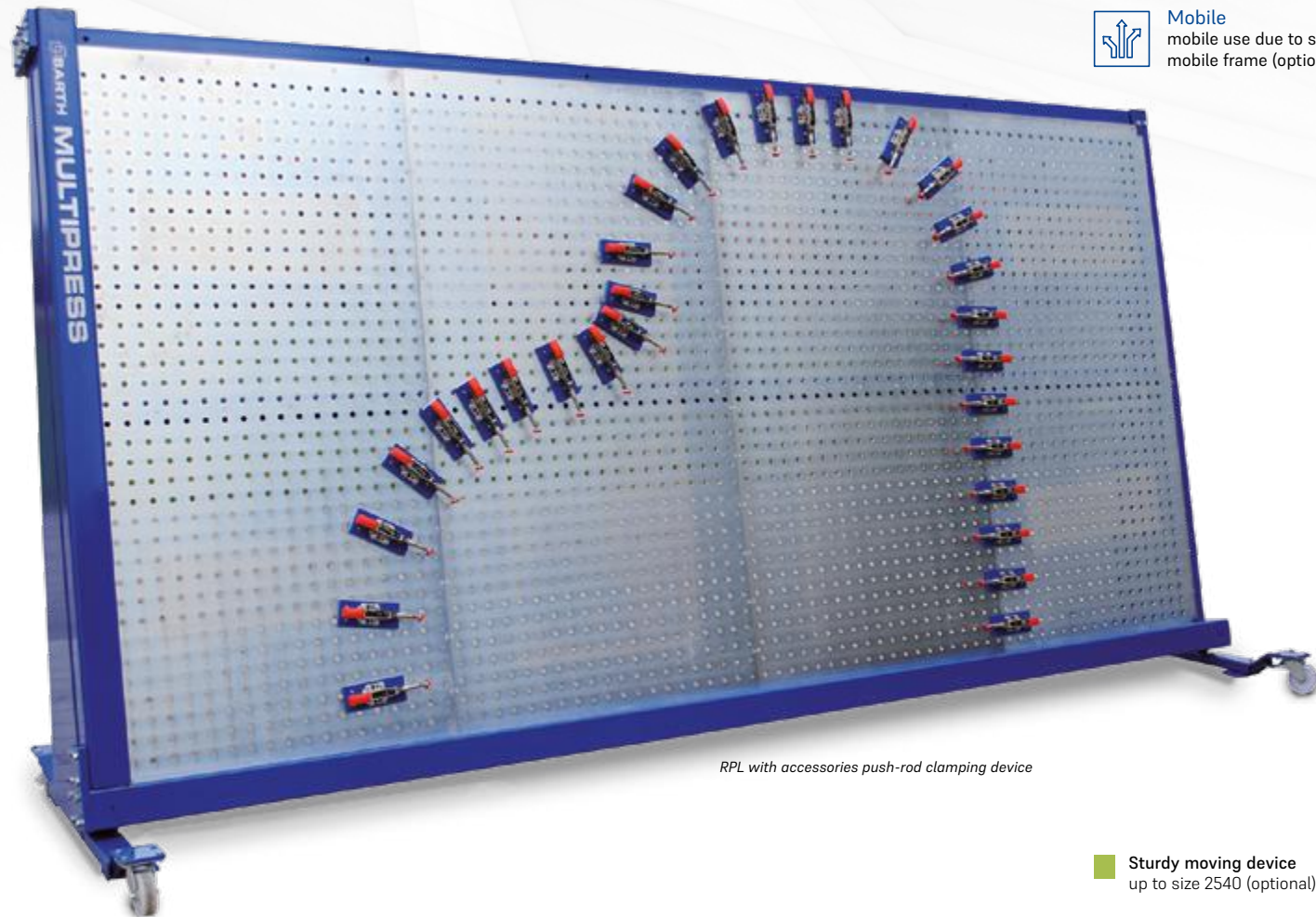
Due to the small hole pitch of 70 mm and the large stroke of the rack-and-pinion gear, any contour can be pressed. The laser-cut precision holes are precisely positioned to 0.1 mm.

The hole plate press is available in various standard sizes (refer to table on page 78). Special solutions are possible on request.

Technical data RPL

- 6 mm steel hole plate, hole grid 70 mm
- 90° stop

Various accessories, refer to page 92
Dimensions, refer to table on page 78



RPL with accessories push-rod clamping device



Adjustable
individual arrangement of bonding tools in a 70 mm hole grid



Mobile
mobile use due to smooth-running mobile frame (optional)

Sturdy moving device
up to size 2540 (optional)

BARTH press technology

Manual hydraulics

Time saving

The time saving and the high pressure allow the use of a glue with short curing times. In this way, a double time saving is achieved!

100 mm stroke

The extended stroke also allows the pressing of dowel connections in large lengths in only one pass. This saves time!

2,000 kg pressing force

Due to the high pressure an even thinner, exact glued joint is achieved! The result is a barely visible glued joint!

2-step pump system

The distance up to the workpiece is covered by a quick stroke. This saves time! For pressure build-up, the system automatically switches to pressure stroke. Thus, the maximum pressure of 2,000 kg is easily reached.



Manual hydraulic cylinder HSH01

Manual pump HP1

One-hand operation

Clamping and unclamping with one handle! No additional valve for unclamping – simply push the handle upwards. Thus, one hand is free to clamp, hold or position the workpiece.

Overload protection

After reaching the maximum pressure, an overpressure valve protects the entire system, to ensure its longevity!



Retrofittable
also for many third party equipment

e.g. retrofitting kit for HESS press
Art. BM-35-03-02-71

Solutions for trade and industry

BARTH press technology innovations

Rack-and-pinion-gear



suitable for	Art.no.
RPW models	BM-35-02
RPG models	BM-60-02

Affordable pressure element, which works purely mechanically with a self-locking gear transmission.

Advantages

- 140 mm stroke
- Pressure approx. 1,000 kg
- very quick stroke

Pro equipment



suitable for	Art.no.
1 circuit unit RPG	BM-60-43
1 circuit unit RPGL	BM-70-43
2 circuit unit RPG	BM-60-44
2 circuit unit RPGL	BM-70-44

Pressure build-up takes place at a central location without any effort using the electrical unit.

eDUAL equipment



suitable for	Art.no.
1 circuit unit RPG	BM-60-45
1 circuit unit RPGL	BM-70-45
2 circuit unit RPG	BM-60-46
2 circuit unit RPGL	BM-70-46

The benefits of the manual hydraulic cylinders and the Pro equipment are combined here. As needed, the cylinder can be actuated manually from the central unit or very comfortably using the electro-hydraulic unit.

Pneumatic equipment



- upon request
- max. pressure 500 kg per cylinder
- various control options
- ideal for large-scale production



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

Accessories

Thanks to the BARTH modular system, your BARTH MULTI-press adapts to the growing requirements.

For example, various attachments can convert a simple bonding press into a frame or even a carcass press. With the BARTH MULTI-press system press, there is no reason why an order-related extension should not be possible – an important decision-making criterion.

Press units

Rack-and-pinion gear



suitable for	Art.no.
RPG models	BM-60-02
RPW models	BM-35-02

Manual pumps



suitable for	Art.no.
RP models	BM-35-08
RPG (V) 20 models	BM-60-51
RPG (V) 25 models	BM-60-52

Manual hydraulic cylinder



suitable for	Art.no.
RPGL 20	BM 60-03
RPGL 25	BM-60-07
RPG-NH models	BM 65-03

Central hydraulic cylinder



suitable for	Art.no.
RP-Pro	BM-55-04
RPG (L/NH) 20 Pro	BM-60-04
RPG (L/NH) 25 Pro with higher clamping dimension	BM-60-08

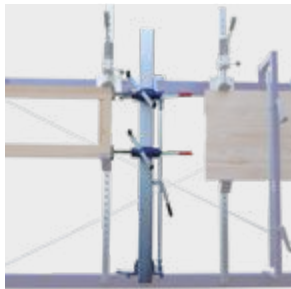
DUAL hydraulic cylinder



suitable for	Art.no.
RPG (L) 20 eDUAL	BM-60-06
RPG (L) 25 eDUAL models with higher clamping dimension	BM-60-09
RPG-NH models	BM-65-06

Lateral pressure devices

with 2 rack-and-pinion-gears



suitable for	Art.no.
RP (W) models	BM-35-20
RPG/RPGL 20 models	BM-70-20
RPG 25 models	BM-60-23
RPG-NH models	BM-65-20

with 2 manual pumps



suitable for	Art.no.
RPG (V) 20 models	BM-70-62
RPG 25 models	BM-70-63

with 2 manual hydraulic cylinders



suitable for	Art.no.
RPGL 20 models	BM-70-22
RPGL 25 models	BM-70-25
RPG-NH models	BM-65-22

90° stop, attachable



suitable for	Art.no.
RPG (L) 20 models	BM-60-29
RPG (L) 25 models with higher clamping dimension	BM-60-31

Hold-down clamps

Hold-down clamp



suitable for	Art.no.
RP models	BM-35-10

Hold-down clamp plus



suitable for	Art.no.
RPGL models	BM-60-11
RPGL (press unit level)	BM-70-12

Various accessories

Carcass top tensioner



suitable for	Art.no.
all except RPW	BM-35-42
Carcass set: 1x carcass top tensioner and 1x carcass support	BM-35-46

Carcass support



suitable for	Art.no.
all models	BM-35-41
Carcass set: 1x carcass top tensioner and 1x carcass support	BM-35-46

Movable frame



suitable for	Art.no.
RP / RPW models	BM-35-55
RPG/RPGL/RPL 20xx	BM-70-55
RPGL-V/RPG-NH/ RPGL-NH-V/two sides	BM-70-57



Mitre bonding device



suitable for	Art.no.
all models Set, includes 4 brackets	BM-35-57

Swivel-mounted shoe ± 30°



suitable for	Art.no.
all models	BM-35-56

Drawer set resp. with 150 mm support shoe



Pressure point offset for...	Art.no.
30 mm	BM-35-43
50 mm	BM-35-45



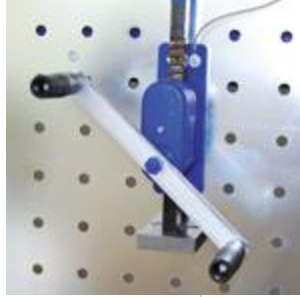
Accessories for 6 mm steel hole plate (hole diameter 15.5 mm)

Rack-and-pinion gear, small



	Art.no.
small	BM-70-49

Rack-and-pinion gear, large, for hole plate



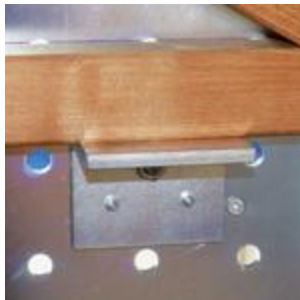
	Art.no.
large	BM-70-33
large with belt retainer	BM-70-59

Belt with turnbuckle



	Art.no.
Length 3,000 mm	BM-70-60-0300

Support



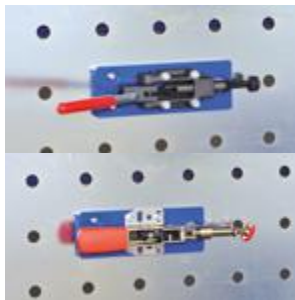
	Art.no.
360° pivotable	BM-70-34

Vertical clamping device

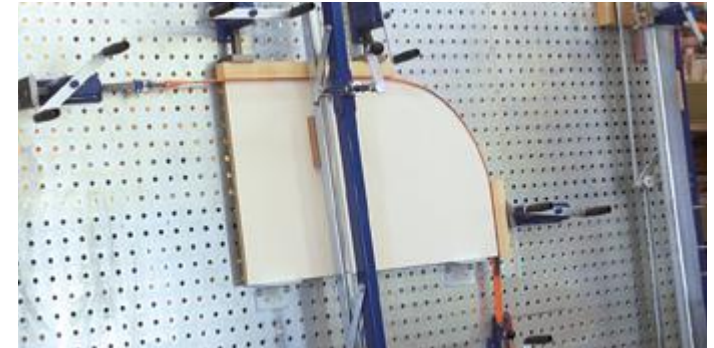
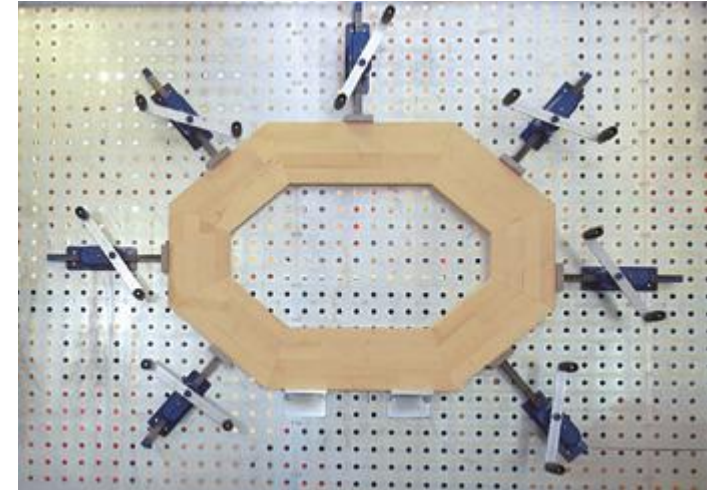


	Art.no.
with 2K handle, jaw capacity, clamping height 200 mm	BM-70-38

Push rod clamping device

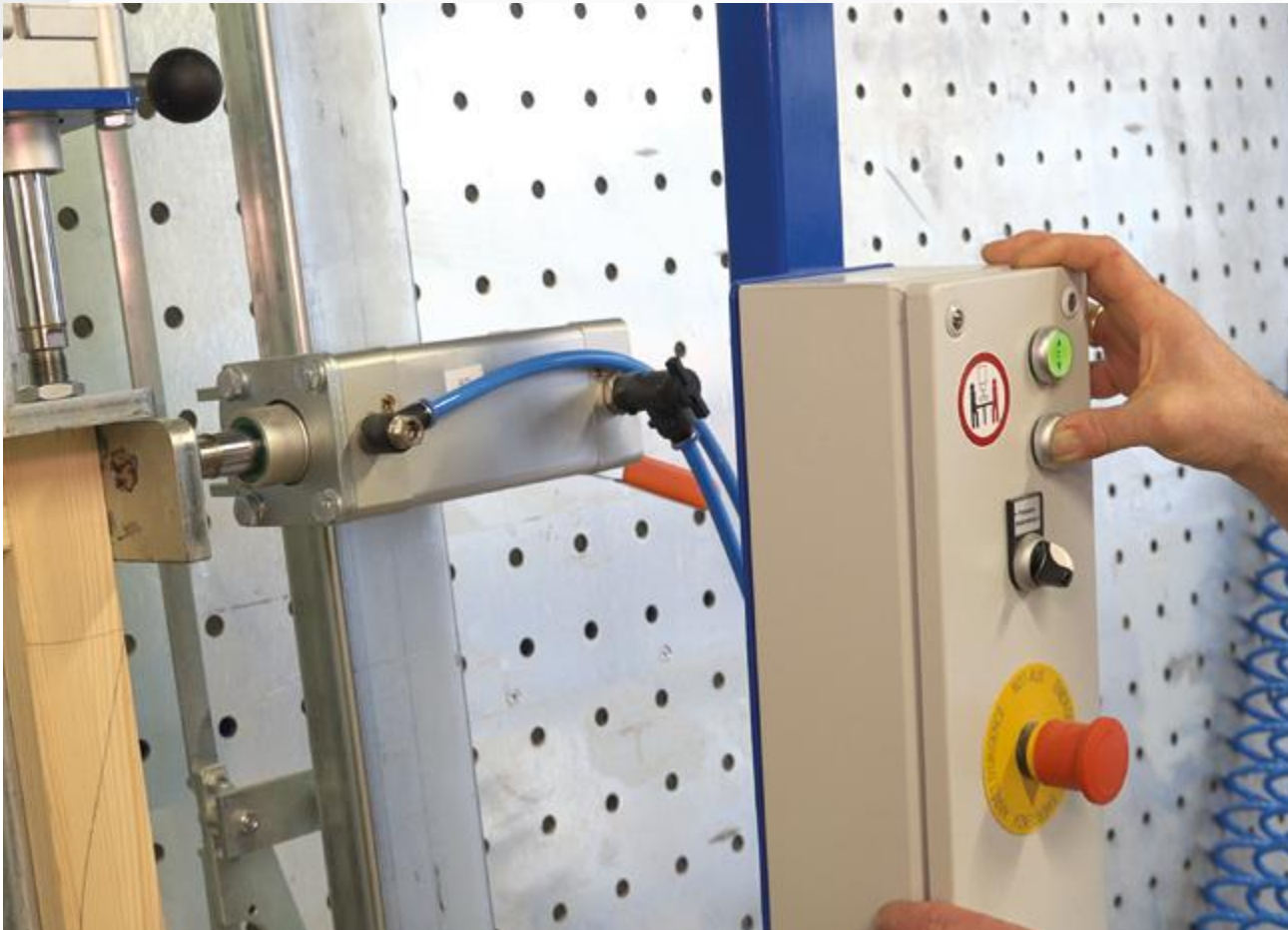


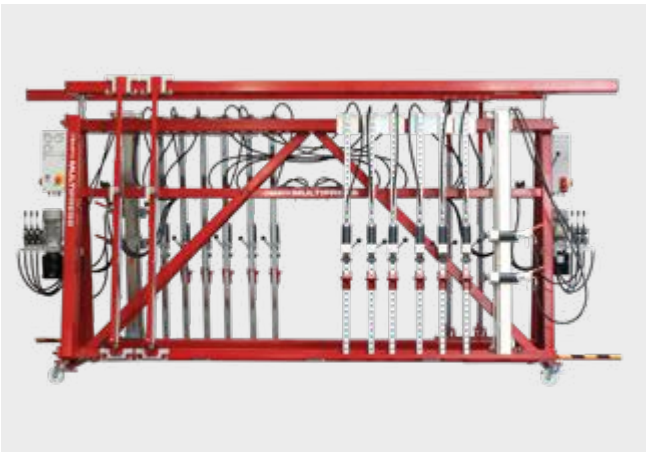
	Art.no.
without spring	BM-70-36
with spring	BM-70-37



More than 30 years of experience

Custom solutions for frame and bonding presses





Welcome to our new website!

BARTH online

Advantages:

- Price promotions right on the homepage
- Current product and user videos
- Our complete and product catalogues to browse through
- User reports and references



BARTH

References

Trade ...



Schuhbauer GmbH
www.schuhbauer-gmbh.de



Margreiter GmbH
www.margreiter-moebelmanufaktur.com



Schreinerei Dandl KG
www.schreinerei-dandl.de



Linnemann
www.linnemann-einrichtungen.de



Athmer & Söhne
www.athmer-und-soehne.de



Weishäupl Werkstätten
www.weishaeupl.de

Industry ...



Oldenburger Möbelwerkstätten GmbH
www.oldenburger.com



Palmberg Büroeinrichtungen
+ Service GmbH
www.palmberg.de



Wolf GmbH
www.wolf.eu



a family affair since 1877

Barth Brixen
www.barth.it



Design Comoposite GmbH
www.design-composite.com



Viessmann Gesellschaft m.b.H.
www.viessmann.at

Customer statements



REFERENCES

www.barth-maschinenbau.de/referenzen



**Florian Dandl –
Schreinerei Dandl,
Fridolfing**

"The market for windows and doors offers good prospects for the future, although price pressure will continue to increase. In order to compete in this environment, we are focussing on maximum efficiency in production - with BARTH as a strong partner at our side."



**Roland Döttlinger –
Kitzbüheler Werkstätten,
A-Kitzbühel**

"The assembly table and tool trolley actually won us over straight away – this is what a workbench should look like in the 21st century, and I think it's contemporary."



**Alois Kermer –
MT-Propeller,
Atting**

"Together with BARTH Maschinenbau, we developed a "vacuum bag" that replaced the annoying cable ties. But the solution with vacuum bags also reached its limits, and therefore BARTH developed our own vacuum press with a heating hood to significantly speed up the work process."



**David Grohe –
Tischlerei Rüscher,
A-Schnepfau**

"It is always impressive to see how evenly and powerfully the pressure is distributed," explains David Grohe. The fact that the negative pressure also helps with the curing time is of course an additional advantage. The vacuum press impresses us again and again with every project! It runs smoothly and can be folded up quickly, creating space - e.g. for carcass parts waiting for delivery."

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