



Assembly devices

Precise assembly for perfect motion

www.blum.com

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Blum

Founded over 60 years ago by Julius Blum, today Blum is an internationally active family-owned company. Its strategic business fields include hinge, pull-out and lift systems. All our product developments revolve around perfecting motion.

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Blum in Austria and around the world

Blum operates seven plants in Austria (Vorarlberg) as well as further production sites in Poland, the USA and Brazil and 27 subsidiaries/representative offices. The company supplies more than 100 markets. The Blum Group employs 5,900 people in total, 4,500 of which work in Vorarlberg.



Global customer benefits

"Whether manufacturer, distributor, fitter or kitchen user – everybody should personally enjoy the benefits of Blum products" – that is Blum's philosophy on global customer benefits.



Innovation

Supporting customers with innovative fitting solutions and securing long-term success for the company requires consistent investment in research and development, in plants and facilities and in employee training. With more than 1,200 registered trade marks around the world, Blum is one of Austria's most innovative companies.



Quality

The comprehensive concept of quality at Blum applies not only to products. Services and our cooperation with customers and partners should also meet the same quality demands.



Environment

At Blum, we believe that responsible ecological behaviour has long-term economic benefits. The longevity of products is just one important aspect of many. Further important measures include the use of environmentally friendly processes, intelligent use of materials and prudent energy management.



DYNAMIC SPACE

Good workflows, sufficient storage space and high comfort of motion are important features of a practical kitchen. With its ideas for practical kitchens, Blum aims to bring function, convenience and ergonomics to the interior of furniture.



Assembly devices for every situation

Blum helps you to assemble all of our products as efficiently and simply as possible. That's why we offer suitable assembly devices for each of our products. Assembly must be precise to deliver the perfect motion and ease of use that will inspire your customers.

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Drilling and insertion machines

The wide range of drilling and insertion machines on offer from Blum ensures just the right solution no matter what the assembly requirement. Quick setup and easy operation ensure efficient assembly and a high-quality end result.

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PRO-CENTER

PRO-CENTER is a fast and effective means of obtaining horizontal and vertical drillings and all kinds of insertions.



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MINIPRESS PRO

Vertical drillings are guaranteed to be accurate with MINIPRESS PRO, and will be carried out in no time at all. The pneumatic feed and tool-free adjustment ensure any work is implemented in a highly efficient manner.



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MINIPRESS P

Once set, the precise MINIPRESS P is great for drilling patterns you frequently use, and also for inserting fittings.



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MINIPRESS M

MINIPRESS M is your reliable support for drillings and insertions in the workshop – or directly for the customer on-site.

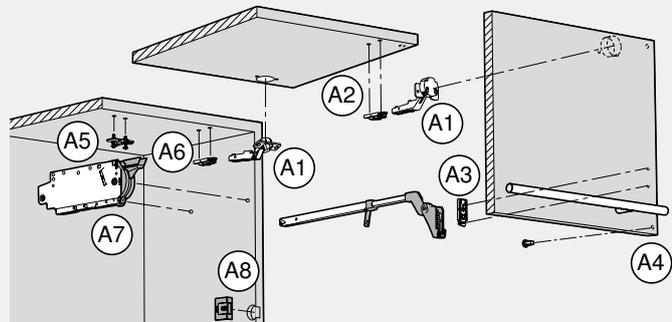


Drilling and insertion machines

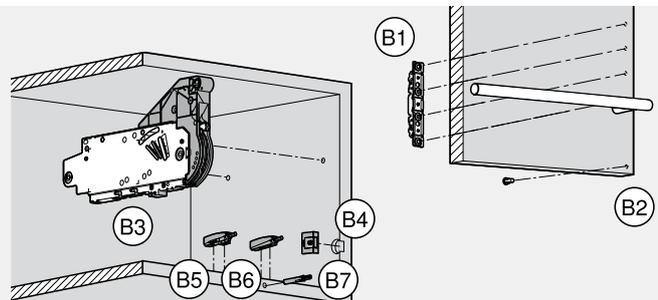


Overview of possible uses

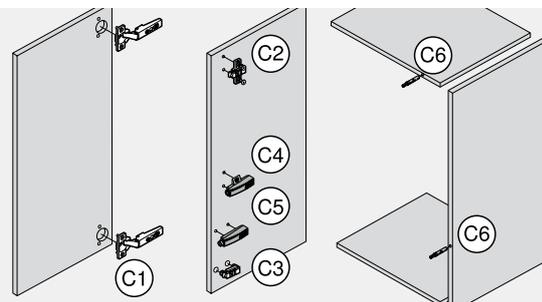
Lift systems (AVENTOS HF)



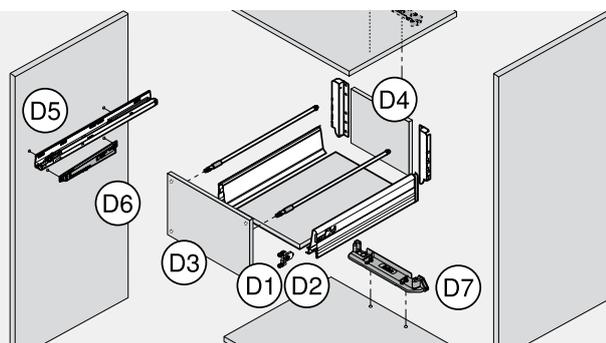
Lift systems (AVENTOS HS, HL, HK, HK-S)



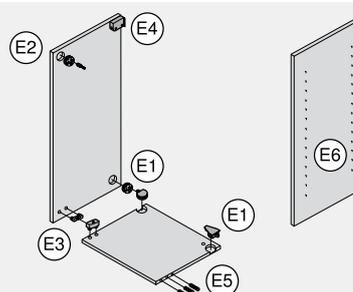
Hinge systems



Pull-out systems



Further products/cabinet assembly



Assembly (drilling/knock-in)	PRO-CENTER	MINIPRESS PRO	MINIPRESS P	MINIPRESS M
x recommended				
o possible				
– not possible				



Lift systems				
Front				
(A1) Hinge	x	x	x	x
(A2) Horizontal mounting plate	x	x	x	x
(A3) Horizontal mounting plate, telescopic arm	x	x	o	o
(A4) (B2) Distance bumper	x	x	x	x
(B1) Front fixing	x	x	o	o
Cabinet				
(A5) Cruciform mounting plate	x	x	x	x
(A6) Horizontal mounting plate	x	x	x	x
(A7) (B3) Lift mechanism	x	x	o	o
(A8) (B4) SERVO-DRIVE switch	x	x	x	x
(B5) TIP-ON cruciform adapter plate	x	x	x	x
(B6) TIP-ON horizontal adapter plate	x	x	x	x
(B7) TIP-ON for drilling	x	–	–	–

Hinge systems				
Front				
(C1) Hinge	x	x	x	x
Cabinet				
(C2) Cruciform mounting plate	x	x	x	x
(C3) Horizontal mounting plate	x	x	x	x
(C4) BLUMOTION/TIP-ON cruciform adapter plate	x	x	x	x
(C5) BLUMOTION/TIP-ON horizontal mounting plate	x	x	x	x
(C6) BLUMOTION/TIP-ON for drilling	x	–	–	–

Pull-out systems				
Front				
(D1) LEGRABOX/TANDEMBOX/METABOX front fixing bracket	x	x	o	o
(D2) MOVENTO/TANDEM front adjustment bracket	x	x	x	x
(D3) Distance bumper	x	x	x	x
Drawer				
(D4) Drawer base/back	x	x	o	o
Cabinet				
(D5) Cabinet profiles	x	x	o	o
(D6) BLUMOTION for METABOX	x	x	o	o
(D7) SERVO-DRIVE bracket profile attachment	x	x	o	o

Further products				
(E1) Vertical cabinet connector	x	x	x	x
(E2) Horizontal cabinet connector	x	–	–	–
(E3) Vertical cabinet connector	x	x	x	x
(E4) Wall hanging bracket	x	x	x	x

Cabinet assembly				
(E5) Horizontal wooden dowel drilling	x	–	–	–
(E6) System drilling/hole group drilling	x	x	o	o

PRO-CENTER

As an assembly centre used by professionals, PRO-CENTER can drill both vertically & horizontally. You can also insert fittings vertically. This means that all work on the cabinet, door and front can be done quickly but accurately. A comprehensive set system (setup plans, drilling heads and rulers) ensures that you can tailor your efforts to meet individual requirements.

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> View
PRO-CENTER
video

Recommended for

vertical/horizontal assembly

- Hinges: drilling/inserting
- Mounting plates: drilling/inserting
- Front fixing bracket: drilling/inserting
- Line drilling: drilling
- Cabinet profiles: drilling
- Wooden dowel: drilling
- Connector: drilling/inserting
- BLUMOTION/TIP-ON: drilling

Series

- Pneumatic feed
- Drilling distance setting and drilling depth setting using revolving handle
- Drilling head and rulers can be changed without tools
- Hold down clamp
- Horizontal boring machine

Optional

- Quick connect chuck
- Customer or application-specific set systems (setup plans, drilling heads and rules) with colour code

Part no. **M65.2000**



Instruction leaflet
www.blum.com/downloads





The pre-equipped drilling head has a colour code and is fastened in place with the locking device after insertion, ensuring this process is tool-free.



The corresponding drilling distances for the drilling positions of our products are pre-set. Frequently-used dimensions can also be pre-set.



The dedicated ruler with colour coded stops is fitted in a matter of seconds without the need for tools.



PRO-CENTER is the only Blum drilling and insertion machine that includes a horizontal drilling facility.

MINIPRESS PRO

Take advantage of the MINIPRESS PRO's versatility and its easy vertical drilling capability for cabinet, door & front assembly. In the workshop, MINIPRESS PRO saves you time and offers flexibility. Vertical drilling and fitting insertion can be carried out with absolute precision and efficiency. Its colour-coded system makes MINIPRESS PRO very easy to use.

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> View
MINIPRESS PRO
video

Recommended for

- Hinges: drilling/inserting
- Mounting plates: drilling/inserting
- Front fixing bracket: drilling/inserting
- Line drilling: drilling
- Cabinet profiles: drilling

Series

- Pneumatic feed
- The drilling depth is set via a spindle
- Digital display of drilling depth setting
- Drilling distance setting via a revolving handle
- Drilling head and rulers can be changed without tools
- Hold down clamp

Optional

- Quick connect chuck
- Centre stop laser marker
- Customer or application-specific set systems (setup plans, drilling heads and rules) with colour code

Part no. **M54.2000**



Instruction leaflet
www.blum.com/downloads





No matter what the application, the drilling depth can be set accurately via the colour-coded revolving handle. Trial test drillings are no longer necessary.



The drilling head, which is colour coded, and comes complete with chucks, is inserted and secured using a tool-free locking device.



The drilling distance can be set accurately using the spindle and the digital display.



Tool-free setup saves time. The colour-coded ruler stops are pre-set. The rulers themselves can be quickly fitted and removed.

MINIPRESS P

As a drilling and fittings insertion specialist, MINIPRESS P takes on the routine jobs in the workshop producing precise assembly results for cabinets, doors and fronts. Once setup is complete, drilling and fitting processes are fast, accurate and easy. There are also optional components available making assembly even easier, e.g. additional drilling heads for tool-free drill changes.

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> Watch the video about MINIPRESS P Display

Recommended for

- Hinges: drilling/inserting
- Mounting plates: drilling/inserting

Series

- Pneumatic feed
- The drilling depth is set via a spindle
- 5-spindle multi-swivel drilling head for different drilling patterns

Optional

- Quick connect chuck
- Digital display of drilling depth setting
- Hold down clamp
- Centre stop laser marker
- Additional drilling heads

Part no. **M53.1050**



Instruction leaflet
www.blum.com/downloads





Conveniently, the required drilling distance can be set from the front using the spindle.



An optional 9-spindle drilling head can be installed to drill hole groups in the 32 mm system and an 8-spindle drilling head can be fitted for frontal and cabinet profile assembly, without the need for tools.



With the multi-swivel drilling head, various drilling patterns for furniture fittings can be set quickly, tool-free and precisely.



Only minimum effort is required to insert Blum furniture fittings using MINIPRESS P.

MINIPRESS M

The MINIPRESS M is a robust tool that is flexible enough to be used on-site or in the workshop. MINIPRESS M does not require compressed air or industrial strength current so can be utilised on domestic electrical supply. It is especially well suited for the assembly of hinge systems. With MINIPRESS M, product assembly is more precise and more efficient than with pillar drills.

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> View
MINIPRESS M
video

Recommended for

- Hinges: drilling/inserting
- Mounting plates: drilling/inserting

Series

- Manual feed
- Drilling depth is set using an adjustment screw
- 5-spindle multi-swivel drilling head for different drilling patterns

Optional

- Quick connect chuck
- Centre stop
- Additional drilling heads

Part no. **M52.1050**



Instruction leaflet
www.blum.com/downloads



The exact drilling depth is set accurately using the adjustment screw.



The exact drilling offset is fixed using a clamping lever.



The 9-spindle drilling head for hole groups in the 32 mm system and the 8-spindle drilling head for front fixings and cabinet profiles ensure precision during the assembly process.



The lever is pulled down manually for precise drilling.

Assembly devices

Tailored to meet your requirements, our practical assembly devices optimise the assembly process for Blum box systems, even in smaller production runs. Easy to apply, user-friendly and highly durable, the assembly devices are designed to provide you with optimal support during the assembly process. Proven technology that gives you more peace of mind.

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BOXFIX P

Easy to handle and with an effective setup, BOXFIX P ensures even more convenience during the LEGRABOX/TANDEM-BOX assembly. Pneumatic clamping makes for fast and straightforward assembly.



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BOXFIX PRO

You can also use the press-fit feature of TANDEMBOX assembly for smaller production runs with BOXFIX PRO. This ensures that assembly is fast and efficient.



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BOXFIX E-L

LEGRABOX assembly is comfortable and accurate if you use BOXFIX E-L. All components can be assembled seamlessly, with high accuracy.



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BOXFIX E-T

With BOXFIX E-T, you benefit from simple yet precise TANDEMBOX assembly. This uncomplicated assembly device is certain to impress in both the workshop and on-site at the customer's location.



BOXFIX P

With BOXFIX P, LEGRABOX and TANDEMBOX are pneumatically clamped and subsequently screwed together in an efficient and convenient manner. Quick setup times and pre-set stops save you time and lead to high assembly quality overall.

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> View
BOXFIX P
video

LEGRABOX/TANDEMBOX assembly (screws/pneumatic clamping)

Series

- For all drawer side materials (stainless steel, steel and aluminium)
- For all drawer side heights (N, M, K, L, C, F)
- For drawer side lengths from 270 to 650 mm
- For cabinet widths from 275 to 1200 mm
- For back heights up to a max. of 350 mm (wood and steel)
- Centre bit

Optional

- Additional width stop

Part no. **ZMM.2750**



Instruction leaflet
www.blum.com/downloads



Back heights and widths are adjustable. Settings recurring time and time again can be pre-set with an additional width stop.



First the chipboard back is attached to the back fixing.



The drawer back, base and sides are inserted into BOXFIX P. Time-consuming fixing is no longer necessary.



The drawer parts are pneumatically fixed and then screwed together.

BOXFIX PRO

Using BOXFIX PRO, industrial press-fit assembly methods are now also available for smaller scale production levels. Fast familiarisation, short setup times and a highly ergonomic design are the benefits users stand to gain from this assembly solution for TANDEMBOX pull-out systems. Using BOXFIX PRO, drawer sides and grooved bases can be precisely press-assembled in a matter of seconds.

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TANDEMBOX assembly (press-fit connection)

Series

- For all drawer side materials (stainless steel, steel and aluminium)
- For all drawer side heights (N, M, K, L)
- For drawer side lengths from 270 to 650 mm
- For cabinet widths from 275 to 1200 mm
- For back heights up to a max. of 350 mm (wood and steel)

Optional

- Width stop
- Centre bit

Part no. **ZMM.7350**



Instruction leaflet
www.blum.com/downloads





Thanks to proven technology, only a minimal amount of force is required to press-fit the drawer side and base. BOXFIX PRO enables you to set up your work ergonomically in an upright position.



The metal prongs for the TANDEMBOX drawer side are inserted into the groove of the drawer base.



Stops for back widths and heights can be pre-set quickly and easily.

BOXFIX E-L

BOXFIX E-L is your convenient aid when it comes to efficient assembly of LEGRABOX. All LEGRABOX components are assembled seamlessly with great precision. Simplicity and usability make BOXFIX E-L an effective assembly device even in smaller production runs.

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> View
BOXFIX E-L
video

LEGRABOX assembly (screws)

Series

- For all drawer side materials (stainless steel, steel, aluminium)
- For all drawer side heights (N, M, K, C, F)
- For drawer side lengths from 270 to 650 mm
- For cabinet widths of 250 mm to 1200 mm
- For back heights of up to 250 mm (wood and steel)
- Centre bit

Part no. **ZMM.0700**



Instruction leaflet
www.blum.com/downloads





The width adjustment is extremely simple to perform via the back in each case.



Chipboard back and back fixing can be screwed together seamlessly.



BOXFIX E-L provides you with optimal support: The drawer parts can be assembled precisely and seamlessly without any awkward holding.



The width setting is achieved by using the drawer back.



Chipboard back and back fixing can be screwed together seamlessly and precisely.



With BOXFIX E-T, all drawer parts are assembled conveniently and efficiently.





> View
BOXFIX E-T
video

BOXFIX E-T

BOXFIX E-T ensures that TANDEMBOX assembly is fast and convenient – and you yourself benefit from straightforward assembly assistance both in the workshop and when on-site with the customer. All drawer parts are assembled in an efficient and economical way. This ensures a clean and precise end result with the assembly.

 blum®



TANDEMBOX assembly (screws)

Series

- For all drawer side materials (stainless steel, steel, aluminium)
- For all drawer side heights (N, M, K, L)
- For drawer side lengths from 270 to 650 mm
- For cabinet widths of 250 to 1200 mm
- For back heights up to a max. of 250 mm (wood and steel)
- Centre bit

Part no. **ZMM.0350**



Instruction leaflet
www.blum.com/downloads

Templates and assembly devices

Blum templates and assembly devices support the assembly of all Blum products. They have proven to be the very best aids when it comes to day-to-day assembly. Their combination of high precision and practical benefits is valued both in workshops and directly on-site with the customer.

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Pull-out system assembly

Optimal support during front, cabinet and drawer assembly: using robust aids such as the universal drilling template, you can mark or pre-drill fixing positions in a safe yet precise manner.



Hinge system assembly

Fixing positions for mounting plates or hinges are transferred accurately, and the Blum hinge drilling pattern is efficiently drilled – using the drilling template, for example.



Lift system assembly

Assembly devices such as the universal drilling template are easy to handle and can be adapted to suit your assembly-requirements. Fixing positions for lift systems are pre-drilled in no time at all, and dimensions are transferred accurately.



Templates and assembly devices



Overview of possible uses

AVENTOS assembly

Front assembly

45



Universal drilling template

Cabinet assembly

43



Universal-rod template

44



Universal individual template

Hinge system assembly

36



ECODRILL

36



Drilling template for hinge systems

37



Drilling template for hinges

38



Drilling template for mounting plates

38



Template

41



Knock-in tool for hinges

41



Knock-in tool for mounting plates

SERVO-DRIVE assembly

42



Drilling template for the SERVO-DRIVE switch

45



Drilling template for distance bumper

TIP-ON for AVENTOS HK assembly

39



Drilling template for BLUMOTION/TIP-ON

40



Catch plate positioning template



Instruction leaflet
www.blum.com/downloads

Overview of possible uses

Templates and assembly devices



CLIP top BLUMOTION/CLIP top/MODUL assembly

Hinge system assembly

36



ECODRILL

36



Drilling template for hinge systems

37



Drilling template for CRISTALLO glass door hinges

37



Drilling template for hinges

38



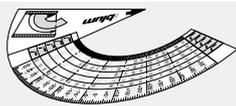
Template

38



Drilling template for mounting plates

40



Cabinet angle template

41



Knock-in tool for hinges

41



Knock-in tool for mounting plates

43



Universal-rod template

44



Universal individual template

BLUMOTION assembly

38



Template

39



Drilling template for BLUMOTION/TIP-ON

39



Drilling template for BLUMOTION

TIP-ON assembly

38



Template

39



Drilling template for BLUMOTION/TIP-ON

40



Catch plate positioning template

Templates and assembly devices



Overview of possible uses

Assembly LEGRABOX

Front assembly

45



Universal drilling template

47



Marking template for LEGRABOX

Cabinet assembly

43



Universal-rod template

44



Universal individual template

Drawer assembly

46



Base router

47



Base/back drilling template

SERVO-DRIVE assembly

45



Drilling template for distance bumper

51



Drilling template for SERVO-DRIVE bracket profile attachment

52



Test jack connector for SERVO-DRIVE



Instruction leaflet
www.blum.com/downloads

TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus assembly

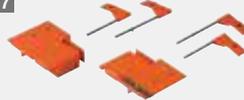
Front assembly

45



Universal drilling template

47



Marking template for
TANDEMBOX

48



Marking template

53



Knock-in tool for pull-out systems

Cabinet assembly

43



Universal-rod template

44



Universal individual template

Drawer assembly

45



Universal drilling template

51



Drilling template for SPACE CORNER
with SYNCROMOTION

52



Glass cutting set

SERVO-DRIVE
assembly

45



Drilling template for distance
bumper

51



Drilling template for SERVO-DRIVE
bracket profile attachment

52



Test jack connector for
SERVO-DRIVE

TIP-ON assembly

46



Drilling template for TIP-ON for
TANDEMBOX

Templates and assembly devices



Overview of possible uses

METABOX assembly

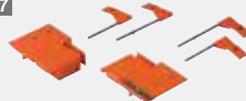
Front assembly

45



Universal drilling template

47



Marking template for METABOX

48



Marking template

53



Knock-in tool for pull-out systems

Cabinet assembly

43



Universal-rod template

44



MINIFIX

44



Universal individual template

Drawer assembly

45



Universal drilling template

MOVENTO/TANDEM assembly

Front assembly

45



Universal drilling template

Cabinet assembly

43



Universal-rod template

44



Universal individual template



Instruction leaflet
www.blum.com/downloads

Overview of possible uses

Templates and assembly devices



MOVENTO/TANDEM assembly

Drawer assembly

48



Drilling template for MOVENTO/
TANDEM

49



Drilling template for TANDEM

49



Marking template

50



Drilling template for MOVENTO/
TANDEM front fixing bracket

50



Drilling template for pull-out
surround corner connectors

SERVO-DRIVE assembly

45



Drilling template for distance
bumper

51



Drilling template for SERVO-DRIVE
bracket profile attachment

52



Test jack connector for
SERVO-DRIVE

STANDARD assembly

Cabinet assembly

43



Universal-rod template*

44



MINIFIX

44



Universal individual template*

Drawer assembly

49



Marking template

50



Drilling template for pull-out
surround corner connectors

Further products assembly

Cabinet assembly

42



Drilling template for connectors

* You can only drill the lowest cabinet profile position in an unattached cabinet

Templates and assembly devices



Templates in detail

ECODRILL

Handy solution: precision for the Blum hinge drilling pattern

- Hand-held tool for drilling accurate Blum hinge drilling patterns
- Driven by a hand drill.
- Drilling distance from 2 to 8 mm
- Drilling from marked line is possible (for synchronisation units)
- Robust and compact design

Assembly possibilities

AVENTOS HF, CLIP top BLUMOTION/CLIP top, MODUL

Accessories

- Dowel drill bit (Ø 8 mm) **M31.ZB08.02**
- Fittings drill bit (Ø 35 mm) **M31.ZB35.02**
- Tool-kit **MZW.1300**



Picture illustration

Components

1 x drilling template, 2 x dowel drill bits (Ø 8 mm), 1 x fittings drill bit (Ø 35 mm), 2 x torx bits

Part no. **M31.1000**

Drilling template for hinge systems

Transferring exact fixing positions

- Template for the transfer of measurements for hinge and mounting plate fixing positions
- Template for the transfer of measurements from door to cabinet and from cabinet to door
- Can be used with assembled or flat pack cabinets
- Adjustable stop for various front overlays
- The calibration makes it easy to set the template

Assembly possibilities

AVENTOS HF, CLIP top BLUMOTION/CLIP top, MODUL

Accessories

- Rail, 2200 mm **65.7590**
- Template **65.7510.03**



Picture illustration

Components

1 x 1000 mm rail, 2 x templates with marking template, 1 x stop for unattached cabinet width

Part no. **65.7500.03**

Drilling template for CRISTALLO glass door hinges

Determining the exact adhesion position

- Template for determining the position of the CRISTALLO adhesion plate
- For attaching the CRISTALLO adhesion plate to the correct position
- Setting template using integrated calibration
- Flexible assembly in the workshop

Assembly possibilities

CLIP top

Accessories

- Template

65.4010.01



Picture illustration

Components

1 x 1000 mm rail, 2 x templates with vacuum clamps

Part no. 65.4000.01

Drilling template for hinges

Create, fix and precisely pre-drill all fixing positions

- Drill the side fixing positions for hinges (Ø 8 mm or Ø 2.5 mm)
- Pre-drill the fixing positions for horizontal and cruciform mounting plates
- Pre-drill the fixing positions for horizontal and cruciform adapter plates (BLUMOTION/TIP-ON for doors)
- Drilling from marked line is possible

Assembly possibilities

AVENTOS HF, CLIP top BLUMOTION/CLIP top, MODUL



Picture illustration

Components

1 x drilling template for hinges (Ø 2.5 mm) for screw-on boss

Part no. 65.055A

1 x drilling template for hinges (Ø 8 or Ø 2.5 mm) for INSERTA and for dowel, including reducing bush (Ø 8 to Ø 2.5 mm) and drilling depth stop (Ø 8 mm)

Part no. 65.059A

Templates and assembly devices



Templates in detail

Template

Drilling on the marking line and transferring dimensions

- Drill the fixing positions for mounting plates/adaptor plates
- Transfer measurements from door to cabinet
- If mounting plate fixing positions are standard throughout, then it is possible to fix several templates to a wooden strip
- Drilling from marked line is possible (for synchronisation units)

Assembly possibilities

AVENTOS HF, CLIP top BLUMOTION/CLIP top, MODUL



Picture illustration

Components

1 x template

Part no. **65.5300**

Drilling template for mounting plates

Fast fixing position: Drill – Rotate – Drill

- Drilling the fixing positions for cruciform mounting plates (Ø 5 mm)
- Drilling the fixing positions for cruciform mounting plates (BLUMOTION/TIP-ON for doors)
- Exact drilling of the 32 mm dimension via the aligning function
- Drilling from marked line is possible

Assembly possibilities

AVENTOS HF, CLIP top BLUMOTION/CLIP top, MODUL



Picture illustration

Components

1 x drilling template for mounting plates, 1 x drilling depth stop (Ø 5 mm)

Part no. **65.5070**

Drilling template for BLUMOTION/TIP-ON

Ø 10 mm drilling from a marked line

- Drill fixing positions for BLUMOTION for doors, hinge side (970A1002) and handle side (970.1002)
- Drill the fixing positions for TIP-ON for doors
- Drill the fixing positions for TIP-ON for AVENTOS HK in the centre of the cabinet bottom panel
- Can be used with standard and angled cabinets
- Drilling from marked line is possible

Assembly possibilities

AVENTOS, CLIP top



Picture illustration

Components

1 x drilling template for BLUMOTION/TIP-ON, 1 x drilling depth stop (Ø 10 mm)

Part no. **65.5010**

Drilling template for BLUMOTION

Easy assembly for repeat drillings

- Drilling the horizontal fixing positions for BLUMOTION for doors handle side (970.1002) as well as for TIP-ON for doors (955x1004)
- Drilling the fixing positions for horizontal and cruciform adapter plates (BLUMOTION/TIP-ON for doors)
- Template for drilling mounting plates
- You can pre-set repeating drilling positions using the stop rods
- Drilling from marked line is possible

Assembly possibilities

CLIP top BLUMOTION/CLIP top, MODUL



Picture illustration

Components

1 x drilling template for BLUMOTION, 1 x drilling depth stop (Ø 10 mm), 1 x drilling depth stop (Ø 5 mm), 1 x drilling depth stop (Ø 2.5 mm)

Part no. **65.5000**

Templates and assembly devices



Templates in detail

Cabinet angle template

Place + read = hinge solution

- Determining the cabinet angle
- Determining the best hinge solution

Assembly possibilities

CLIP top BLUMOTION/CLIP top



Picture illustration

Components

1 x cabinet angle template

Part no. 65.5810.01

Catch plate positioning template

TIP-ON glue-on or screw-on catch plate

- Determining the position of the TIP-ON catch plate (glue-on or screw-on)
- Suitable for overlay and for inset applications
- Measurements transferred by marking the position or by direct adhesion

Assembly possibilities

AVENTOS, CLIP top



Picture illustration

Components

1 x template for screw-on catch plate, 1 x template for glue-on catch plate

Part no. 65.5210

Knock-in tool for hinges

Reliable hinge insertion

- Enables you to knock in all CLIP-top-BLUMOTION, CLIP-top, CLIP and MODUL hinges.

Assembly possibilities

CLIP top BLUMOTION/CLIP top, MODUL



Picture illustration

Components

1 x knock-in tool for hinges

Part no. **ZME.0710**

Knock-in tool for mounting plates

Reliable mounting plate insertion

- Enables you to knock in horizontal and cruciform mounting plates

Assembly possibilities

CLIP top BLUMOTION/CLIP top, MODUL



Picture illustration

Components

1 x knock-in tool for mounting plate

Part no. **65.6100**

1 x knock-in tool for horizontal steel mounting plate

Part no. **ZME.0730**

Drilling template for the SERVO-DRIVE switch

Handy solution: precision for the switch drilling

- Hand-held tool for drilling accurate holes for the SERVO-DRIVE switch
- Driven by a hand drill.
- Can be used with assembled and flat pack cabinets
- Drilling from marked line is possible
- Robust and compact design

Assembly possibilities

AVENTOS

Accessories

- Fittings drill bit (Ø 35 mm)

M31.ZB35.02



Picture illustration

Components

1 x drilling template for SERVO-DRIVE switch, 1 x fittings drill bit (Ø 35 mm), 2 x torx bits

Part no. M31.2000

Drilling template for connectors

Precise drilling of horizontal fixings

- Template for drilling horizontal fixing positions for connectors (42.0700)
- Distance from bottom edge of cabinet top/bottom panel to centre drilling 9.5 mm
- Drilling from marked line is possible

Assembly possibilities

KD Fittings



Picture illustration

Components

1 x drilling template for connectors, 1 x drilling depth stop (Ø 5 mm)

Part no. 65.5040

Universal-rod template

The multifunctional and fast assembly device

- Pre-drilling the fixing positions for:
 - cabinet profiles
 - lift mechanisms
 - mounting and adapter plates
- Can be used with assembled and flat pack cabinets
- Calibration for setting the height and depth position
- Precise transfer of measurements for the left/right cabinet profile
- Suitable for overlay and inset applications
- Can be used for system screw and chipboard screw assembly

Assembly possibilities

AVENTOS, CLIP top BLUMOTION/CLIP top, MODUL, LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus, METABOX, MOVENTO, TANDEM, STANDARD*

Accessories

- | | |
|----------------------------|------------|
| ■ Rail, 2200 mm | 65.7590 |
| ■ SPACE CORNER accessories | 65.1106 |
| ■ Universal-rod template | 65.1001.01 |



Picture illustration

Components

1 x 1000 mm rail, 4 x Universal-rod template, 1 x drilling depth stop (Ø 5 mm),
1 x reducing bush (Ø 5 to Ø 2.5 mm), 1 x Allen key

Part no. **65.1000.01**

* You can only drill the lowest cabinet profile position in an unattached cabinet side

Templates and assembly devices



Templates in detail

Universal individual template

The multifunctional assembly device

- Pre-drilling the fixing positions for:
 - cabinet profiles
 - lift mechanisms
 - mounting and adapter plates
- Can be used with assembled and flat pack cabinets
- Calibration for setting the depth position
- Drilling from marked line is possible
- Suitable for overlay and inset applications
- Can be used for system screw and chipboard screw assembly

Assembly possibilities

AVENTOS, CLIP top BLUMOTION/CLIP top, MODUL, LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus, METABOX, MOVENTO, TANDEM, STANDARD*

Accessories

- SPACE CORNER accessories

65.1107



Picture illustration

Components

1 x Universal individual template, 1 x drilling depth stop (Ø 5 mm), 1 x reducing bush (Ø 5 to Ø 2.5 mm), 1 x Allen key

Part no. 65.1051.01

MINIFIX

Small, handy, exact cabinet profile assembly

- Template for precise positioning of cabinet profile fixing screws
- Drilling from marked line is possible

Assembly possibilities

METABOX, STANDARD

Accessories

- Centre bit

M01.ZZ03



Picture illustration

Components

1 x MINIFIX

Part no. 65.3300

* You can only drill the lowest cabinet profile position in an unattached cabinet

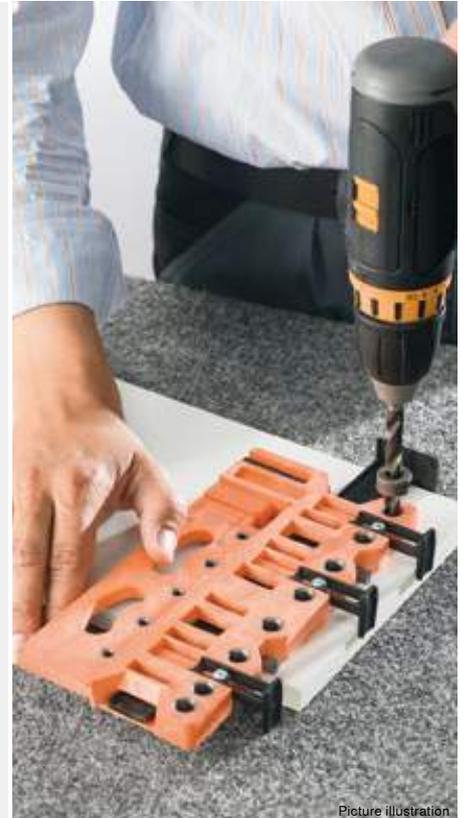
Universal drilling template

Flexible marking and pre-drilling

- Marking and pre-drilling fixing positions for:
 - front fixings, including gallery
 - drawer back
 - drawer base (METABOX quick assembly version C15)
 - AVENTOS front fixings
- Calibrated for easy adjustment

Assembly possibilities

AVENTOS, LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/
TANDEMBOX plus, METABOX, MOVENTO, TANDEM



Picture illustration

Components

1 x Universal drilling template, 1 x drilling depth stop (Ø 10 mm), 1 x drilling depth stop (Ø 5 mm),
1 x marking template (Ø 10 mm), 1 x marking template (Ø 5 mm)

Part no. **ZML.0040.01**

Drilling template for distance bumper

Exact bumper drilling on the cabinet and front

- Bumper drilling (Ø 5 mm and Ø 8 mm) on an unattached or attached front and/or cabinet
- Drilling from marked line is possible

Assembly possibilities

AVENTOS, LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/
TANDEMBOX plus, MOVENTO, TANDEM



Picture illustration

Components

1 x drilling template for distance bumper, 1 x drilling depth stop (Ø 8 mm), 1 x reducing bush (Ø 8 to Ø 5 mm)

Part no. **ZML.1090**

Templates and assembly devices



Templates in detail

Drilling template for TIP-ON for TANDEMBOX

Exact drill location for locking devices

- Pre-drilling fixing positions for the locking mechanism and for synchronisation unit
- Drilling from marked line is possible (for synchronisation units)
- Can be used with assembled and flat pack drawers

Assembly possibilities

TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus



Picture illustration

Components

1 x template, 1 x stop, 1 x drilling depth stop (Ø 5 mm), 1 x reducing bush (Ø 5 to Ø 2.5 mm), 1 x Allen key

Part no. **65.5050**

Base router

For simple and precise notching on the drawer base

- LEGRABOX base notch precision
- Straightforward clamping of base makes tasks easy
- No setup required

Assembly possibilities

LEGRABOX

Accessories

- Cutter (Ø 60 mm) **M35.ZF60.03**
- Cutting inserts set (cutting insert 40 mm), pre-cutter, screws, tools **M35.ZW40**



Picture illustration

Components

1 x Base router, 1 x cutter

Part no. **M35.7200**

Base/back drilling template

For precise pre-drilling on drawer base and back

- Pre-drilling fixing holes on the drawer base (drawer side/base connection)
- Pre-drilling fixing holes on the back (back/base connection and back/wooden back fixings)

Assembly possibilities

LEGRABOX



Picture illustration

Components

1 x template, 1 x drilling depth stop

Part no. **ZML.7000**

Marking template

Exact marking

- Marking the fixing positions for front fixings
- Marking the drilling position for the gallery front fixing (TANDEMBOX/METABOX) using an additional marking template

Assembly possibilities

LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus, METABOX

Accessories

- TANDEMBOX gallery marking template for heights B, C, D **ZML.3600**
- METABOX gallery marking template for heights B, D **ZML.8000.02**



Picture illustration

Components

TANDEMBOX 358N	Part no.	ZML.3510
TANDEMBOX 35xL/M/K	Part no.	ZML.3580.01
METABOX 3x0N	Part no.	ZML.1510
METABOX 3x0M/K/H	Part no.	ZML.1500
LEGRABOX 7x0N/M/K/C/F	Part no.	ZML.3710

Templates and assembly devices



Templates in detail

Marking template

Attach, mark and drill

- Determining the fixing positions for the INSERTA gallery
- For drawer height B only

Assembly possibilities

TANDEMBOX plus, METABOX



Picture illustration

Components

1 x marking template

TANDEMBOX

Part no. **ZML.8030**

METABOX

Part no. **ZML.805S**

Drilling template for MOVENTO/TANDEM

Drilling and pre-drilling on the drawer

- Drilling hook positions for the runner
- Pre-drilling the fixing positions for the MOVENTO/TANDEM locking device

Assembly possibilities

MOVENTO, TANDEM

Accessories

- Tool-kit **T65.9000**



Picture illustration

Components

1 x drilling template for MOVENTO/TANDEM, 1 x drilling depth stop (Ø 6 mm)

Part no. **T65.1000.02**

Marking template

One tap marks everything

- Assembly device for marking the fixing positions for the front adjustment bracket (295.1000) on the 4-sided wooden drawer

Assembly possibilities

MOVENTO, TANDEM, STANDARD



Picture illustration

Components

1 x marking template

Part no. **65.2950**

Drilling template for TANDEM

Drawer assembly made easy

- Template for drilling the fixing positions for the pegs and lift-off stop
- Template for drilling the runner hook positions

Assembly possibilities

TANDEM - Hook & Peg variant

Accessories

- Tool-kit **T65.9000**



Picture illustration

Components

1 x drilling template for TANDEM 561H/551H, 1 x drilling depth stop (Ø 6 mm), 1 x drilling depth stop (Ø 8 mm)

Part no. **T65.1100**

Drilling template for pull-out surround corner connectors

Precise tool for pull-out surround assembly

- Pre-drilling the fixing positions for pull-out surround corner connectors

Assembly possibilities

MOVENTO, TANDEM, STANDARD



Picture illustration

Components

1 x drilling template for pull-out surround corner connectors, 3 x drill bits (Ø 2.5 mm), 1 x screwdriver blade

Part no. **ZML.0010**

Drilling template for MOVENTO/TANDEM front fixing bracket

Precise tool for drawer assembly

- Drilling the fixing positions (Ø 4.5 mm) for the front adjustment bracket (295.1000) on the 4-sided wooden drawer
- Application only in combination with front adjustment bracket (295.1000) and DYNAPLAN

Assembly possibilities

MOVENTO, TANDEM



Picture illustration

Components

1 x drilling template for MOVENTO/TANDEM front fixing bracket

Part no. **ZML.0050**

Drilling template for SPACE CORNER with SYNCROMOTION

Exact tool for drawer assembly

- Drilling the fixing positions for the SPACE-CORNER-SYNCROMOTION fitting and the corner front piece

Assembly possibilities

TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus



Picture illustration

Components

1 x drilling template for SPACE CORNER with SYNCROMOTION

Part no. **ZML.0330**

Drilling template for SERVO-DRIVE bracket profile attachment

Precise marking and pre-drilling on the cabinet

- Marking or pre-drilling the fixing positions for the SERVO-DRIVE bracket profile attachment
- Can be attached to an assembled cabinet as well as to individual components (bottom panel/top panel/cross bar)

Assembly possibilities

LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus, MOVENTO, TANDEM



Picture illustration

Components

1 x drilling template for SERVO-DRIVE bracket profile attachment, 1 x drilling depth stop (Ø 10 mm), 1 x marking template (Ø 10 mm)

Part no. **ZML.1150.02**

Test jack connector for SERVO-DRIVE

Everything's going perfectly when the LEDs light up

- Enables you to easily check the correct cabling of SERVO-DRIVE components using a tool-free, plug-in connector
- Can only be used with the SERVO-DRIVE transformer

Assembly possibilities

LEGRABOX, TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus, MOVENTO, TANDEM



Picture illustration

Components

1 x test jack connector for SERVO-DRIVE

Part no. **ZML.1290**

Glass cutting set

Score, break, smooth: cut glass to the perfect size

- Set for cutting glass design elements to the desired size

Assembly possibilities

TANDEMBOX intivo/TANDEMBOX antaro



Picture illustration

Components

1 x oil glass cutter, 1 x cutting liquid, 1 x diamond file

Part no. **65.8000**

Knock-in tool for pull-out systems

Reliable pull-out system insertion

- Enables you to knock-in front fixings with dowels

Assembly possibilities

TANDEMBOX intivo/TANDEMBOX antaro/TANDEMBOX plus, METABOX



Picture illustration

Components

1 x knock-in tool

TANDEMBOX intivo	Part no.	ZME.5320
TANDEMBOX antaro/TANDEMBOX plus	Part no.	ZME.2700
METABOX (ZSF.1300/1800)	Part no.	ZME.1600.01
METABOX (ZSF.1610)	Part no.	ZME.1610

Services for manufacturers

Blum would like to make the ordering, assembly and marketing of its products as easy as possible for its customers and partners. Many useful online applications, as well as well-thought-out planning and ordering software, make the task easier.



Product configurator

The online product configurator assists you in selecting and ordering the correct fittings. Along with the parts list for your desired fitting solution, you also get manufacturing and assembly documentation, 2D/3D CAD data, and supportive marketing information.

www.blum.com/productconfigurator



DYNALOG

DYNALOG, Blum's planning and ordering software, ensures that the cabinet planning for Blum fittings is complete and precise. Automatic collision checking ensures that designs are feasible and does away with trial applications. The DYNAPLAN cabinet planner is an integral part of the software.



E-SERVICES

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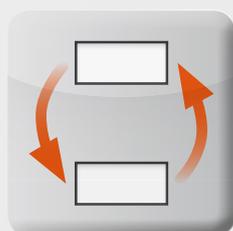
DYNAPLAN interfaces

DYNAPLAN is the convenient Blum software for precise cabinet planning. Complete plans can be exported and imported to or from your CAD or CAM system at the touch of a button via interfaces in DYNAPLAN. In this way, DYNAPLAN supports your main program with both every-day solutions as well as special constructions.



Immediate

Enter your design data and DYNAPLAN adds the relevant fitting data. It can be exported to the CAD program at the press of a button. There's no more need for manual entries and calculations.



Flexible

Planning can be easily edited and adjusted at any time thanks to the communication between the main program and DYNAPLAN. DYNAPLAN is compatible with many common CAD and CAM programs as well as with various cutting optimisation programs.



Clearly illustrated

You can transfer your planning directly to a 3D visualisation in the CAD program. In addition, many details such as surfaces, handles and other accessories can be easily added here.

Proven safety

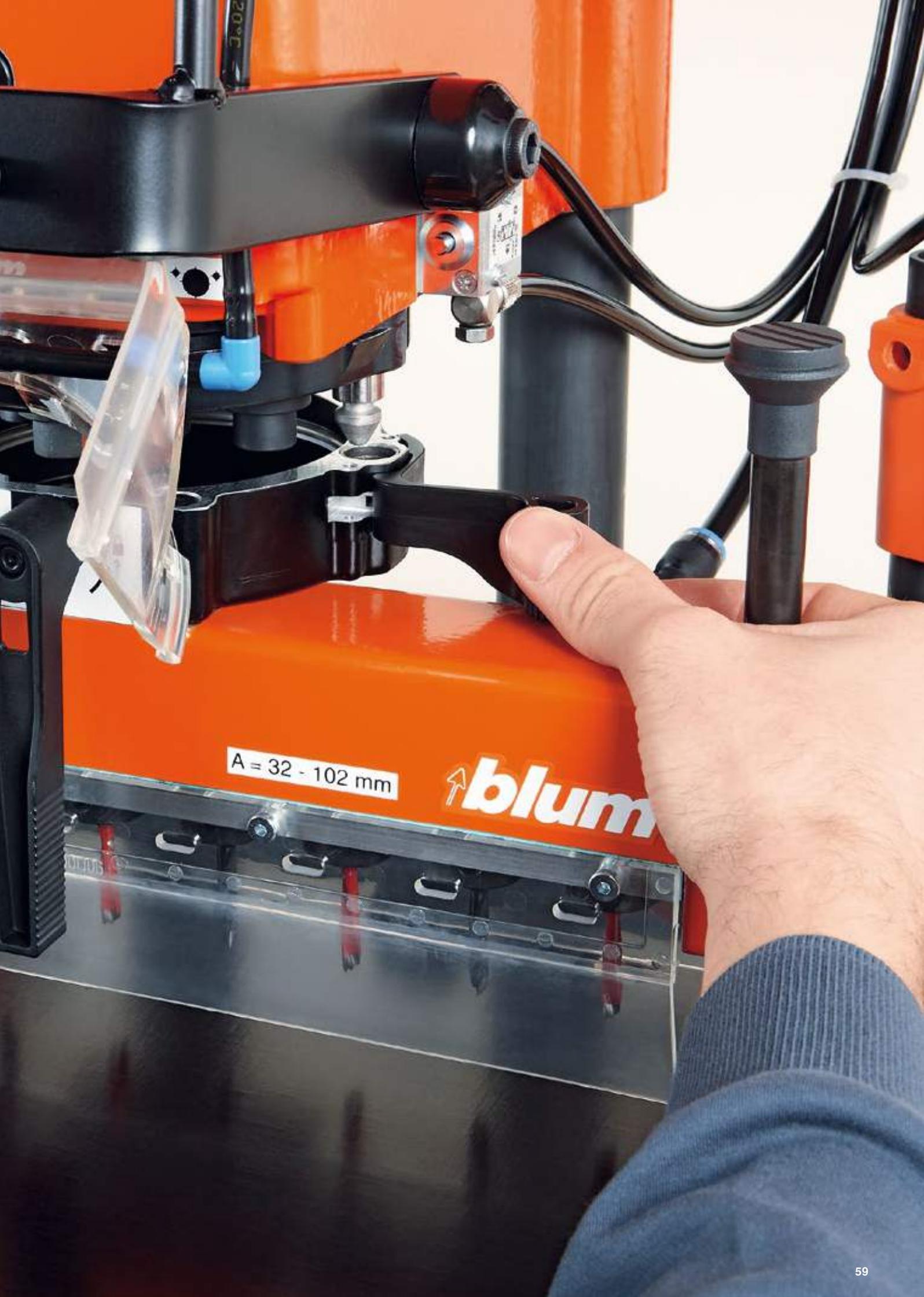
When using our assembly devices, you can be sure that you are getting a safe product. Our assembly devices carry the GS/CE label and therefore also correspond to the highest safety requirements of European standards and guidelines.

 blum



Further information

For more about the assembly devices and to see the related videos, please watch the DVD enclosed or go to www.blum.com.



A = 32 - 102 mm

blum



Blum U.K.
Mandeville Drive
Kingston, Milton Keynes
GB-Buckinghamshire
MK10 0AW
Tel.: 01908 285700
Fax: 01908 285701
E-mail: info.uk@blum.com

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