



**High end Machines
for Plastic Processing**

WORLDMAQ - 3, SL

Technology & Innovation

WORLDMAQ-3 SL is a recognised leader in the design and manufacture of CNC routers, acrylic edge polishing machines and plastic processing equipment. Since 1983, we have been setting industry standards through innovation, reliability and engineering excellence.

For over four decades, we have continuously evolved to meet the demands of a rapidly changing technological landscape. As materials, manufacturing processes and quality standards advance, we remain committed to developing increasingly efficient, precise and durable solutions that help our customers stay ahead of the competition.

Our mission is to continue driving innovation in CNC machining, acrylic edge polishing and plastic processing technologies, providing our customers with the tools they need to achieve exceptional results and bring even the most ambitious projects to life.





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DA

Plastic CNC Machining

Cutting & Profiling

- Used to shape the external profile of parts according to the CAD design.
- Ideal for panels, housings, displays and signage applications.
- Suitable for producing letters and shapes for signs and wayfinding systems.

Surface milling (facing & levelling)

- Levels and prepares surfaces prior to polishing, bonding or other downstream processes.
- Large flat-end milling tools are used to achieve a perfectly smooth surface finish.

Drilling & Tapping

- Precise machining of holes for the assembly and installation of components.
- Automatic tapping cycles can be incorporated where required.

Grooving & Boring

- Produces grooves, recesses, pockets and counterbores with tight tolerances.
- Commonly used for guides, joints, fittings and light-transmission features.

3D milling & Volumetric machining

- Enables the production of moulds, housings and cavities with high precision.
- Widely used for complex components requiring intricate geometries and detailed surface finishes.

Trimming & Chamfering

- Finishing of edges and contours after cutting or thermoforming processes.
- Essential for the machining of composite and thermoformed parts.



HIGHLIGHTS LINK



Compact design
Power in a small place.



Composite parts trimming
Edge trimming after thermoforming



Maximum performance
across a wide range of materials.



Enclosed
Maximum protection, minimal noise.

| TECHNICAL FEATURES

WORKING AREA		AXES FEED RATE	
Working length (X)	2.000 / 4.000 mm	X-axis feed rate	60 m/min
Working width (Y)	1.650 / 2.000 mm	Y-axis feed rate	60 m/min
Working height (Z)	800 mm	Z-axis feed rate	30 m/min
C-axis rotation	+/- 220°	C-axis feed rate	75°/sec
A-axis rotation	+/-110°	Y-axis feed rate	75°/sec
MILLING MOTOR & TOOL CHANGER		ACCURACY PARAMETERS	
Spindle power	Up to 15 kW	Accuracy	+/-0'04 mm
Rated spindle speed	12.000 rpm	Repeatability	+/-0'025 mm
Maximum spindle speed	24.000 rpm	NUMERICAL CONTROL	
Tool changer	8-16 positions	SIEMENS - HEIDENHAIN - FANUC	



LINK

HIGHLIGHTS VISCOM 5x



Customizable
Flexibility for every project.



High speed machining
Faster. More precise. More profitable.



Versatile & flexible
Meets any production demands.



3-axis version
Ideal for flat cutting, 2D and 2.5D
contouring.



4-axis version
Ideal for 3D machining, complex shapes
and multi-sided machining operations.



5-axis version
Maximum precision and flexibility for the
most demanding machining operations.

| TECHNICAL FEATURES

WORKING AREA		AXES FEED RATE	
Working length (X)	Up to 14.000 mm	X-axis feed rate	55 m/min
Working width (Y)	1.500 to 3.000 mm	Y-axis feed rate	55 m/min
Working height (Z)	500 mm	Z-axis feed rate	15 m/min
C-axis rotation	+/- 220°	C-axis feed rate	135°/sec
A-axis rotation	+/-180°	A-axis feed rate	135°/sec
MILLING MOTOR & TOOL CHANGER		ACCURACY PARAMETERS	
Spindle power	Up to 18 kW	Accuracy	+/-0'05 mm
Rated spindle speed	10.000 rpm	Repeatability	+/-0'025 mm
Maximum spindle speed	24.000 rpm	NUMERICAL CONTROL	
Tool changer	8-12 positions	SIEMENS, FANUC, OSAI	



VISCOM-5X

HIGHLIGHTS ROCKET



Starter Mill
Simple. Robust. Smart.



3-axis version
High quality 3D machining.



Peak performance
Boost your projects.



Versatile
Cutting, engraving and milling.

| TECHNICAL FEATURES

WORKING AREA		AXES FEED RATE	
Working length (X)	1.500 / 2.500 / 3.000 / 4.000 mm	X-axis	20 m/min
Working width (Y)	1.000 / 1.500 / 2.000 / 2.000 mm	Y-axis	20 m/min
Working height (Z)	150 mm	Z-axis	15 m/min
MILLING MOTOR & TOOL CHANGER		ACCURACY PARAMETERS	
Spindle power	7,5 kW	Accuracy	+/-0'05 mm
Rated spindle speed	12.000 rpm	Repeatability	+/-0'025 mm
Maximum spindle speed	24.000 rpm	NUMERICAL CONTROL	
Tool changer	6-10 positions	OSAI	



ROCKET

HIGHLIGHTS HEXA



Fitted with linear motors
High-speed, high-precision machining.



Low maintenance, zero wear
Friction-free X and Y axis transmission system.



Rigidity & stability
Robust steel frame with anti-vibration polymer concrete base



NEW

| TECHNICAL FEATURES

WORKING AREA		AXES FEED RATE	
Working length (X)	1.500 mm	X-axis	100 m/min
Working width (Y)	1.000 mm	Y-axis	100 m/min
Working height (Z)	200 mm	Z-axis	30 m/min
MILLING MOTOR & TOOL CHANGER		ACCURACY PARAMETERS	
Spindle power	6,5 kW	Accuracy	+/-0'010 mm
Rated spindle speed	12.000 rpm	Repeatability	+/-0'05 mm
Maximum spindle speed	36.000 rpm	NUMERICAL CONTROL	
Tool changer	Linear type - 6 to 24 positions	Mitsubishi CNCM80VW	



HEXA



Why diamond polishing?

Perfect flatness and optical clarity

Diamond polishing machines cut and polish simultaneously, leaving edges perfectly flat and optically clear. Other methods, such as flame or laser polishing, can produce wavy edges or internal stresses.

No internal stresses

Diamond polishing is a cold mechanical process, meaning the surface remains stable and durable. In contrast, laser or flame techniques heat the material, which may cause micro-cracks and increase the risk of cracking over time.

Consistent quality

Each part leaves the machine with a uniform finish, whereas manual polishing methods depend heavily on operator skill.

Excellent results across different thicknesses

Diamond edge polishing delivers outstanding results on both thin sheets and thick blocks. Flame or laser methods are more limited and perform best on thin edges.

Improved bonding adhesion

Diamond-polished surfaces retain excellent adhesive properties for bonding applications.

Long-term durability

Diamond-polished edges do not degrade or yellow easily. Heat-based methods can accelerate ageing and reduce UV resistance over time.

Polisheable materials

From rough to brilliant: surfaces transformed!

Acrylics (PMMA) – Achieve transparent, high-gloss edges with minimal effort.

Methacrylates – Ideal for clear or coloured sheets requiring a high-quality finish.

Polycarbonate – Durable polishing for impact-resistant materials.

Engineering plastics – Materials such as PETG, ABS and other technical polymers.

Composite sheets – Smooth, precise edge finishing for laminated or reinforced plastics.





Brilliant applications

Displays & Signage:

- Advertising displays (POP/POS)
- Illuminated signs and signage
- Letters for signage applications
- Trade fair and exhibition stands

Furniture:

- Acrylic furniture (tables, chairs, shelving units)
- Shopfitting equipment and retail displays
- Luxury retail displays

Interior design & Architecture:

- Decorative panels
- Acrylic partitions and screens
- Lighting fixtures and wall lights
- Kitchen and bathroom components (front panels, panels)

Industrial Applications:

- Technical plastic components requiring optical finishing
- Machined parts for machine housings and covers

Luxury and design products:

- Awards and trophies
- Jewellery displays
- Premium product presentation boxes

Other applications:

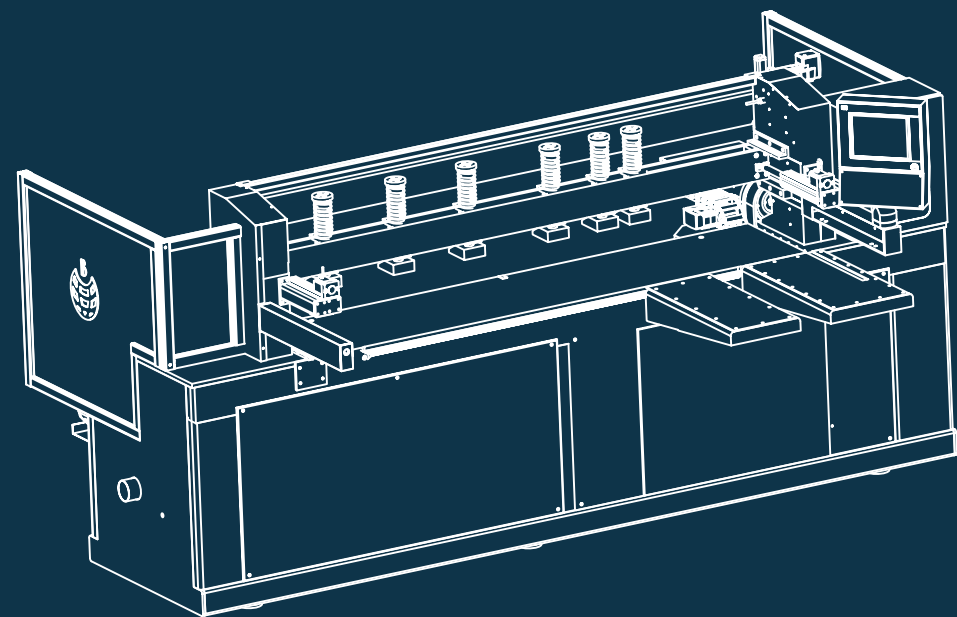
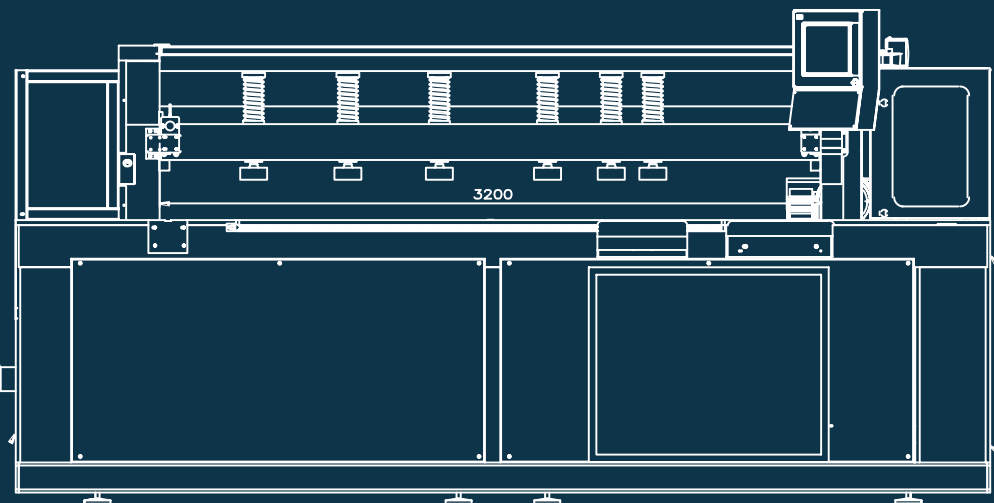
- Aquariums
- Museum display cases
- High-end picture frames
- Protective screens (e.g. anti-contagion barriers)



Technical data table



WORKING LENGTH	2.100 - 3.100 mm	1.400 mm	700 mm	700 mm 1.000 mm (extender)	700 mm
MAX. THICKNESS OF THE PART	120 mm (straight) 105 mm (60° bevel)	120 mm (straight) 75 mm (45° bevel)	35 mm (straight) 20 mm (45° bevel)	30 mm	11 mm ancho bisel 500 mm máx. pieza 8 mm bisel completo
MAX. CUTTING DEPTH	4 mm	4 mm	1.4 mm	0,5 mm	0 a 3 mm (bisel completo)
MOTOR SPEED	5.000 to 10.000 rpm	5.000 to 10.000 rpm	7.000 to 12.000 rpm	18.000 rpm	7.000 to 12.000 rpm
FEED SPEED	Up to 10 m/min	Up to 10 m/min	Up to 3 m/min	Up to 5 m/min	manual
MIN. & MAX. TILT	-2° to +60° 0 to +45° (stacked parts)	-2° to +45°	-3 to +60°	X	44° to 45°
POWER SUPPLY	380V (3PH +N)*	380V (3PH +N)	220V	220V	220V
N° OF CLAMPS	5-12	5	X	X	X



Industrial polishing machines

AMi-C

The AMI-C acrylic polishing machine is a benchmark in advanced polishing technology. It perfectly combines innovative engineering with outstanding flexibility and ease of use.

Drawing on BERMAQ®'s extensive experience, this CNC polishing machine has been developed with multiple functionalities designed to meet the demands of acrylic and plastic polishing applications, delivering faster, more precise and more versatile processes while consistently ensuring superior quality results.

The 2020 upgrade of the AMI-C introduced new operations that enhance the user experience, expand polishing capabilities and ensure the continued high-quality finishes achieved with our diamond tools.



HIGHLIGHTS AMi-C 2.100 & 3.100



The Number ONE
Large-format polishing machine.



CNC-controlled
Easy-to-use touchscreen interface with pre-configured work programmes.



Programe Library
Pre-set programmes - one click and ready!



Working length
2.100 or 3.100 mm.



Automatic tilting head
Precision and efficiency at every angle.



Teleservice assistance
Remote connectivity to Bermaq systems.

APPLICATIONS

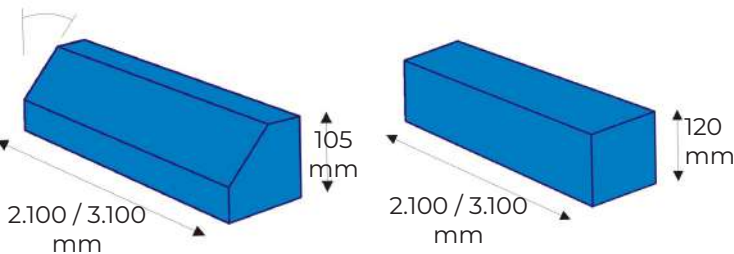


TECHNICAL FEATURES

TECHNICAL DATA	
Working length:	2.100 - 3.100 mm
Cutting depth:	4 mm
Motor speed:	5.000 to 10.000 rpm
Feed rate	Up to 10 m/min
Tilting range:	-3 to +60°
Number of clamps:	2.100 : 5 clamps 3.100 : 7 clamps
MACHINE DIMENSIONS & WEIGHT	
2.100 (LxWxH) (kg)	3.300 x 1.980 x 1.700 mm; 2.300 kg
3.100 (LxWxH) (kg)	4.300 x 1.980 x 1.700 mm; 3.000 kg

WORKPIECE DATA:	
Max. thickness at 90°	120 mm
Max. thickness at 60°	108 mm
Max. thickness at 45°	87 mm
Max. thickness at 30°	60 mm

-2° ... +60°



STANDARD EQUIPMENT



Automatic tilting head

Tilting head: up to 60° to facilitate the polishing of edges and complex surfaces, adapting to different working angles. Once the initial parameters have been set, the control system automatically calculates the number of passes required to complete the workpiece. The clamping units are then lowered automatically.



Automatic reference screen

It is used to hold the parts against the reference screen. The tilting reference screen allows chamfers to be made on several parts simultaneously in a single pass.



BERMAQ original tools

The AMI-C, like all BERMAQ® polishing machines, uses original diamond tools to achieve highly transparent, glossy and smooth finishes. Polishing disc and tools included:

EIMQ-131001-BQ: pre-cutting tool.
EIMQ-131003-BQ: 1 PCD tool for a transparent finish.
EIMQ-131023-EU: 2 counterweights.

OPTIONAL EQUIPMENT



BUFFING SYSTEM

The AMI-C polishing machine incorporates BERMAQ®'s patented polishing system, delivering exceptional gloss, smoothness and transparency in acrylic and plastics. After machining, the polishing belt leaves a clean, perfect finish.



PARALEX

Support ruler to ensure that the polished faces of the workpiece remain perfectly parallel to each other. Ideal for parts requiring exact final dimensions.



MOVABLE TABLE

Additional movable table guided by linear rails. It allows large sheets to be clamped, making operation more comfortable and easier.

AMI-C



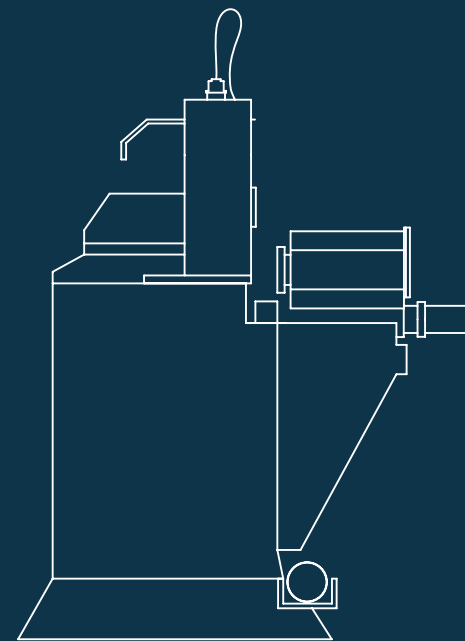
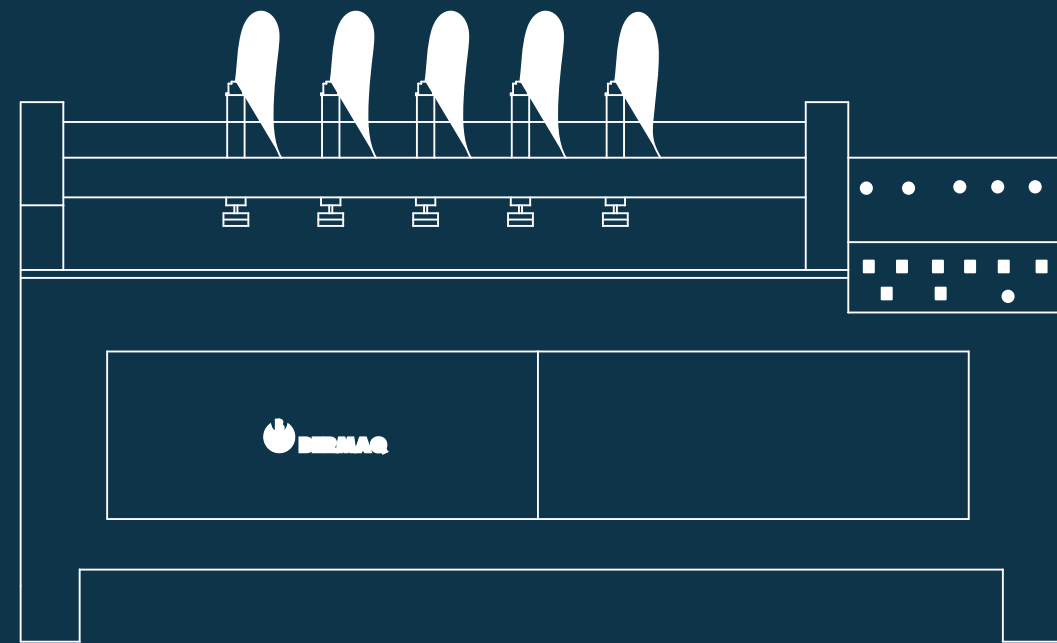
AMi-C

high-gloss

BERMAQ AMI-C is the polishing machine that takes industrial plastic polishing to the next level. Its outstanding versatility, combined with the innovative HIGH GLOSS tooling system, delivers a SUPER-GLOSS finish of the highest quality, raising the standard in performance and repeatability.

Designed for intensive production, it features 20 independent clamps strategically distributed across the entire working area, enabling high-volume part processing without compromising speed, stability or clamping force. A newly redesigned clamp bridge, now more robust and reinforced, provides exceptional stability, while the ability to combine clamp groups allows extra-long workpieces to be processed with maximum precision, safety and efficiency.

AMI-C: greater productivity, enhanced stability and a HIGH GLOSS finish that makes the difference.



AM2-i

The AM2-i acrylic polishing machine combines efficiency, versatility and ease of use. Ideal for plastics, PMMA and soft materials, it polishes edges from 90° to +45° using a manual tilting head and automatic depth adjustment for precise and intuitive operation.

Combined with BERMAQ® diamond tools, it delivers flawless, glossy and optically clear edges, enhancing both the quality and appearance of every part.



HIGHLIGHTS **AM2-i**



Compact & Versatile
Semiautomatic polishing machine.



CNC Controlled
Easy-to-use touchscreen interface with pre-configured work programmes.



Programme library
Pre-set programmes – one click and ready!

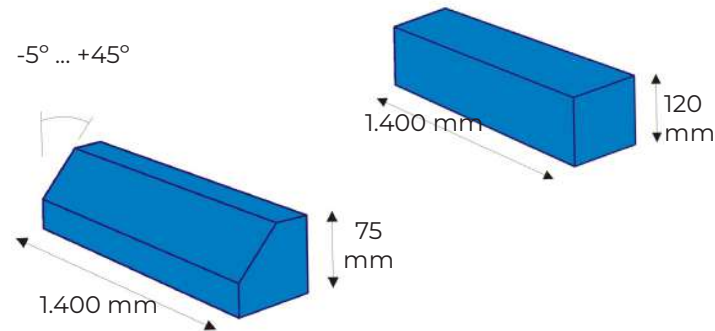
TECHNICAL FEATURES

TECHNICAL DATA:	
Working length:	1.400 mm
Cutting depth:	4 mm
Motor speed:	5.000 a 10.000 rpm
Feed rate	Hasta 10 m/min
Tilting range:	-2 a +45
Number of clamps:	5
MACHINE DIMENSIONS & WEIGHT:	
AM2-i: (LxWxH) (kg)	2.500 x 1.200 x 1.650 mm; 1.200kg

APPLICATIONS



WORKPIECE DATA	
Max. thickness at 90°:	120 mm
Máx. thickness at 45°:	75 mm



STANDARD EQUIPMENT



Manual tilting head

The polishing head tilt angle is manually adjustable from -2° to +45°.



Control Panel

Intuitive control system allowing adjustment of speed, pressure and other polishing parameters according to the material requirements and desired finish.



4-housing polishing disk:

The AM2-i includes the **EIMQ-131300-EU** disk and the following tools:

EIMQ-131001-BQ: 1 pre-cutter
EIMQ-131003-BQ: 1 PCD tool for transparent finishing
EIMQ-131000-EU: 2 counterweights



Side openings

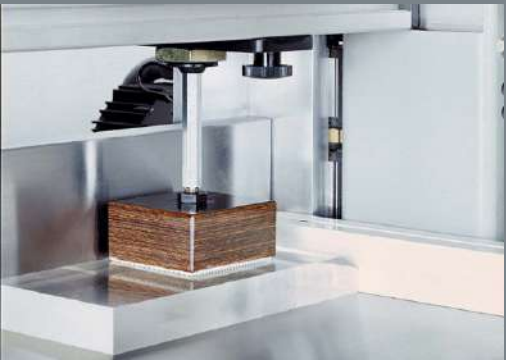
Side openings to extend the working area and facilitate handling of long workpieces.

OPTIONAL EQUIPMENT



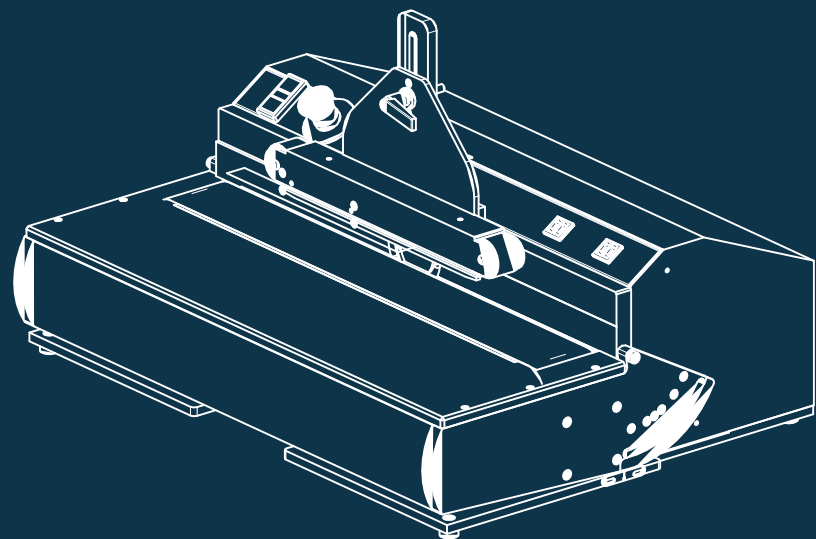
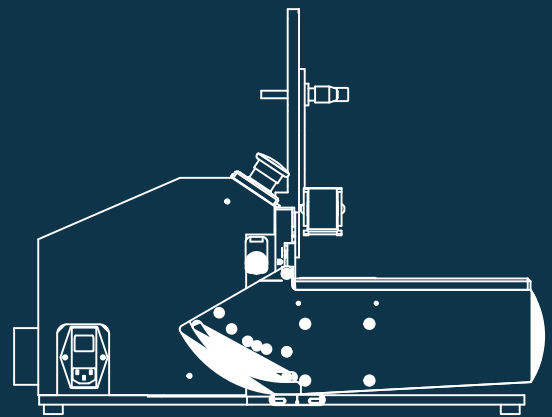
Spare tools

See page 50 to see the appropriate tools for the AM2-i edge polisher.



AM2-i

Benchtop acrylic edge polishers



AMT

The AMT edge polishing machine is a benchtop unit with a tilting table, ideal for processing small parts. Thanks to its tilting capability, it can polish the edges of acrylic and PMMA parts with bevels of up to 60°.

If you are looking for a practical, easy-to-handle, user-friendly and versatile machine that delivers, above all, a high-quality finish, the AMT edge polisher is the ideal solution. It is recommended for displays, decorative elements and exhibition stand components.



HIGHLIGHTS AMT



Tilting table
from - 3° to +60°



Practical & user-friendly
For small pieces



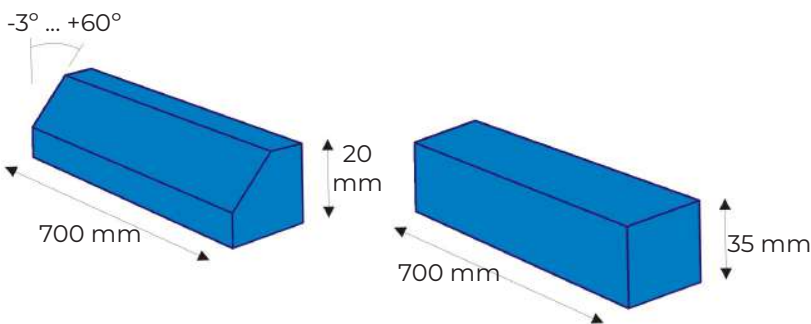
Tabletop machine
Perfect for small workshops.



| TECHNICAL FEATURES

TECHNICAL DATA:	
Workpiece length:	700 mm
Cutting depth:	1,4 mm
Spindle speed:	7.000 to 12.000 rpm
Feed speed:	0 to 3 m/min
Rango de inclinación:	-3 to +60
Preset positions:	15° / 22.5° / 30° / 45° / 60°
DIMENSIONS OF THE MACHINE & WEIGHT:	
AMT	720 x 430x 250 mm; 90 kg

WORKPIECE DATA:	
Length:	700 mm
Max. depth at 90°	35 mm
Max. depth at 45°	20 mm



STANDARD EQUIPMENT



Tilt adjustment

- From -3° to +60° (any position)
- Preset positions:
15° / 22.5° / 30° / 45° / 60°



Main controls

- Emergency stop
- Power button (ON/OFF)



Cutting depth adjustment

Adjust the position of the reference screen forwards or backwards to set the cutting depth.



BERMAQ original tools

The AMT is equipped with a polishing plate featuring 2 tool holders.

- EIMQ-131001-BQ:** PCD tool for black roughing pass
- EIMQ-131003-BQ:** PCD tool for transparent finishing (red)

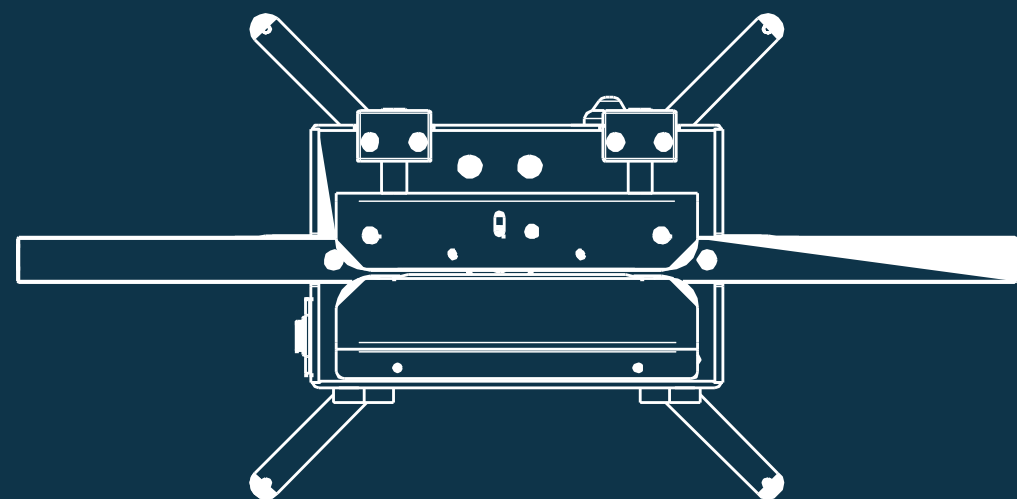
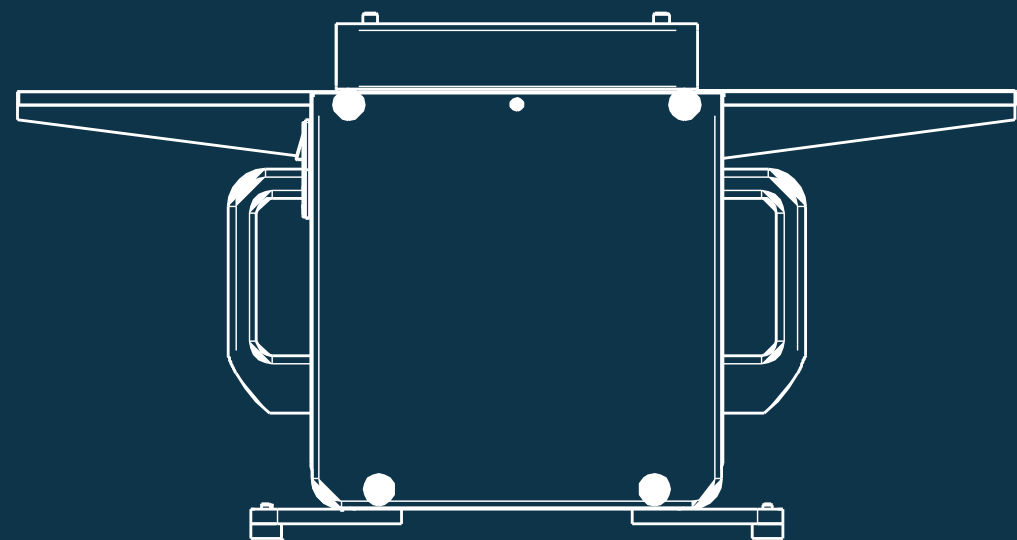
OPTIONAL EQUIPMENT



Spare tools

See page 50 for the tools that can be used with the AMT.

AMT



|BOX-One

The BOX-One polishing machine is a compact unit designed for 90° polishing of acrylic, polycarbonate, aluminium, Alucobond, resins and other non-ferrous materials. It delivers high-quality industrial finishes, reducing manual work, saving time and lowering production costs.

Thanks to its exclusive clamping system and BERMAQ diamond tools, it allows multiple parts to be polished simultaneously in a single pass, effortlessly. Its compact size and dual handles make the BOX-One easy to transport, offering a revolutionary solution in a compact format.



HIGHLIGHTS BOX-One



Compact
Tabletop design



Portable
Easy to carry thanks to its two handles



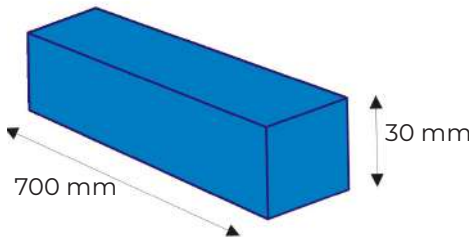
Increased efficiency
Now capable of polishing thicknesses of up to 30 mm.



TECHNICAL FEAUTURES

TECHNICAL DATA	
Working length:	700 mm
Cutting depth:	0,5 mm
Spindle speed:	18.000 rpm
Feed speed:	0 to 1.5 m/min
Tilting range:	-2 to +45
MACHINE DIMENSIONS & WIDTH	
BOX-One	663 x 325 x 375 mm; 17 kg

WORKPIECE DATA	
Length:	700 mm
Max. thickness:	30 mm



STANDARD EQUIPMENT



Suction device

The BOX-One is supplied as standard with a standalone chip extraction system.



Clamping system

Double-roller jaw system with clamping bands that guide the workpiece throughout the machining process. Now more ergonomic!



Polishing disk and tools

The machine is supplied as standard with the polishing disc and tools:

EIMQ-118001-BQ: Plate with a roughing tool + polycrystalline diamond tool for transparent finish.

BOX-EXTENDER



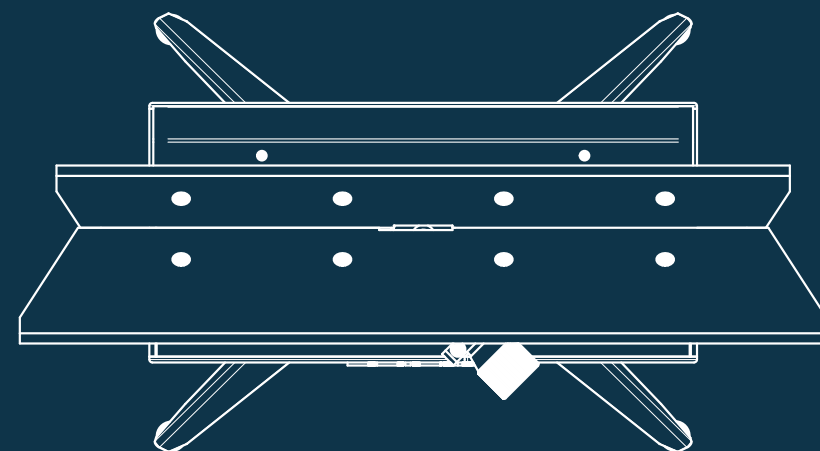
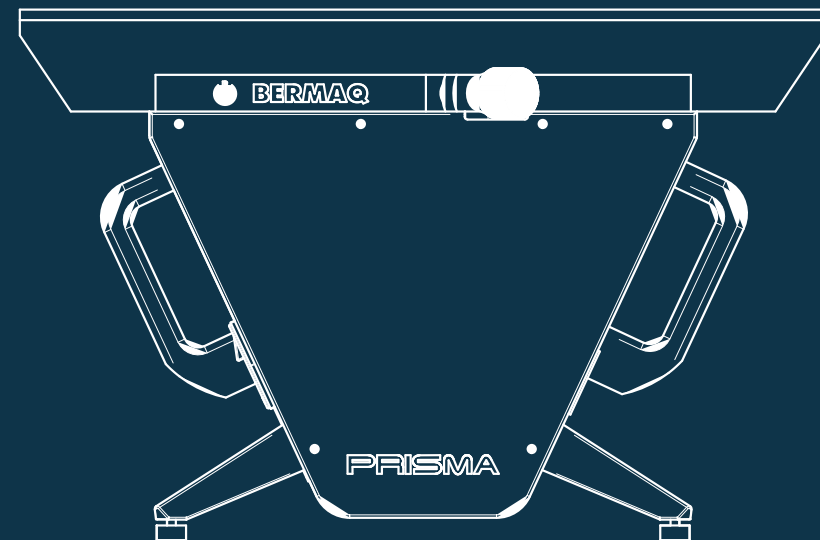
Exclusive accessory for the BOX compact edge polisher, designed to enable the polishing of large workpieces on a small-sized machine while ensuring high-quality finishes.

With the BOX EXTENDER, production capacity can be significantly increased (allowing both small and large parts to be polished) at minimal cost.

Compact size, great potential, and superior results.



BOX-One



|PRISMA

PRISMA Mini – Acrylic beveling machine. Compact tabletop unit designed for edge polishing at 44° and 45°, delivering exceptional precision and surface quality. Equipped with an integrated extraction system for continuous chip removal and clean operation.

Suitable for small-scale production of displays, trophies, signage, and decorative components made from acrylic, PMMA, PETG, PC, PVC, aluminum, and other non-ferrous materials. The PRISMA Mini enables precise full beveling, ensuring optimal results in the manufacturing of boxes, display cases, urns, and similar assemblies..



HIGHLIGHTS Prisma



The small beveling machine

Simple and efficient.



Portable

Easy to carry thanks to its two side handles.



44° polishing

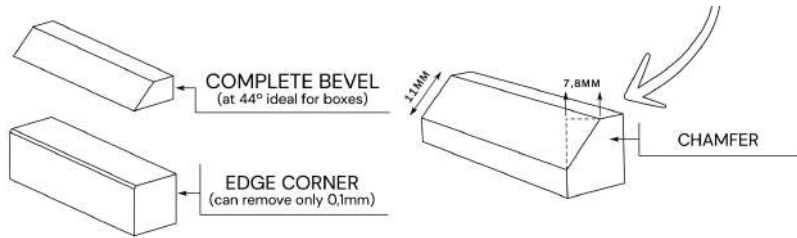
Ideal for acrylic box bonding applications.



TECHNICAL FEATURES

TECHNICAL DATA	
Working length:	700 mm
Cutting depth:	0,5 mm
Spindle speed:	7.000 to 12.000 rpm
Feed speed:	0 to 1.5 m/min
Tilting range:	-2 to +45
MACHINE DIMENSIONS & WEIGHT	
Prisma	663 x 325 x 375 mm; 17 kg

WORKPIECE DATA	
Length:	700 mm
Maximum thickness:	20 mm



STANDARD EQUIPMENT



Suction device:

Like the BOX-One model, the PRISMA machine is supplied as standard with a standalone chip extraction system.



Worktop:

Inclined worktop. To create the bevel, the piece is placed at the beginning of the worktop and manually moved from left to right until the end of stroke.



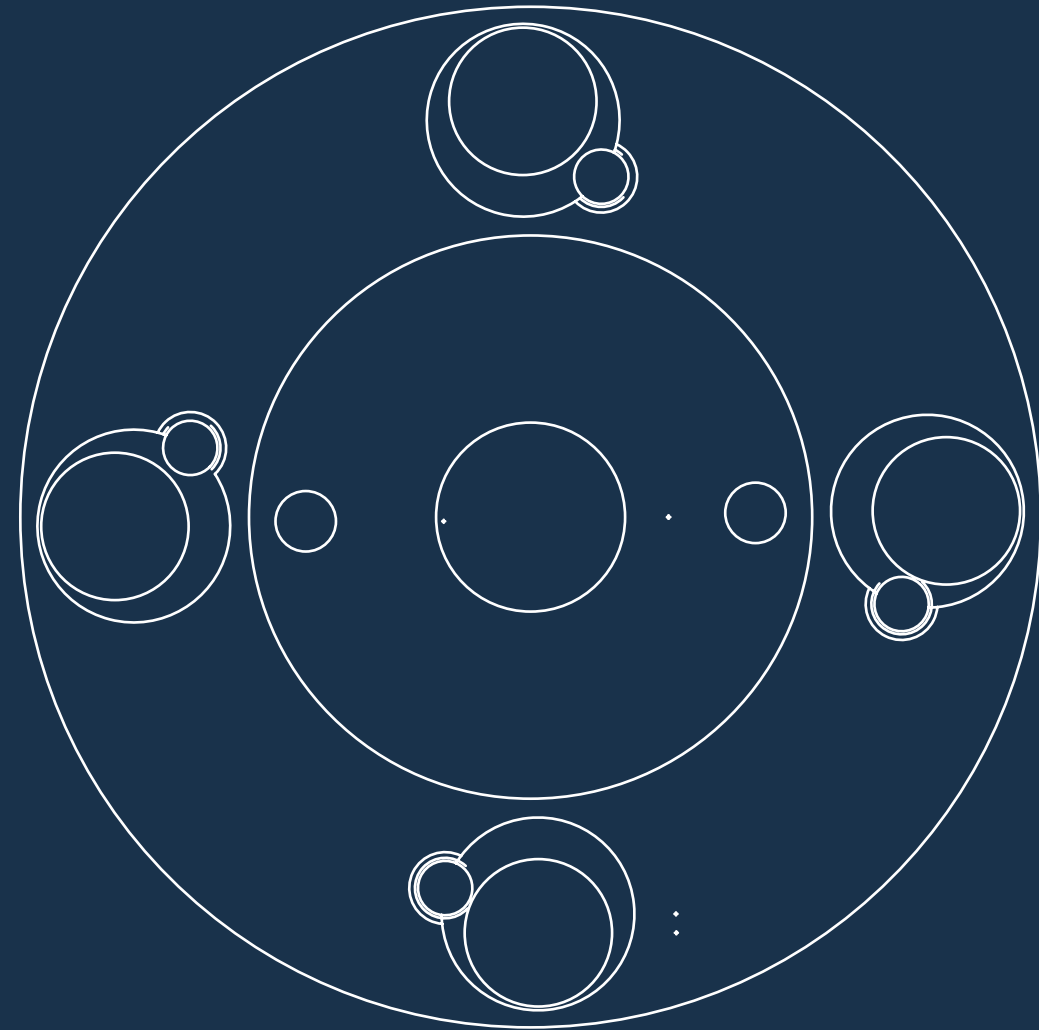
Polishing disk & tools:

The machine is supplied as standard with the polishing disc and tools:

EIMQ-117001-BQ: Plate with a roughing tool + polycrystalline diamond tool for transparent finish.



PRISMA



BERMAQ TOOLS

At BERMAQ®, we design and manufacture our own diamond tools to ensure the highest quality in every polishing process. By producing both the machines and the cutting tools they use, we guarantee perfect compatibility and precision—key factors that are reflected in the superior finish of every workpiece.

For polishing glossy materials such as PMMA, acrylic, PETG, polycarbonate, aluminum, and other soft materials, selecting the right diamond tool is essential to achieve smooth, transparent edges. Since the quality of the tool directly determines the final result, we strongly recommend using only GENUINE BERMAQ® TOOLS.





Polishing tools **AMT, AM2-i & AMi-C**



AMT polishing disk



AM2-i & AMi-C polishing disks

EIMQ-131301-EU: 2-housing polishing disk



Polishing tools **PRISMA & BOX-One**



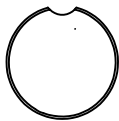
PRISMA & BOX polishing disk



PLFR-BX-PR : 2-tip polishing disk

BOX-One polishing disk

PLFR-ONE 2-tip polishing disk



EIMQ-131000-EU
Counterweight.



EIMQ-131003-BQ (red)
PCD for transparent finish.



EIMQ-131007-BQ (yellow)
PCD for the roughing pass.



EIMQ-131001-BQ (black)
PCD for the roughing pass.



EIMQ-131004-BQ (green)
PDC for matt finish.



EIMQ-131024-BQ (light brown)
PCD for transparent finish. Polycarbonate.



EIMQ-131002-BQ (blue)
Natural diamond
transparent finish.

for



EIMQ-131006-BQ (white)
PCD for the roughing pass.



EIMQ-1310023-BQ (dark brown)
PCD for transparent finish. For extruded.



2-tip polishing disk:
Precutter + natural diamond for transparent finish.



2-tip polishing disk:
Precutter + PCD for transparent finish.



2-tip polishing disk:
Precutter + PCD for matt finish.



2-tip polishing disk:
Precutter + natural diamond for extruded (XPS).



2-tip polishing disk:
Precutter + natural diamond for polycarbonate.

PRISMA

BOX-One

PLFR-BX-PR/001-002

PLFR-ONE/001-002

PLFR-BX-PR/001-003

PLFR-ONE/001-003

PLFR-BX-PR/001-004

PLFR-ONE/001-004

PLFR-BX-PR/001-023

PLFR-ONE/001-023

PLFR-BX-PR/001-024

PLFR-ONE/001-024

Automatic bending machine

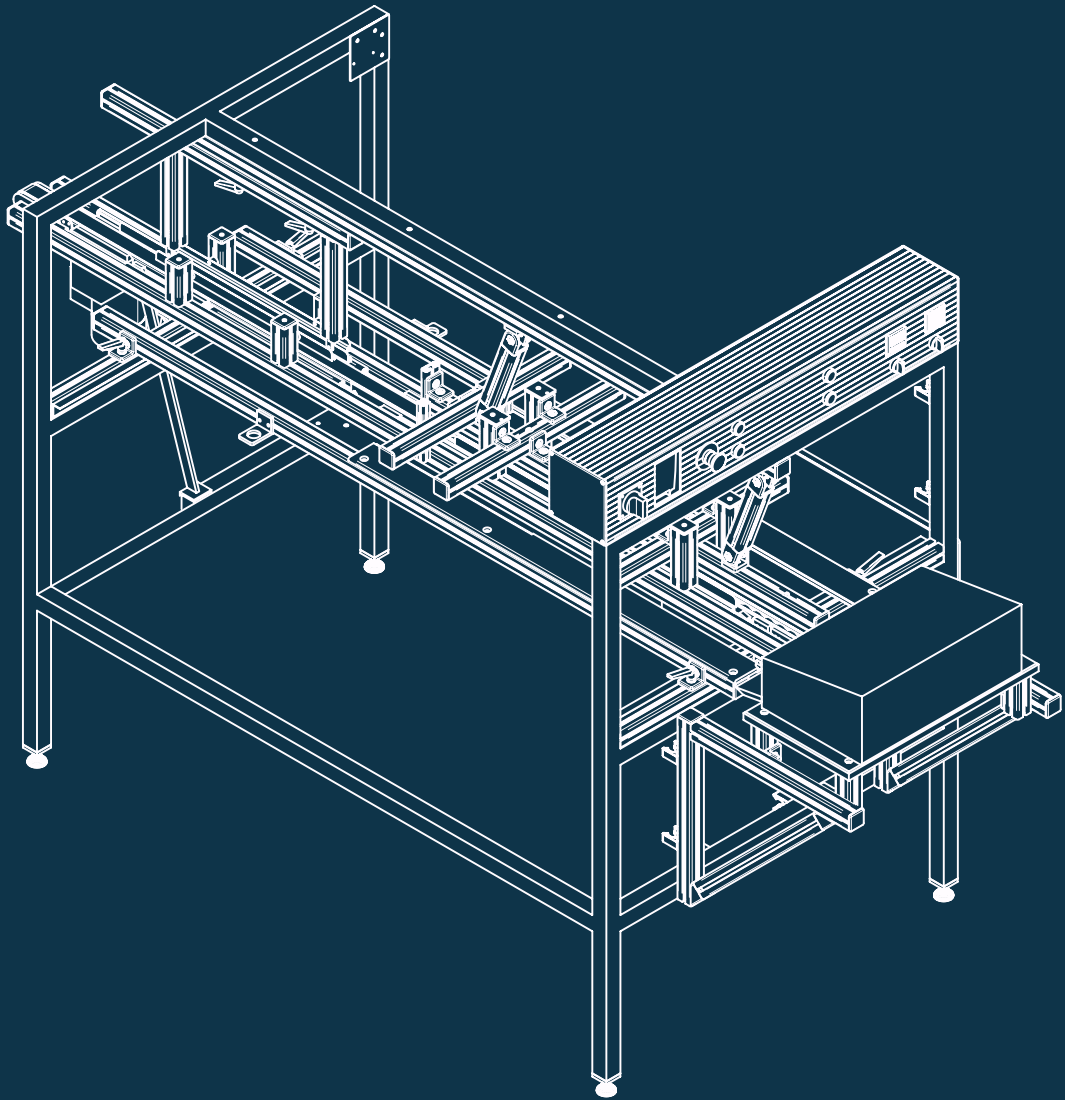
Improve the efficiency of your production with BER-MAQ's bending machine.

The BERMAQ DA bending machine is a high-performance solution designed to optimize the bending process of a wide range of plastic and acrylic sheets, including PETG, PVC, and polystyrene. Its fully automatic operation ensures consistent and precise bends, reducing the need for manual intervention and minimizing human error. This capability not only increases productivity but also enhances the overall quality of finished products.

Equipped with advanced features such as adjustable heating elements, programmable bending angles, and an intuitive user interface, the DA offers the flexibility required to meet a variety of bending applications. Its robust construction and durable components ensure long-term reliability, making it a valuable investment for companies seeking to improve their manufacturing processes.

By integrating the DA into your production line, you can reduce manufacturing times, maintain consistent product quality, and improve workplace safety, resulting in greater customer satisfaction and business growth.





| DA

The DA sheet bending machine is an automatic system designed for bending a wide variety of thermoplastic materials in multiple shapes and sheet sizes.

This BERMAQ® acrylic bending machine is engineered for high-volume production, reducing manufacturing times and simplifying operations while consistently delivering outstanding finished quality.

In addition, the DA acrylic bending machine is an ideal solution for heating, softening, and bending acrylic materials. It is suitable for a broad range of thermoplastics, including acetate, styrene, polycarbonate, PETG, acrylic glass, organic glass, Plexiglas®, PVC, PC, ABS, and PP sheets, among others..



HIGHLIGHTS DA

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On the fly
Non-Stop production.
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Rapid setup
Quick program/part changeover
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High production
Up to 5,000 pcs/hour.

TECHNICAL SPECIFICATIONS

TECHNICAL DATA	
Working length:	700 mm
Cutting thickness:	0,5 mm
Spindle speed:	7.000 to 12.000 rpm
Feed speed:	0 to 1.5 m/min
Heating lines	2 independent heating wires
Loading capacity of feeder:	60 kg
MACHINE DIMENSIONS & WEIGHT	
DA	2.600 X 1.100 X 1.600 mm; 170 kg

APPLICATIONS

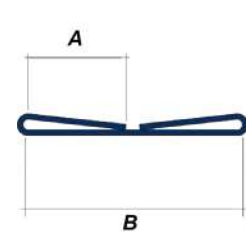


WORKPIECE DATA	
Width of the sheet	650 or 1.300 mm
Max. thickness	From 0.3 to 0.8 mm
Flange width (A)	19 mm to 350 mm
Width B	51 mm to 740 mm

Possible bends



A and B bends

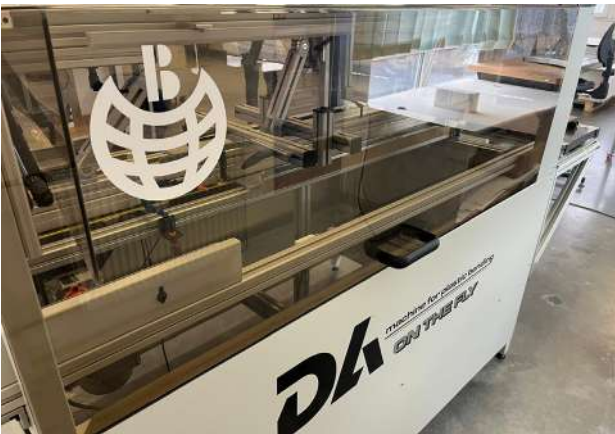


EQUIPMENT



Workpiece feeder (option)

It can be equipped with an automatic feeding system with a digital part counter. It can perform one or two bends at different required angles within the same cycle. The thermal precision of the hot wire ensures clean, uniform, and mark-free bending lines, optimizing the final aesthetic quality of the workpiece.



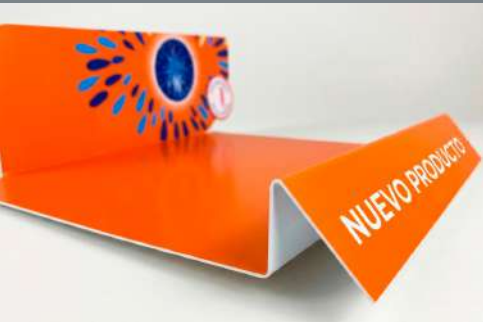
Enclosed machine

The DA bending machine stands out for its enclosed, cabinet-style structure and modern design with full protection of all internal components. It is equipped with polycarbonate safety screens on both sides of the machine.



Touch screen

Touchscreen control panel with functions for managing heating element temperature, part counter, conveyor belt display, and stored recipes.



At your **service**



Maintenance and technical service

Proper maintenance is key to extending the service life of your machine and preventing unexpected issues. For this reason, we have designed maintenance packages that ensure optimal performance. We recommend selecting the most suitable option according to your machining center and level of activity.



Spare parts

We maintain a large stock of genuine spare parts to ensure the optimal performance of our machines. From mechanical components to electronic spare parts, we provide everything needed to guarantee efficient operation and extend the service life of your equipment..



Training

Our specialized team will guide you through all the details regarding the operation of your new machine and everything you need to know to get the most out of it, ensuring maximum performance. Request an online training session or visit our facilities in person.



Tool sharpening service

We offer all our customers a 24-hour sharpening service, for both BERMAQ® tools and tools from other manufacturers.





45
Countries

+40 years of experience

+3.500 m²

+1.300 machines installed

+45 countries





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