ENGLISH

CNC MACHINING CENTRES

& ADVANCED TECHNOLOGIES

belotti

Since its foundation in 1976, Belotti S.p.A. has been a global leader in designing and manufacturing 3- and 5-axis CNC machining centres for milling and trimming composites, alloys, and plastics—offering seamless integration with advanced technologies such as 3D printing extruders as well as waterjet and ultrasonic cutting systems.

Born from the entrepreneurial spirit of Eng. Luciano Belotti, the company operates from the **headquarter in Suisio (Bergamo)** and the **Innovation HUB in Modena**, collaborating with **Belotti Centro-Sud** for sales and engineering services in Central and Southern Italy.

Driven by a strong international vision, Belotti has steadily grown its global footprint, delivering CNC machining centres to clients worldwide and establishing **strategic branches** in Germany, the USA, and China.

With decades of **experience**, continuous **investment** in cutting-edge technologies, and an unwavering **commitment to performance**, the company delivers solutions that excel in efficiency, precision, and reliability—earning a solid reputation across key industrial sectors such as automotive, aerospace, railway, marine, design and furniture, patterns and moulds, thermoforming, and packaging, and serving prestigious Italian and international clients worldwide.

belotti.com

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An extensive range of
performance-oriented technologies
for many application industries and materials.

AEROSPACE

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MOTORSPORT

PACKAGING

PATTERNS & MOULDS

RAILWAY

THERMOFORMED

ALUMINIUM

COMPOSITES

MULTI-AXIS CNC CENTRES

Customised solutions for machining composites, light alloys, and plastics.

OUR PLUS:

- HIGH PRODUCTION EFFICIENCY
- QUALITY AND ACCURACY OF THE MACHINING
- RELIABILITY AND FLEXIBILITY OF THE SOLUTIONS

Multi-axis CNC machining centres have long been central to Belotti's expertise. Offering a wide range of **highly customisable models**, this division meets the demanding standards of sectors such as automotive, aerospace, railway, marine, design, thermoforming, packaging, and patterns and moulds production.

Driven by innovation and a deep understanding of industrial trends, Belotti develops fast, versatile, and high-performance systems, leveraging its ability to anticipate the needs of global and local markets.

Belotti's CNC technology is enhanced by integrated solutions such as **waterjet** and **ultrasonic cutting systems**, delivering exceptional precision and adaptability.

The company also invests in **software development**, offering CAD/CAM tools and IoT platforms for programming, monitoring, and the integrated management of machines within Industry 4.0 environments.

ENGINEERING PLASTICS

LIGHT ALLOYS

TRIM SERIES

The ideal 5-axis machining centre for high-volume trimming of composites and plastic components across multiple applications and industrial sectors.

The Belotti TRIM Series stands as a reference point in 5-axis machining centres, renowned for their speed, precision, and unwavering reliability in trimming plastic and composite materials.

Featuring models with either a rigid baseframe or a column structure—chosen according to axis stroke—this Series achieves **processing speeds** that uphold the highest standards of industrial performance and productivity, all while maintaining **exceptional cutting and trimming precision.**

Further optimisation of cycle time is achieved through:

- **Various head configurations** that enable a wide range of processing capabilities, accommodating even the most intricate tasks with a single machine.
- **Customisable piece loading/unloading systems** that minimise setup times to nearly zero.
- **Incorporation of a second independent bridge** that facilitates simultaneous machining operations on different pieces or the same piece.

WORKABLE MATERIALS*

PLASTIC | 100 %

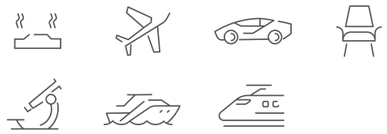
COMPOSITES | 50 %

TECHNICAL PLASTIC | 30 %

TOOLING BOARDS RESINS | 20 %

* Efficiency indicators by material

APPLICATION SECTORS



MAIN ACCESSORIES

- Twin shuttle loading/unloading system
- Rotary table 1
- Single table
- Revolver head
- Head with double exit electrospindle 2
- Head with automatic tool changer up to 30 positions 4
- Second independent bridge 3
- Total enclosure

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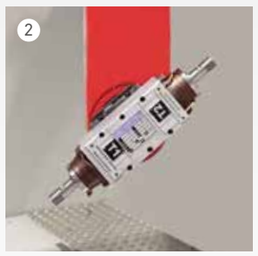

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TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	2,5/3/4/5,5 m	1,5/1,6/2/2,2 m	0,9/1,1 m	+/- 270°	+/- 120°
Speed	80 m/min		60 m/min	40 rpm	40 rpm
Spindle	From 2 kW up to 15 kW at 36.000 rpm max.				
CNC	Siemens, Osai, Fanuc				
Tool change	From 8 to 30 positions				
Linear accuracy	≤ 0,05 mm/m for linear axes				
Rotary accuracy	+/- 25 arcsec for rotary axes				
Optional combined technologies	Waterjet				

FLA SERIES

High-speed machining centres for high-volume trimming of composite materials and for milling resin or light alloy patterns.

Belotti FLA 5-axis CNC machining centres combine the productivity of a high-speed milling machine and the potential of a mobile bridge machining centre in a single solution.

The FLA Series is especially well-suited for:

- Mass-production **trimming** of **components in composite materials.**
- **Milling** of **resin and light alloy products/patterns.**
- **Trimming** of **thermoplastic materials.**

FLA machining centres guarantee **maximum production efficiency** through the exceptional dynamism of their axes and the inclusion of automated loading/unloading systems such as rotary tables, single shuttle, or twin shuttles.

The variety of models, technical features, and high level of customisable configurations of this Series make it the ideal solution for a wide range of production requirements, particularly within the automotive and aerospace sectors.

WORKABLE MATERIALS*

COMPOSITES | 100 %

PLASTIC | 90 %

TOOLING BOARDS RESINS | 70 %

TECHNICAL PLASTIC | 40 %

LIGHT ALLOYS | 30 %

* Efficiency indicators by material

APPLICATION SECTORS

MAIN ACCESSORIES

- Single or twin shuttle loading/unloading system 1
- Rotary table 2
- Dust suction grids with dedicated extraction unit
- Electronic suction hood 3
- Linear scales
- Total enclosure or manual/motorised upper rolling shutter
- Cooling liquid system with waste collection tanks 4
- Second independent bridge 4

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TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	3/4/5/5,5/6,5/9/12 m	1,8/2,6/3,2 m	0,9/1,3/2 m	+/- 270°	+/-120°
Speed	80 m/min		60 m/min	44 rpm	40 rpm
Spindle	From 6,5 kW up to 22 kW at 24.000 rpm max.				
CNC	Siemens, Heidenhain, Osai, Fanuc				
Tool change	From 8 to 60 positions				
Linear accuracy	≤ 0,03 mm/m for linear axes				
Rotary accuracy	+/- 24 arcsec for rotary axes				
Measurement system	Linear scales, 5 microns resolution				
Optional combined technologies	Waterjet | Ultrasonic cutting system | Additive manufacturing				

FLU SERIES

The compact and flexible solution for the prototyping and manufacturing of patterns & moulds and tooling boards resins.

The Belotti FLU Series is the ideal technology for:

- **5-axis high-speed milling** of **resin patterns** and **aluminium moulds.**
- **Trimming composite materials.**

This Series features a sturdy monolithic or double-shoulder structure, specially designed to dampen vibrations and ensure maximum rigidity and complete stability during high-volume operations.

Its high-speed processing leads to a substantial **reduction in cycle times,** whilst the single-shoulder machining units—HP and HP2 models—improve **milling precision** and ensure **superior surface finishes.**

The special structure provides full access to the work area, allowing both small and heavy pieces to be loaded using a forklift or overhead crane.

FLU machining centres can be customised with different work tables, safety enclosures, and advanced accessories (e.g., extruder for additive manufacturing, ultrasonic cutting system) according to the production needs.

WORKABLE MATERIALS*

TOOLING BOARDS RESINS | 100 %

COMPOSITES | 90 %

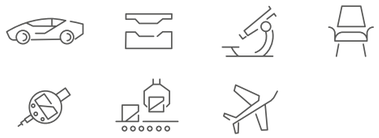
LIGHT ALLOYS | 70 %

TECHNICAL PLASTIC | 70 %

PLASTIC | 30 %

* Efficiency indicators by material

APPLICATION SECTORS



MAIN ACCESSORIES

- High Performance head (HP) crafted from cast iron for exceptional levels of rigidity and temperature stability
- High Performance 2 head (HP2) with unique attributes to reduce vibrations and enhance the head's rigidity 4
- Linear scales for precise measurement and positioning
- Dust suction grids equipped with dedicated extraction units 3
- Total enclosure options with fixed or retractable roofs 2
- Upper rolling shutter
- Coolant system with chip conveyor 5

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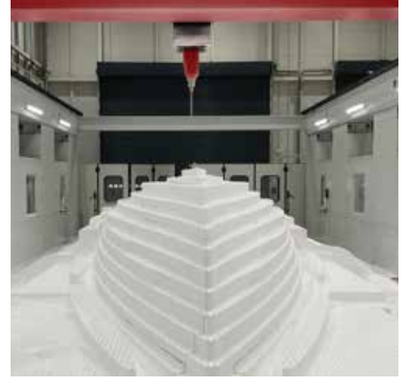
TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	2,6/4 m	1,7/1,8/2,1/2,6/3/3,2/5 m	1/1,3 m	+/- 270°	+/-120°
Speed	80 m/min		60 m/min	44 rpm	40 rpm
Spindle	From 15 kW up to 22 kW at 24.000 rpm max.				
CNC	Siemens, Heidenhain, Fanuc				
Tool change	From 8 to 60 positions, also with exchange arm				
Linear accuracy	≤ 0,03 mm/m for linear axes				
Rotary accuracy	+/- 12 arcsec for rotary axes				
Measurement system	Linear scales, 5 microns resolution				
Optional combined technologies	Ultrasonic cutting system | Additive manufacturing				

NAVY SERIES

Advanced and versatile solutions designed to meet the needs of the marine industry and large pattern makers.



The Belotti NAVY Series features specialised 5-axis machining centres tailored to meet the production demands of shipyards and pattern makers.

The extensive range of models—varying in size and configuration—enables the machining of both patterns and final or structural components of medium-sized vessels, with applications spanning from cutting resin prototypes to trimming fibreglass hulls, decks, and other high-strength composite materials.

The rigid Cartesian structure, featuring a suspended bridge, is designed to deliver exceptional performance—offering **short processing times, flexibility, top-quality surface finishes,** and **long-term durability.**

The production capacity can be further increased with a second independent bridge for simultaneous machining operations on different pieces or on the same piece.

Total enclosures, dust suction grids, push and pull systems and active/passive safety devices ensure a safer and cleaner working environment.

WORKABLE MATERIALS*

TOOLING BOARDS RESINS | 100 %

COMPOSITES | 90 %

* Efficiency indicators by material

APPLICATION SECTORS

MAIN ACCESSORIES

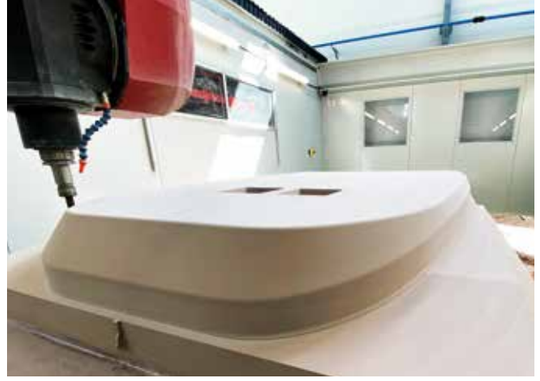
- Single-shoulder head
- Telescopic Z axis 2
- Second independent bridge 4
- Dust suction grids
- Automatic tool changer 3
- Suction hood
- Push and pull system with extraction unit
- Total enclosures 1
- Upper rolling shutter 1

TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	2,6/6/8/12/17/20/23/30/43 m	3,2/4,2/5,2/6,2/7,2/8,8 m	1,5/2/3/3,3/4,2/5,3/6,9 m	+/- 270°	+/- 120°
Speed	100 m/min		45 m/min	44 rpm	40 rpm
Spindle	From 15 kW up to 42 kW at 24.000 rpm max.				
CNC	Siemens, Heidenhain, Fanuc				
Tool change	From 16 to 60 positions				
Linear accuracy	≤ 0,035 mm/m for linear axes				
Rotary accuracy	+/- 24 arcsec for rotary axes				
Optional combined technologies	Additive manufacturing				

VEGA SERIES

High-speed gantry CNC centres for machining large-size components in composite materials and resin prototypes.



Belotti VEGA CNC centres are the result of a long experience in the production of 5-axis technologies for the machining of resin prototypes as well as carbon fibre and aluminium components.

This Series is designed to meet the production requests of the automotive, aerospace and, more generally, of the major pattern makers and composite parts manufacturers (e.g., carbon fibre, kevlar, fibreglass, honeycomb).

Belotti VEGA models feature a dynamically rigid structure, engineered to deliver exceptional performance—offering **reduced processing times,** enhanced **accuracy, high-quality surface finish,** and **rigidity over time.**

Total enclosures, dust suction grids, push and pull systems, and vision cameras ensure a safer working environment.

WORKABLE MATERIALS*

COMPOSITES | 100 %

TOOLING BOARDS RESINS | 90 %

LIGHT ALLOYS | 70 %

* Efficiency indicators by material

APPLICATION SECTORS

MAIN ACCESSORIES

- Single-shoulder head
- Second independent bridge
- Lathing 6th axis 1
- Rear door 2
- Dust suction grids with dedicated extraction system 3
- Suction hood
- Push and pull system with extraction unit
- Total enclosure with moving roof
- Upper rolling shutter 4
- Vision cameras

TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	2,6/6/8/12/17/20/23/30/43 m	3,2/4,2/5,2/6,2/7,2/8,8 m	1,5/2/3/3,3/4,2/5,3/6,9 m	+/- 270°	+/- 120°
Speed	100 m/min		45 m/min	44 rpm	40 rpm
Spindle	From 15 kW up to 42 kW at 24.000 rpm max.				
CNC	Siemens, Heidenhain, Fanuc				
Tool change	From 18 to 60 positions				
Linear accuracy	≤ 0,015 mm/m for linear axes				
Rotary accuracy	+/- 15 arcsec for rotary axes				
Measurement system	Linear scales, 5 micron resolution				
Optional combined technologies	Ultrasonic cutting system | Additive manufacturing				

SKY SERIES

The ultimate versatile solution offering the highest level of accuracy for machining light alloy patterns & moulds and composite prototypes.

Belotti SKY 5-axis CNC centres are designed to mainly satisfy the specific applications of the automotive and aerospace industries.

The SKY Series is the ideal solution for:

- **Milling patterns & moulds** in **aluminium** and **composite materials.**
- **Milling resin prototypes** for design centres.
- **Trimming structural components** in **composite materials.**

This Series features a monolithic structure, thermally stabilised to increase **machining precision and stability over time,** whilst the axis movement is managed by ball screws. The Belotti patented fork head, compact and rigid, is equipped with torque motors and hydraulic locking brakes on the rotary axes, which guarantee a **higher degree of surface finish** during the simultaneous machining of the linear axes interpolated with rotary axes A and C.

The total protection enclosures, the vision cameras in the spindle housing for work-cycle and unattended machining monitoring, the suction system with motorised hood, and the cooling liquid system with filters and chip conveyor for aluminium high-volume processing (also available in the special version for composite materials), are additional features that ensure **excellent operator safety** and a **clean working environment.**

WORKABLE MATERIALS*

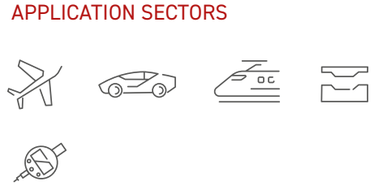
LIGHT ALLOYS | 100 %

COMPOSITES | 70 %

TOOLING BOARDS RESINS | 50 %

* Efficiency indicators by material

APPLICATION SECTORS



MAIN ACCESSORIES

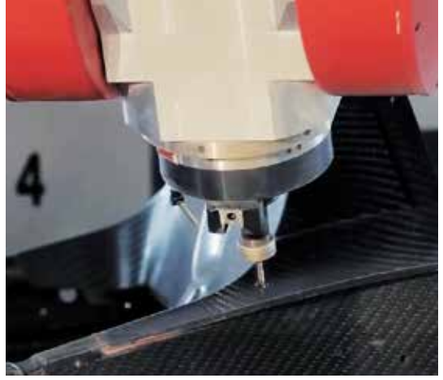
- Fork head with torque motors 2
- Dust suction grids with air ducting and requalification
- Suction hood 3
- Total enclosure with moving roof 1
- Upper rolling shutter 5
- Cooling liquid system with chip conveyor 4
- Temperature control system

TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	2,6/3,6 m	1,7/2,2/3 m	1,3 m	+/- 360°	+ 135° / - 110°
Speed	50 m/min		30 m/min	60 rpm	60 rpm
Spindle	From 22 kW up to 42 kW at 24.000 rpm max.				
CNC	Siemens, Heidenhain, Fanuc				
Tool change	From 18 to 200 positions				
Linear accuracy	≤ 0,01 mm/m for linear axes				
Rotary accuracy	+/- 10 arcsec for rotary axes				
Measurement system	Linear scales, 5 micron resolution				
Optional combined technologies	Ultrasonic cutting system | Additive manufacturing				

MDL SERIES

All-around high-speed 5-axis centres
for machining light alloys and composite
materials for different application industries.



The Belotti MDL Series is used with great versatility for **milling light alloys moulds** and for **trimming large-size structural parts in composite materials.**

This advanced technology is the ideal solution for the automotive and aerospace sectors, addressing the need for:

- **Milling operations** on **patterns & prototypes.**
- **Finishing machinings of large-scale moulds/parts** made of **aluminium** or **composites.**

The high-stiffness structure and the integration of 5-axis heads equipped with torque motors and optical lines on linear axes enhance **machining precision** and **surface finish quality.**
A wide range of models and machining units offers flexible configurations to meet all dimensional and technological requirements.

Total enclosures, a suction system with a motorised hood, a coolant system with chip conveyor, and vision cameras in the spindle ensure **optimal cleaning conditions** of the working area and **excellent operator safety.**

WORKABLE MATERIALS*

LIGHT ALLOYS | 100 %

COMPOSITES | 90 %

TOOLING BOARDS RESINS | 30 %

* Efficiency indicators by material

APPLICATION SECTORS

MAIN ACCESSORIES

- Fork head 2
- Total enclosure with moving roof 1
- Upper rolling shutter
- Coolant system with chip conveyor 3
- Double bridge
- Vision cameras
- Temperature control system
- Automatic countersinking system 4

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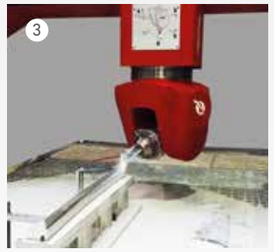

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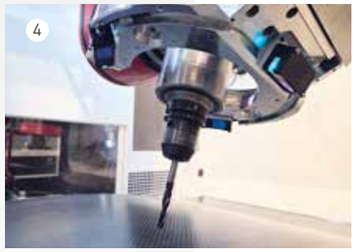

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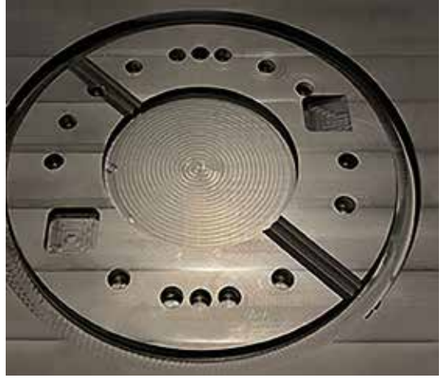
TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	4/6/8/12/16/23/30 m	2,6/3/3,6/4/4,8/6,5 m	1,3/1,5/2/2,5/3/4,5 m	+/- 360°	+ 135° / - 110°
Speed	50 m/min		30 m/min	60 rpm	60 rpm
Spindle	From 30 kW up to 50 kW at 24.000 rpm max.				
CNC	Siemens, Heidenhain, Fanuc				
Tool change	From 18 to 200 positions				
Linear accuracy	≤ 0,01 mm/m for linear axes				
Rotary accuracy	+/- 10 arcsec for rotary axes				
Measurement system	Linear scales, 5 microns resolution				
Optional combined technologies	Abrasive waterjet | Ultrasonic cutting system | Additive manufacturing				

NESTING SERIES



The 3-axis compact Series for machining large aluminium and plastic materials plates.

The Belotti NESTING Series is the ideal solution to machine and nest even small and detailed pieces out of a single aluminium or technical plastic plate, up to 50 mm thick.

This Series represents an automated and highly flexible technology, developed to meet the demands of several sectors including packaging, mechanical industry, checking fixtures, automotive, and aerospace.
The minimum footprint configuration combined with the high dynamism of the milling head ensures **maximum quality of the machined surfaces, high productivity**, and **optimised energy and material consumption.**
The machine features a compact and monolithic structure and is delivered fully assembled, speeding up set-up and positioning operations.

Belotti NESTING CNC centres are designed to operate in unattended mode during the entire cycle time, allowing a **significant reduction in operator-cost** and a **high return on investment.** The machine can be equipped with the CAD/CAM plug-in software, developed by Belotti for easy programming of 2D geometries and complex machining operations.
Furthermore, the aluminium suction table with MDF panel and vacuum clamping system, the extraction system with electronic hood, and the perimeter enclosures ensure a safer and cleaner working area.

WORKABLE MATERIALS*

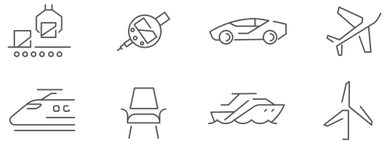
TECHNICAL PLASTIC | 100 %

ALUMINIUM | 70 %

TOOLING BOARDS RESINS | 30 %

* Efficiency indicators by material

APPLICATION SECTORS



MAIN ACCESSORIES

- Aluminium vacuum table with MDF panel
- Electronic suction hood for 3-axis head 2
- Vertical aluminium table 3
- Special table for nesting small pieces
- Tool changer 4
- Perimeter enclosure or on board protection 1
- Minimal lubrication system through the spindle 5
- CAD/CAM easy programming software

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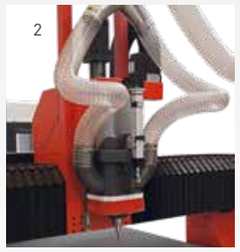

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TECHNICAL FEATURES

Axis	X	Y	Z
Stroke	2/3/4/6 m	1,6/2/2,5 m	0,4 m
Speed	50 m/min		30 m/min
Spindle	From 15 kW up to 22 kW at 24.000 rpm max.		
CNC	Siemens, Fanuc		
Tool change	From 11 to 30 positions		
Linear accuracy	≤ 0,015 mm/m for linear axes		

NOVA SERIES

Sturdy and reliable multi-axis machining centre for milling different sized products and profiling large scale parts out of aluminium, technical plastic and composite panels.

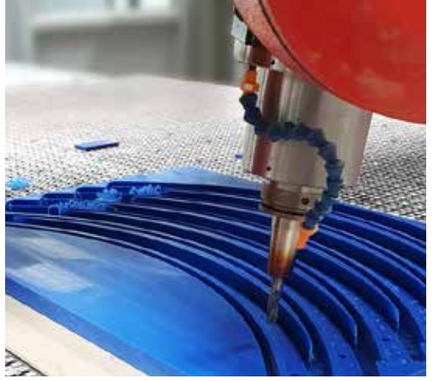
The Belotti NOVA Series is the answer to the strong demand of the leading industries in the packaging, checking fixtures, aerospace, and automotive sectors.

These multi-axis CNC centres consist of a sturdy monolithic structure equipped with double slideways on both sides of the baseframe, ensuring **maximum rigidity of the gantry during operations.**

The mobile bridge and the presence of dual motors on both sides (Dual Drive System) enable the machining of large pieces, while preserving the distinctive quality of the Series.

Available with 3-axis and 5-axis heads, Belotti NOVA centres can process a wide range of materials such as aluminium, light alloys, composites, and technical plastics, ensuring high performances thanks to advanced electrospindles and top-of-the-range clamping systems.

The optional 5-axis head, compact and equipped with axis-locking brakes and encoders, enables the machining of parts with complex shapes, ensuring **quality** and **precision.**



WORKABLE MATERIALS*

ALUMINIUM PANELS | 100 %

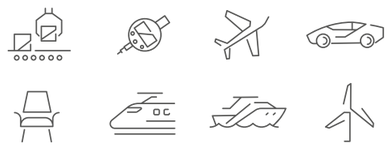
TECHNICAL PLASTIC | 90 %

COMPOSITES | 30 %

TOOLING BOARDS RESINS | 30 %

* Efficiency indicators by material

APPLICATION SECTORS



MAIN ACCESSORIES

- Dual Drive System and linear scales 3
- Double performance head 3-5 axis 1
- Electronic suction hood for 3-axis head
- CSRS - Caterpillar Stack Routing System
- Minimal lubrication system through the spindle 2
- Perimeter enclosure
- CAD/CAM easy programming software

TECHNICAL FEATURES

Axis	X	Y	Z	C	A
Stroke	2/3/4/5/6/10 m	1,6/2/2,5/3 m	0,3/0,5/0,65 m	+/- 270°	+/- 120°
Speed	50 m/min		30 m/min	44 rpm	40 rpm
Spindle	From 15 kW up to 30 kW at 30.000 rpm max.				
CNC	Siemens, Heidenhain, Fanuc				
Tool change	From 12 to 60 positions, also with exchange arm				
Linear accuracy	≤ 0,009 mm/m for linear axes				
Rotary accuracy	+/- 12 arcsec for rotary axes				
Measurement system	Linear scales, 5 micron resolution				

ADVANCED TECHNOLOGIES

ADDITIVE MANUFACTURING

HYBRID PRODUCTION CNC CENTRES

Belotti Powered by Moi is the result of a strategic partnership between Belotti S.p.A. and Moi Composites S.r.l., **combining advanced CNC machining with thermoset composite additive manufacturing.**

Belotti Powered by Moi is a **range of hybrid CNC machining centres**, integrating Moi's SFM® additive technology with Belotti high-speed CNC milling within a single, unified production platform. Additive deposition of thermoset matrix composites and high-precision subtractive finishing can be performed in sequence, without part repositioning or external handling.

The SFM® technology can be deployed across the full range of Belotti gantry machining centres, enabling hybrid manufacturing on large and extra-large platforms. The integration can also be available as a **retrofitting option** on Belotti machining centres already in operation, enabling clients to upgrade existing technological assets and enhance the value of previous investments.

ULTRASONIC TECHNOLOGY

Cutting system for excellent surface finishes

Ultrasonic technology is particularly suitable for honeycomb and light alloys machining in the aerospace and automotive sectors.
The ultrasonic cutting system (20 kHz) can be installed on **Belotti FLA, FLU, MDL, SKY, and VEGA machining centres.**

Upon request, the machining centre can be equipped with two cutting heads: a head with screwed blade for vertical cutting, and a second cutting head with disc blade for surface finishes. Both can be stored in a dedicated tool changer during 5-axis milling operations.

WATERJET

Maximum versatility for different application fields and cutting geometries

The flexibility of waterjet cutting technology lends itself to the processing of multiple materials in all civil and industrial sectors.

Belotti's waterjet technology enables the machining of a wide range of materials with exceptional precision and speed, while its cold cutting process effectively eliminates deformation caused by thermal or mechanical stress.

The low scrap rate and minimal tool wear associated with this technology contribute to its high cost-effectiveness and reduced environmental impact.

In addition to composites, waterjet cutting system can be used for machining metal materials.
This system can be integrated into **Belotti FLA, MDL,** and **TRIM machining centres.**

SOFTWARE

MyB

The IoT platform for integrated and optimised machining centres management

Highly customisable through the activation of specific Modules, the platform allows to:

- Measure and optimise the productivity and durability of the machining centres.
- Enhance the overall value of the machinery and manage the interconnection with the factory environment.
- Guarantee constant and efficient support by Belotti Service.

The **MyB Suite** is compatible with major international IoT protocols, can be installed on machining centres with different numerical controls, and can be operated as a retrofit on existing machineries.

Extremely versatile, the platform is designed to meet the main needs in terms of production optimisation and durability performances for Belotti CNC centres over time. Moreover, it works with other machines using the following numerical controls: **Siemens, Heidenhain, Osai, Fanuc.**

MyB MODULES

bCollision Detect
The module to reduce and prevent collisions

bCare
The solution for a direct communication with Belotti Service

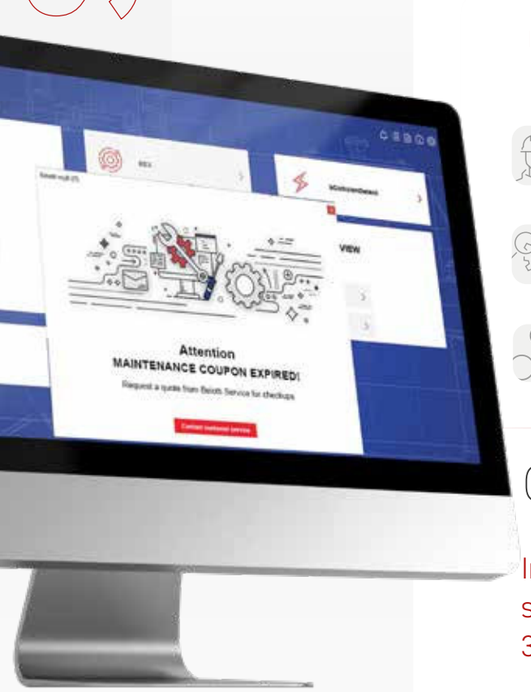
Barcode
The function for automatic program selection

BES
Belotti Equipment Supervisor for Industry 4.0

bView
A single interface for complex projects

bOpen
The software for interconnection

bUser
The software for operator-machine management



CAD | CAM

Internally developed plug-in to the CAD/CAM software, for easy programming of Belotti 3-axis centres

A powerful tool to manage 2D geometries and to implement varied and complex machining operations, even importing its own libraries into the program.

- Easy-programming operations.
- Programming time reduction up to 50%.
- Time reduction in forecast and analysis of cost/cycle-time.

SERVICE

BELOTTI SERVICE

Belotti Service is the after-sales department dedicated to providing comprehensive support to customers throughout the entire lifetime of a Belotti machining centre

CUSTOMER CARE

From the purchase to the entire lifetime of a Belotti CNC machining centre, the Belotti Service team provides prompt support to ensure maximum productivity through:

- **Free hotline and e-mail support**
- Tel. +39 035 4934403 - customercare@belotti.com
- **Remote support**
- **Field service**

The additional **Belotti Express** service guarantees the availability of a Belotti technician within 36 hours from the receipt of the official request.

PREVENTIVE MAINTENANCE

Preventive maintenance and services are planned to reduce inefficiencies and optimise machine costs over time.
Belotti offers three **preventive maintenance plans** (Compact – Classic – Excellent) conceived to guarantee the machining centre's performance over time in terms of precision and reliability.

SPARE PARTS

Belotti ensures wide availability and fast delivery of key spare parts worldwide, thanks to a well-stocked warehouse. All spare parts are original and certified.
The **B-Cloud** additional service ensures immediate availability of selected spare parts.

REPAIRS

Belotti provides repair services for machining centre components in the event of malfunctions due to aging or accidental events. The interventions are carried out by Belotti Service team, which is regularly trained in the latest technological innovations.

TRAININGS

Training sessions are organised with the aim of transferring high technical skills and operational autonomy to customers' operators in the short term.
The programs are modular and customised according to the needs of the customer.
Training days and technical advice are also offered to support customers during the start-up phases of a new production process involving new operations or new materials.

ELECTROSPINDLES OVERHAUL

Belotti offers diagnostic, overhaul, and repair services of the electrospindles assembled on Belotti machining centres.
The additional **B-Rapid** service is the special solution that minimises downtime caused by electrospindle failure.

UPGRADE & RETROFIT

Belotti designs and operates upgrade and retrofit on the machining centres to add value to the investment by:

- Increasing their productivity through the installation of additional components.
- Extending their service life through the adaptation of the equipment to current standards.

belotti.com

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