

Rover Gold 1232

Numerical control machining centres



 **BIESSE**

Rover Gold 1232

Compact with robust capabilities
The best of technology bundled together

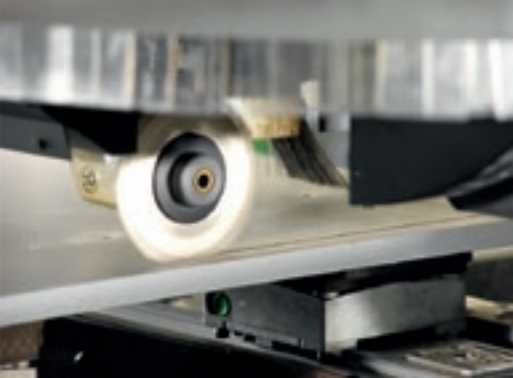
Rover Gold 1232 is the compact machining centre designed for high performances capable of meeting various levels of production requirements. It's the ideal machine for those who require a flexible and reliable solution.



Machining operations in total safety.

Rover Gold 1232

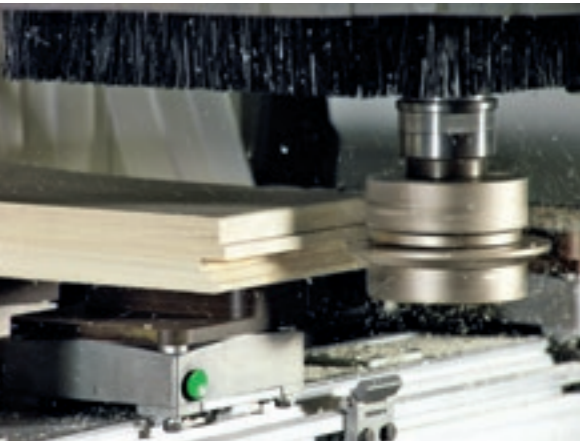
Strong on all machining operations



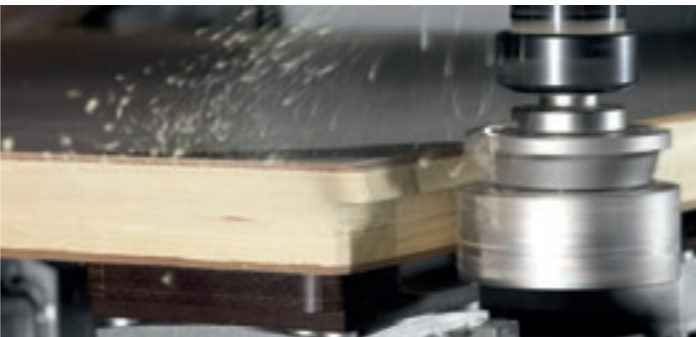
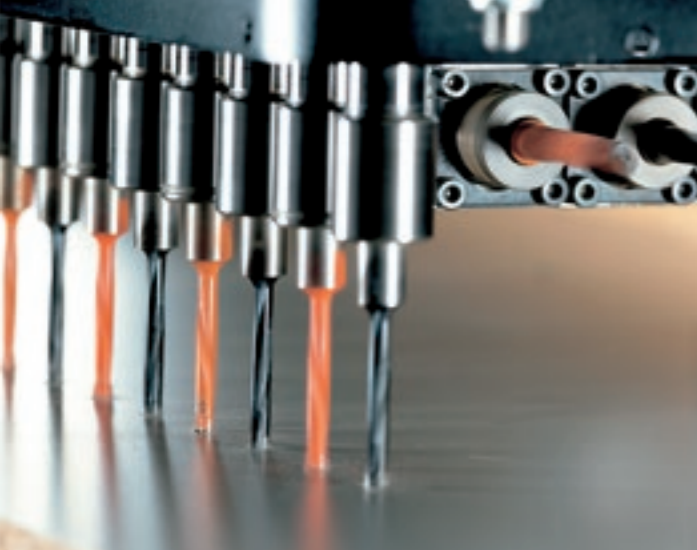
Machining of components for shop, office and housing furnitures.



Stair production

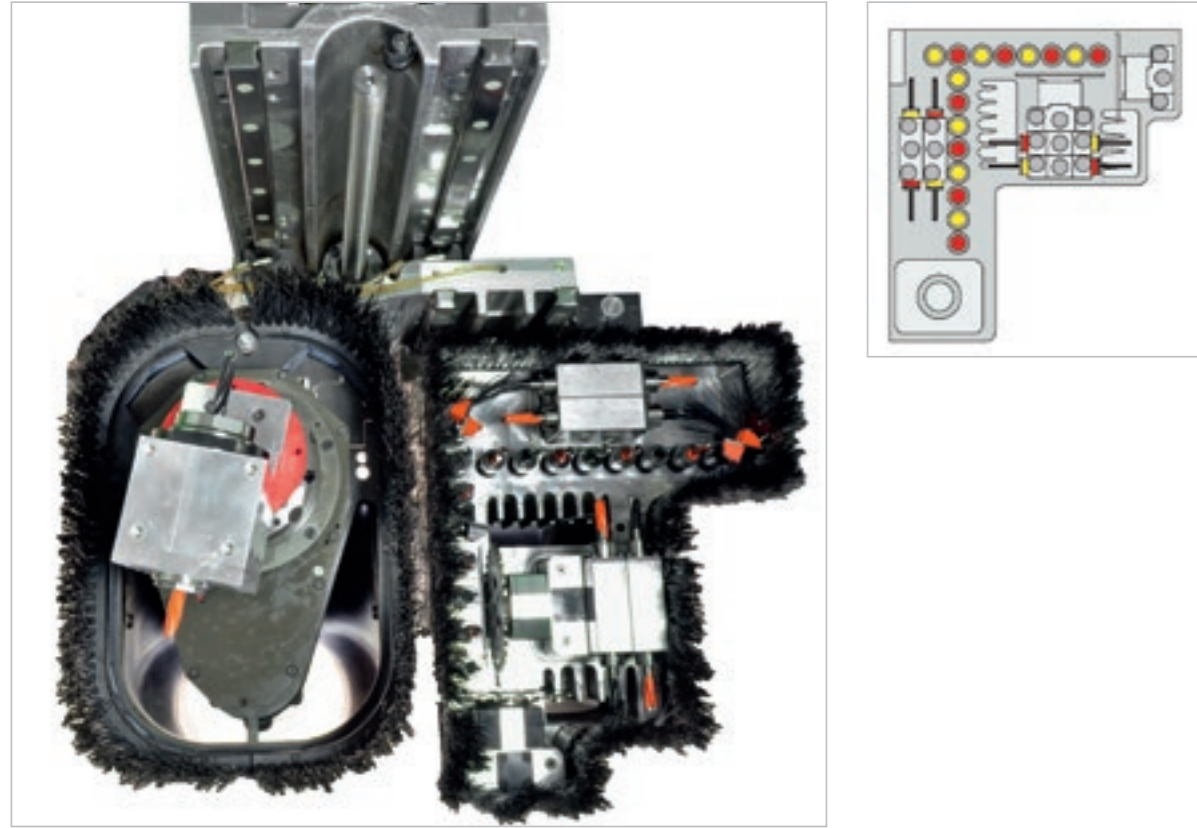


Machining of solid wood elements.

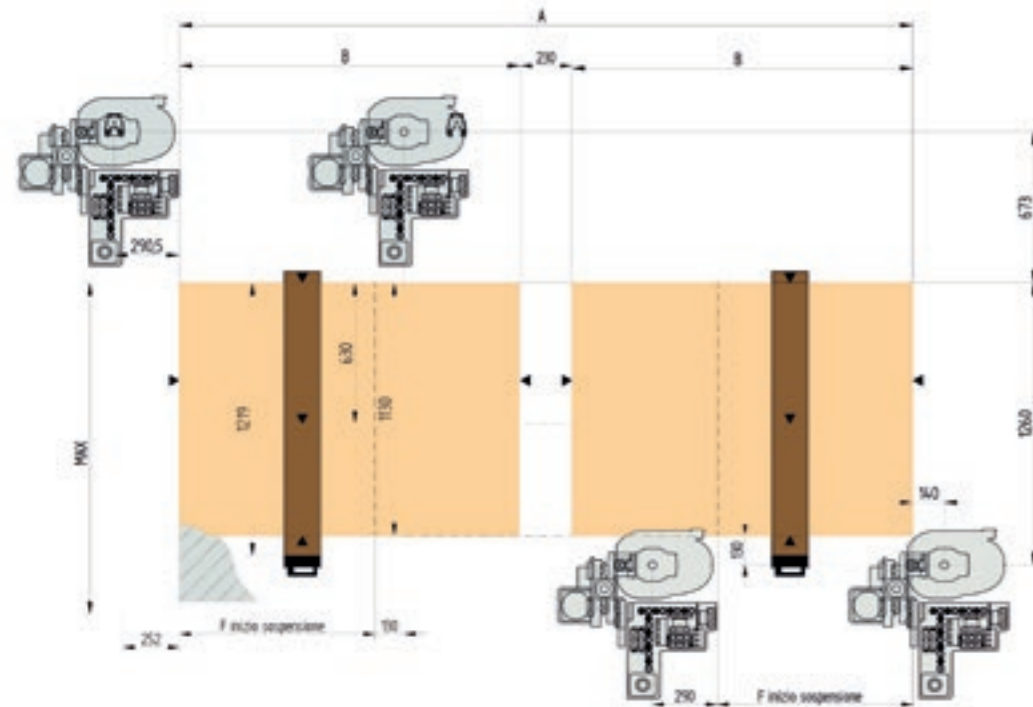


Rover Gold 1232

Operating unit configuration



13.2 kW electrospindle with BH 26 boring head equipped with 16 vertical / 8 horizontal drilling bits + 2 saw blades, one in X and one in Y direction.

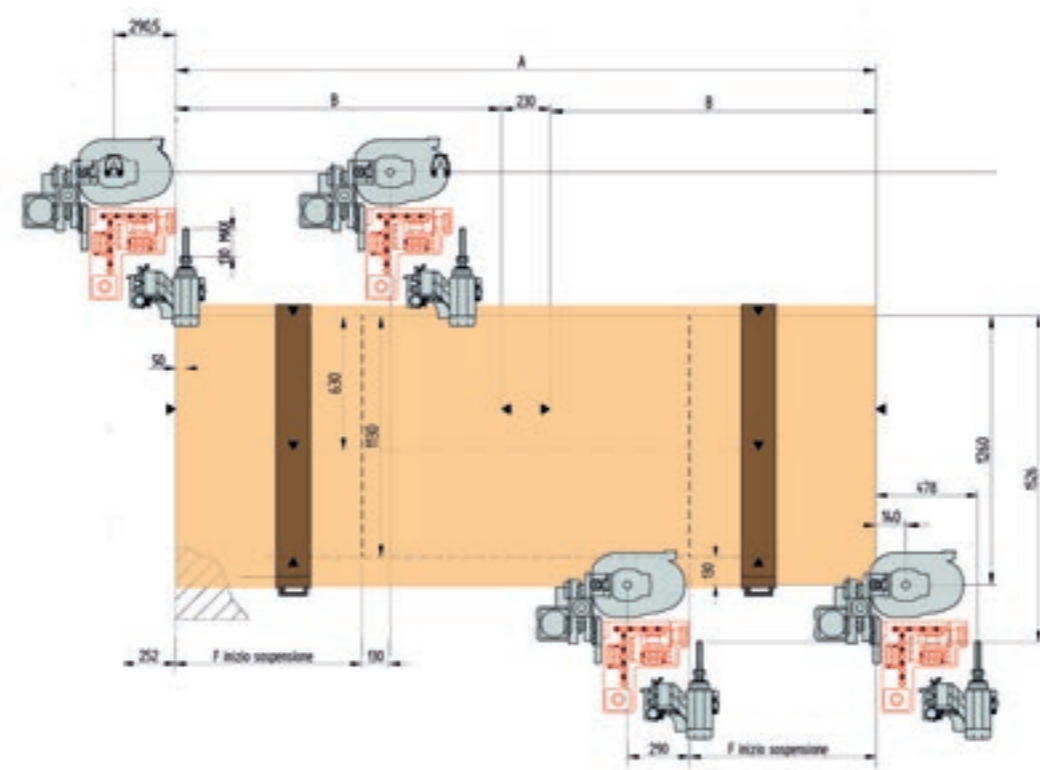


	A mm/inch	B mm/inch	F mm/inch (no suspension pendulum field)
Rover Gold 1232	3280/129.1	1525/60	875/34.4

Operating unit configuration with horizontal router

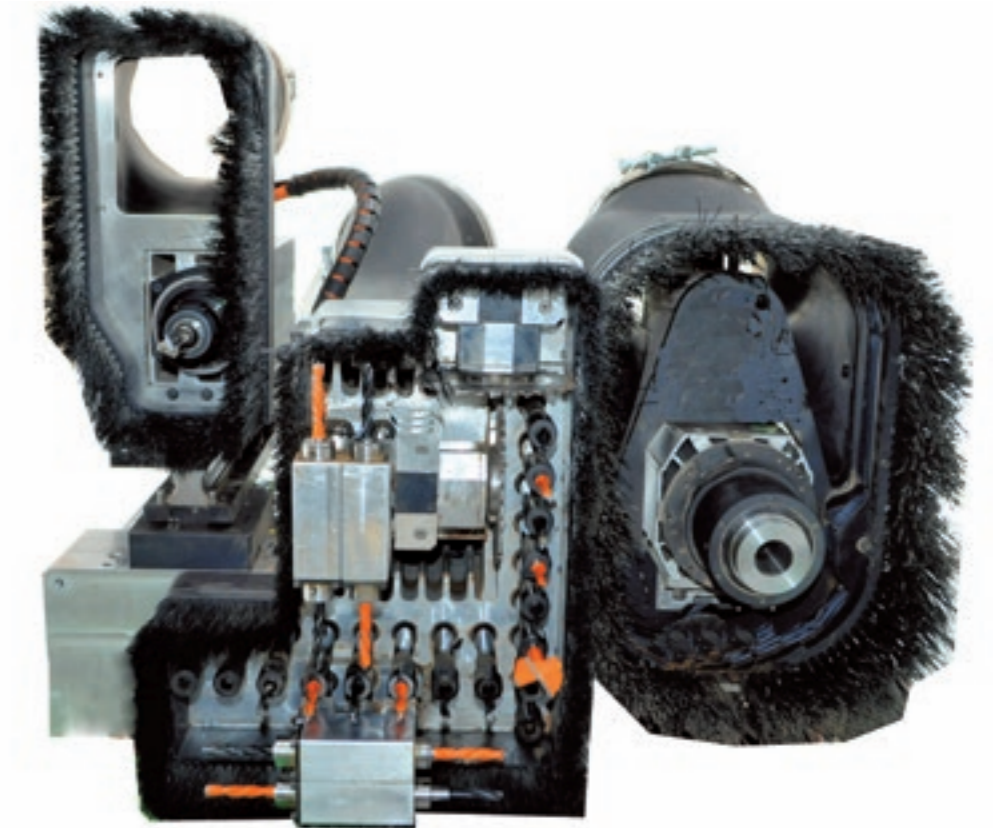


A powerful direct output horizontal electrospindle is available for fast and consistent pocketing.

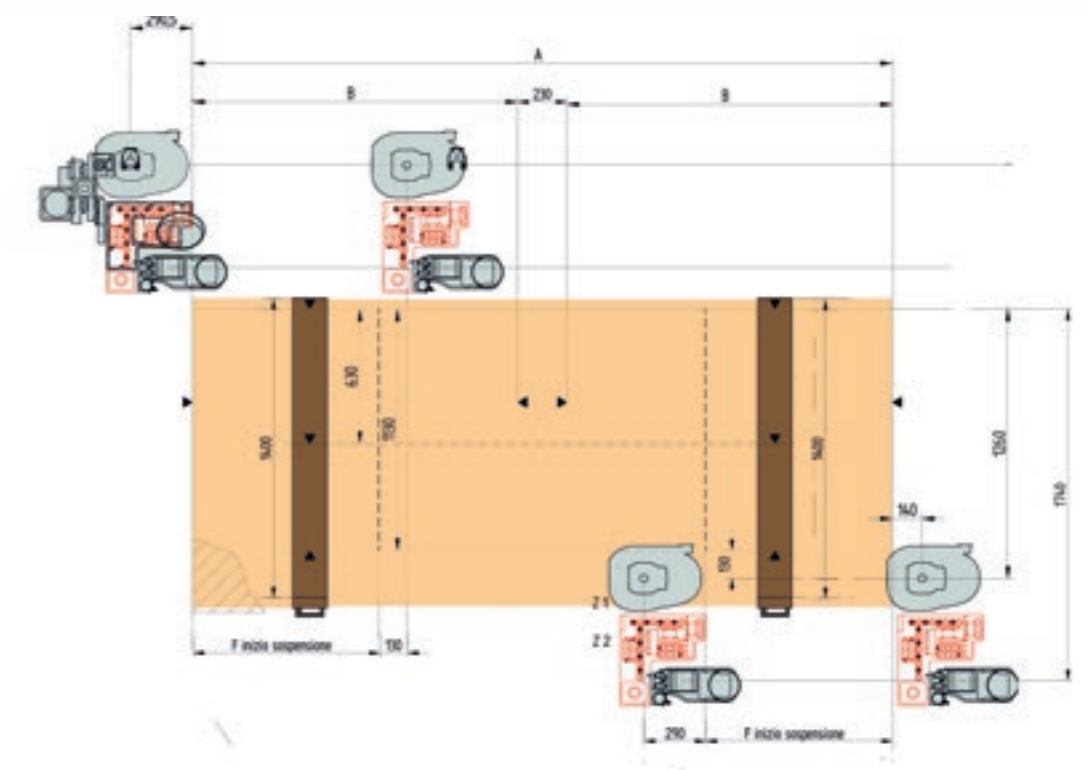


	A mm/inch	B mm/inch	F mm/inch (no suspension pendulum field)
Rover Gold 1232	3280/129.1	1525/60	875/34.4

Operating unit configuration with vertical router



Additional vertical router to assist routing up to 1740 mm on Y AXIS, suitable for processing 5' X 5' table tops in a single setup.



	A mm/inch	B mm/inch	F mm/inch (no suspension pendulum field)
Rover Gold 1232	3280/129.1	1525/60	875/34.4

Rover Gold 1232

Tool changers

Aggregates to carry out any type of machining operation

The most flexible work table



Revolving tool changer with 16 places. Installed on the X carriage, it allows to have tools and aggregates always available therefore reducing the tool change time.

The rack tool changer with 10 positions (optional) can house large tools and aggregates without limiting the machine working field in X. Combined with other magazines, increases the working flexibility of the machine.



ISO 30 or HSK F63 (optional) electrospindle, 13.2 kW.

Interpolating C axis with continuous rotation of the aggregate on 360° (optional).

ISO 30 HSK F63" Optional.

Optional aggregates



Optional.

The innovative ATS (Advanced Table setting-System) is the most advanced table design in the industry. ATS has a universal design for great flexibility and fast setup. ATS work table is covered by exclusive patents allowing for rapid locking of pieces of any shape and size, with a drastic reduction in setup time. The quick change coupling system guarantees fast, simple replacement of the vacuum units and Uniclamps used to lock narrow and particularly thick pieces.



1	2	1	4
1	2	1	8 270°
2	4	6	30°
3	7	6	80°
4	1	1	0 4 45°

The positions for the working area set up are displayed on the machine PC monitor.



Modules for vacuum locking system.

Uniclamp modules for pneumatic system (optional).

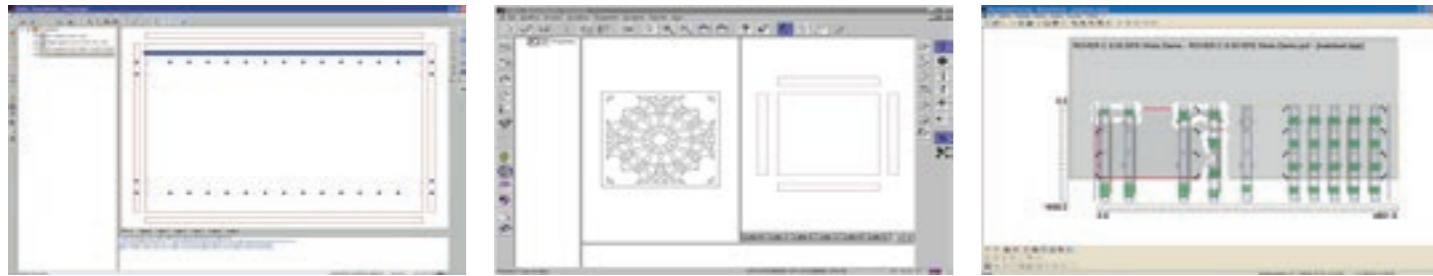
Rover Gold 1232

Simple and functional software



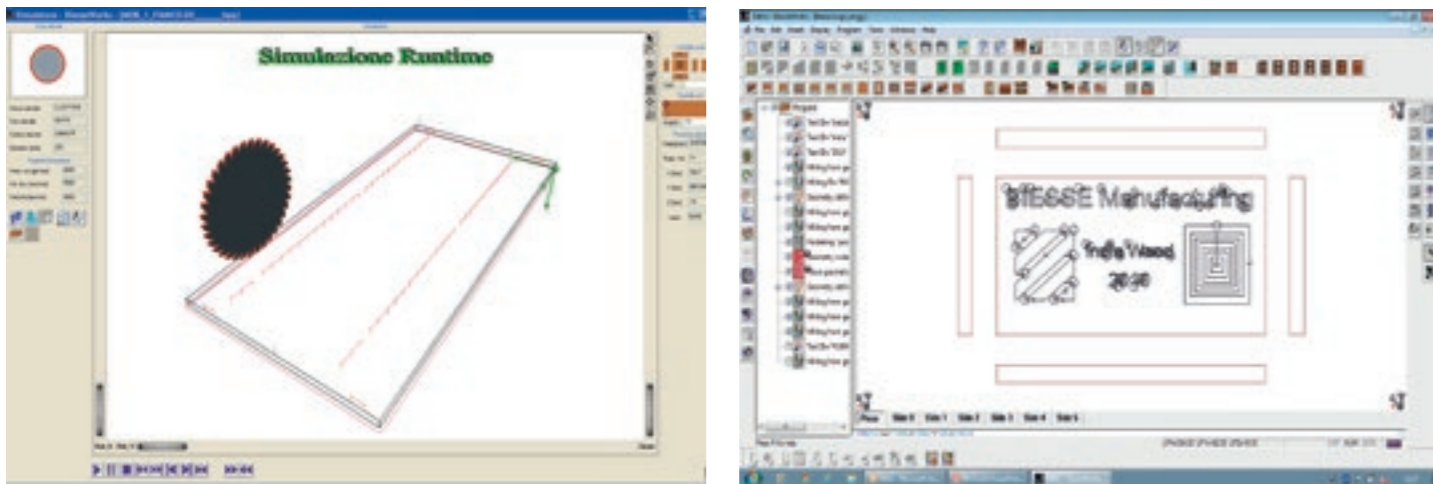
The BiesseWorks graphic interface makes full use of the operating methods typical of the Windows operating system:

- assisted graphic editor used to program machining operations;
- parametric programming and guided creation of parametric macros;
- import of CAD and other external software files in DXF and CID3 format.

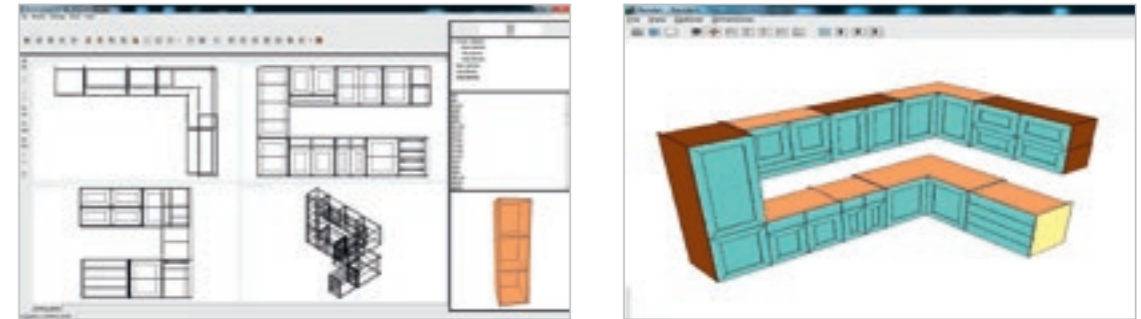


The BiesseWorks Advanced version (optional)

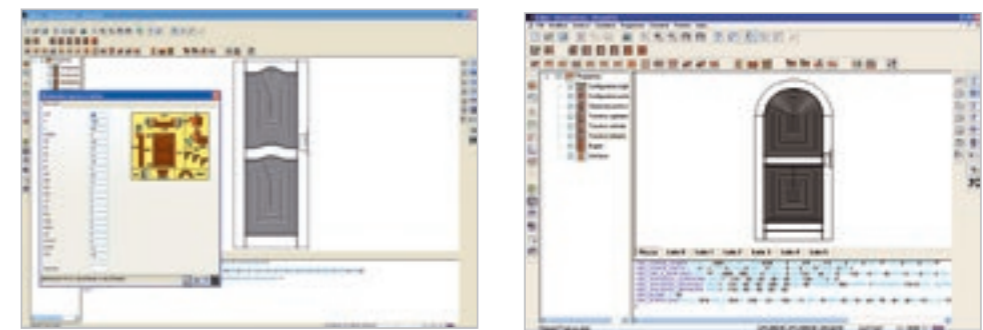
- 3D simulation of tool path
- indicative calculation of machining time
- ability to create rotated or circular virtual faces
- pocketing and text functions



Biesse CabinetEVO is the software solution for the design of the interior cabinet with several possibilities for the visualization of the project and all the required workings (optional).



BiesseDoor is the perfect solution for the parametric design of standard and special routed doors or door elements. This easy to use system provides an entry-level solution for designing and manufacturing doors on Biesse machining centres (optional).



Macros for the design of routed doors, core panel doors and door components.

Management of rectangular doors, high arch, low arch and trapezoid doors.

Rover Gold 1232

On the operator's side

Technical specifications



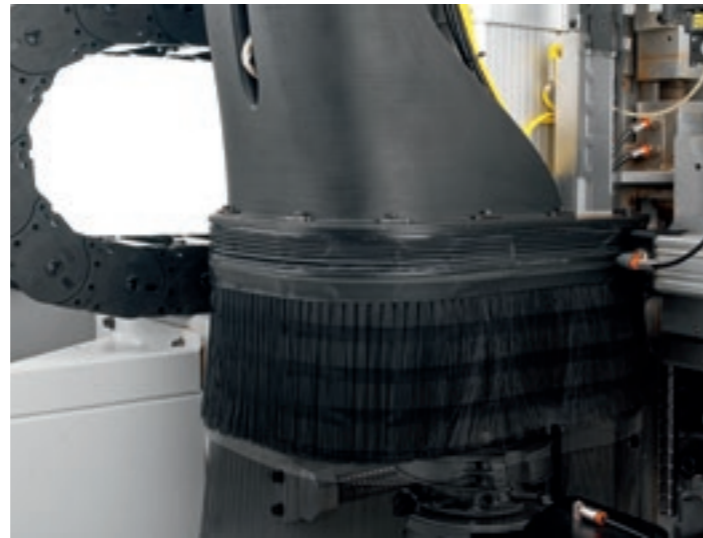
PC-based BH660 Numerical Control:

- Microsoft Windows operating system controlling the machine
- BiesseWorks user interface;
- axes real-time control;
- input/outputs management;
- real-time execution of machine logic;
- bar code reader ready;
- optional connection of a laser profile projector;
- specific machine function enabling buttons.

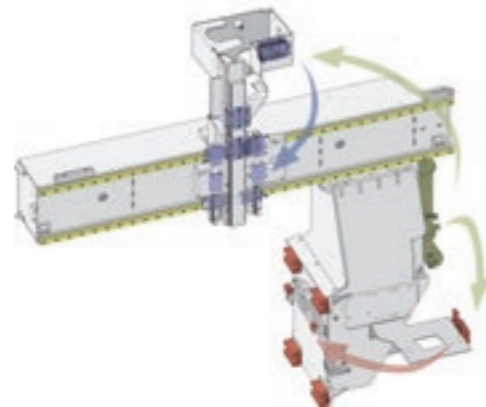
Ergonomic bollard for machine cycle start.



Key pad (optional) to manage the main machine functions like worktable set-up, axis speed, tooling lock/unlock, raising/lowering dust suction hood, raising/lowering of reference stops, start/stop/run programs and other important functions.



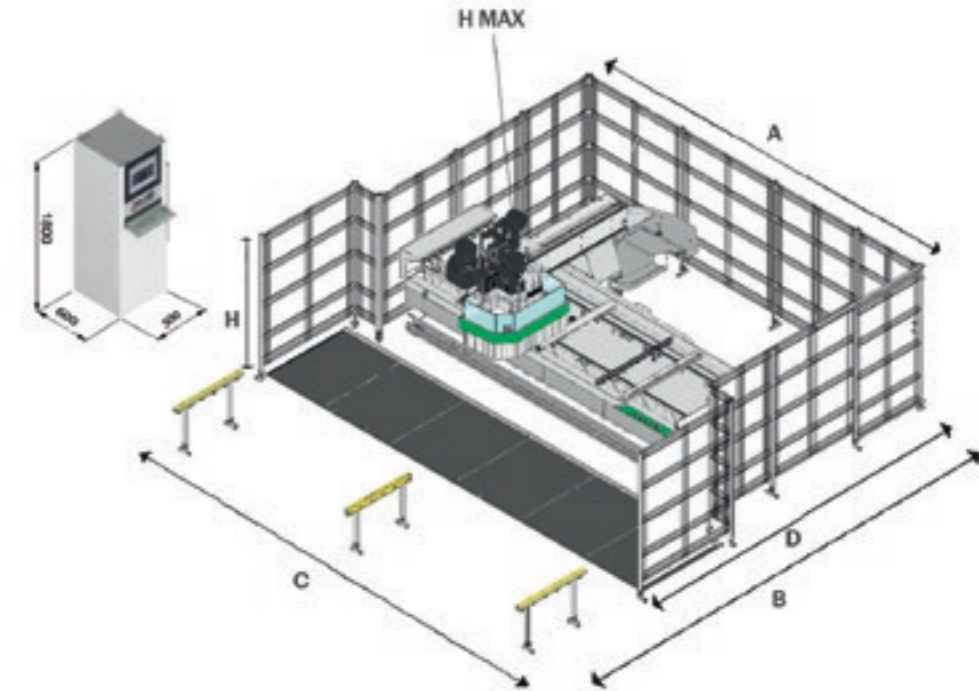
Dust suction hood adjustable to 5 positions from the NC.



Automatic lubrication system to reduce the need for maintenance by the operator.



Bar code scanner (optional).



	A	B	C	H	H MAX
	mm/inch	mm/inch	mm/inch	mm/inch	mm/inch
Rover Gold 1232	6080/239.3	4807/189.2	5837/229.8	1000/39.3	2430/95.6
Axes speed X/Y/Z	m/min 80/80/25			ft/min 263/263/82	

Tests were carried out in accordance with Regulations BS EN 848-3:2007, BS EN ISO 3746: 2009 (sound pressure) and BS EN ISO 11202: 2009 (sound pressure in the operator's working position) with run of panels. The noise levels given here are emission levels and do not necessarily represent safe working levels. Although there is a relationship between output levels and exposure levels, the output levels cannot be reliably used to determine whether additional precautions are necessary or not. The factors determining the noise levels to which the operative personnel is exposed, include the length of exposure, the characteristics of the work area, as well as other sources of dust and noise (i.e. the number of machines and processes concurrently operating in the vicinity), etc. In any case, the information supplied will help the user of the machine to better assess the danger and the risks involved.

Surface sound pressure level during machining in A (L _{pa}) on machine with rotary vanes vacuum pump	L _{pa} =79dB(A) L _{wa} =96dB(A)
Surface sound pressure level during machining in A (L _{pa}) and sound power level during machining in A (L _{wa}) on machine with rotary claw vacuum pump	L _{wa} =83dB(A) L _{wa} =100dB(A)
Measurement uncertainty	dB(A) 4



Thanks to a global network and a highly specialized team it offers a full range of after-sales services:

- Spare parts
- Technical support
- Tele-support
- Installation
- Maintenance
- Training
- Repair

Biesse Group's Service promotes, cultivates and develops closer and more constructive relationships with clients to get to know their requirements better, to create more value and to help improve the products and services it provides.



The Biesse Group operates in the production of machinery and systems for the wood, glass and stone working industries.

Starting right from its formation in 1969, the Biesse Group has stood out in world markets for its rapid growth and strong will to become a global partner for those companies belonging to its lines of business.

As a multinational company, the Biesse Group distributes its products through a network of 30 directly controlled subsidiaries and no fewer than 300 dealers and agents located in strategic markets enabling Biesse to cover more than 100 countries.

They guarantee specialized after-sales assistance to clients whilst at the same time carrying out market research in order to develop new products.

The constant drive for technological improvement, innovation and research has let Biesse develop modular solutions capable of meeting all the production requirements of its clients: from the design of turnkey plant for large industrials to single automated machines and work centres for small and medium enterprises and even down to the design and sale of single highly technological components.

The Biesse Group has over 2,800 employees and has production facilities in Italy and India with a total surface area of over 115.000 square metres.

The Biesse Group is made up of three divisions, each of which includes a productive unit concentrating on single product lines.

The Wood Division designs and produces woodworking machinery for companies processing furniture, doors and windows, and offers a wide range of solutions for the entire industrial production cycle of wood and its by-products.

The Glass and Stone Division produces machines for companies processing glass, stone and, more generally speaking, for different industries such as interior decoration, building and the automobile industry.

The Mechatronic Division designs and produces highly technological components both for the Group and for the world market.





Biesse in the World

BIESSE BRIANZA
Alzate Brianza (Como), Italy
Tel. +39 031 630773_Fax +39 031 632298
brianza.commerciale@biesse.com - www.biesse.com

BIESSE TRIVENETO
Codogné (Treviso), Italy
Tel. +39 0438 793711_Fax +39 0438 795722
triveneto.commerciale@biesse.com - www.biesse.com

BIESSE DEUTSCHLAND GMBH
Elchingen, Germany
Tel. +49 (0)7308 96060_Fax +49 (0)7308 960666
Loehne, Germany
Tel. +49 (0)5731 744870_Fax +49 (0)5731 744 8711
info@biesse.de - www.biesse.de

BIESSE FRANCE
Brignais, France
Tel. +33 (0)4 78 96 73 29_Fax +33 (0)4 78 96 73 30
commercial@biessefrance.fr - www.biessefrance.fr

BIESSE IBERICA WOODWORKING MACHINERY SL
L'Hospitalet de Llobregat, Barcelona, Spain
Tel. +34 (0)93 2631000_Fax +34 (0)93 2633802
biesse@biesse.es - www.biesse.com

BIESSE GROUP UK LTD.
Daventry, Northants, United Kingdom
Tel. +44 1327 300366_Fax +44 1327 705150
info@biesse.co.uk - www.biesse.co.uk

BIESSE SCANDINAVIA
Representative Office of Biesse S.p.A.
Jönköping, Sweden
Tel. +46 (0)36 150380_Fax +46 (0)36 150380
biesse.scandinavia@telia.com
Spare parts:
Lindås, Sweden
Tel. +46 (0)471 25170_Fax +46 (0)471 25107
spareparts@biesse.se - www.biesse.com

BIESSE AMERICA
Charlotte, North Carolina, USA
Tel. +1 877 8 BIESSE
Fax +1 704 357 3130
sales@biesseamerica.com - www.biesseamerica.com

BIESSE ASIA PTE. LTD.
Singapore
Tel. +65 6368 2632_Fax +65 6368 1969
mail@biesse-asia.com.sg

BIESSE CANADA
Headquarters & Showroom: Mirabel, QC, Canada
Sales Office & Showroom: Toronto, ON, Canada
Showroom: Vancouver, BC, Canada
Tel. +1 800 598 3202
Fax +1 450 437 2859
sales@biessecanada.com - www.biessecanada.com

PT. BIESSE INDONESIA
Tangerang, Indonesia
Tel. +62 21 53150568_Fax +62 21 53150572

BIESSE KOREA LLC
Gyunggido, Korea
Tel. +82 32 3298780_Fax +82 32 3298781

BIESSE MALAYSIA SDN BHD
Selangor Darul Ehsan, Malaysia
Tel. +60 3 61401556_Fax +60 3 61402556
biessekl@tm.net.my

BIESSE TRADING (SHANGHAI) CO. LTD.
Subsidiary Office of Biesse Asia Pte. Ltd.
Shanghai, China
Tel. +86 21 5767 0387_Fax +86 21 5767 0391
mail@biesse-china.com.cn - www.biesse.cn

BIESSE RUSSIA
Representative Office of Biesse S.p.A.
Moscow, Russia
Tel. +7 495 9565661_Fax +7 495 6623662
sales@biesse.ru - www.biesse.ru

BIESSE GROUP AUSTRALIA PTY LTD.
Head Office
Sydney, New South Wales, Australia
Tel. +61 (0)2 9609 5355_Fax +61 (0)2 9609 4291
nsw@biesseaustralia.com.au - www.biesse.com.au
Melbourne, Victoria, Australia
Tel. +61 (0)3 9314 8411_Fax +61 (0)3 9314 8511
vic@biesseaustralia.com.au
Brisbane, Queensland, Australia
Tel. +61 (0)7 3622 4111_Fax +61 (0)7 3622 4112
qld@biesseaustralia.com.au
Adelaide, South Australia, Australia
Tel. +61 (0)8 8297 3622_Fax +61 (0)8 8297 3122
sa@biesseaustralia.com.au
Perth, Western Australia, Australia
Tel. +61 (0)8 9303 4611_Fax +61 (0)8 9303 4622
wa@biesseaustralia.com.au

BIESSE GROUP NEW ZEALAND PTY LTD.
Auckland, New Zealand
Tel. +64 9 278 1870_Fax +64 9 278 1885
sales@biessenewzealand.co.nz

BIESSE SCHWEIZ GMBH
Kriens, Swiss
Tel. +41 (0)41 3990909_Fax +41 (0)41 399 09 18
info@biesse.ch - www.biesse.ch

BIESSE MIDDLE EAST
Jebel Ali Free Zone, Dubai, UAE
Tel. +971 48878533_Fax +971 48878534
biessemiddleeast@biesse.com - www.biesse.com

BIESSE PORTUGAL WMP
Sintra, Portugal
Tel. +351 255094027_Fax +351 219758231
biesse@biesse.pt - www.biesse.com

BIESSE MANUFACTURING COMPANY PVT LTD.
Head office
Bangalore, India
Tel. +91 80 49489801/2/3_Fax +91 80 49489810
sales@biessemfg.com - www.biessemanufacturing.com
Mumbai, India
Tel. +91 22 28702622_Fax +91 22 28701417
Noida, Uttar Pradesh, India
Tel. +91 120 428 0661/2_Fax +91 120 428 0663
Hyderabad, India
Tel. +91 9611196938 / +91 9700340612
Chennai, India
Tel. +91 9980566759 / +91 9443812286

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