



LIGNA 2019
HALL 11

EXHIBITION
GUIDE



AUTOMATION



INTEGRATE,
CONNECT,
DIGITISE.



BIESSE

AUTOMACTION

MAKING FACTORIES A BETTER PLACE TO LIVE.

DISCOVER THE FUTURE OF INDUSTRY 4.0: A STAND FEATURING 6,000 SQUARE METRES OF INNOVATION AWAITS YOU, WITH TECHNOLOGIES TO REVOLUTIONISE THE WAY WE CONCEIVE THE FACTORY OF TOMORROW, STARTING TODAY.

Guided by the concept of Automaction, Biesse confirms and further strengthens the bond between man and robot. Connectivity is an invaluable tool in ensuring the performance and productivity of machines and systems, and enables companies to benefit from information and data regarding the technologies being used.

6000

Square meters

49

Technologies
on exhibition

LIVE LIGNA 2019
BIESSE.COM/LIGNA

7

Robotically
Operating System

300

Experts
at your disposal

SHARE THE EXPERIENCE
[#BiesseNow](https://twitter.com/BiesseNow)

SYSTEMS

MADE-TO-MEASURE SOLUTIONS FOR SMART FACTORIES.

Discover further integrated lines and robotised cells which offer incomparable levels of customisation, modularity and flexibility for your systems, fundamental requirements for contemporary production.



TESTIMONIALS IN AUTOMACTION

Three automated process solutions first hand, from the raw materials to the finished product, for the creation of a production process that is fully automated and interconnected.

LAGO

LAGO

Lago products are fresh and exciting, and embrace the interaction between business and art, the fruit of continuing research into sustainable development.

CUBO
DESIGN

CUBODESIGN

For fifty years the Binova kitchen collections have combined the elegance of design with the artisan quality of the single detail.

BMT
ITALIAN CUSTOM BATHROOM

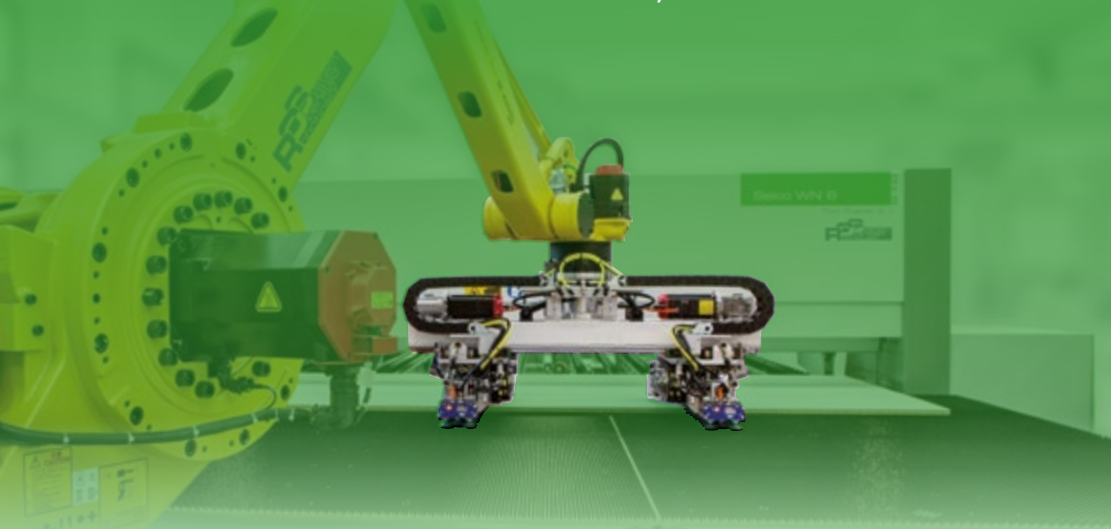
BMT BAGNI

BMT Bagni for over 40 years combines the artisanship and practicality of tailor-made products with new technology, which is increasingly needed to remain competitive.



ROS ROBOTICALLY OPERATING SYSTEM

ROBOTISED SOLUTION SEAMLESSLY INTEGRATED WITH SANDING MACHINES THAT INCREASE EFFICIENCY AND PRODUCTION CONTINUITY, FACILITATING THE DAILY WORK.



- ROVER B FT
- ROVER B EDGE
- SELCO WN 6

ROVER NEW FPS TABLES.

The Rover machining centre are always at the top in terms of reliability: it is now enhanced even further thanks to the new FPS tables that improve speed and productivity.

- VIET OPERA R2
- BREMA EKO 2.2
- SORTER

ROVER A EDGE 12/15 MANUFACTURING SHAPED AND EDGEBANDED PANELS WITH A SINGLE MACHINE.

Discover Rover A Edge, the edgebanding machining centre that supports the machining of shaped panels, which can be edgebanded on a single, compact, high performance machine.



AKRON 1100 EDGE-BANDING STARTS HERE.

Akron 1100 is the smallest single-sided edgebanding machine in the range, meant for small producers who need to modernise their technology or for woodworkers who wish to automate production.



ZERO JOINT INVISIBLE EDGE-BANDING.

Highest quality: no joints and no glue line, in perfect harmony with the panel.

Ray Force System

THE NEW FRONTIER IN SHAPED EDGE-BANDING. Its revolutionary nature is based on an incomparable technique which uses infrared lamps to fuse a reactive layer.



Air Force System

EXCELLENT PRODUCT QUALITY AND TOTAL FLEXIBILITY. Air Force System is a device for applying the laser edgebanding strip by means of hot compressed air.

HOUSING GET A CLOSE-UP VIEW OF TECHNOLOGIES DEDICATED TO THE CONSTRUCTION WORLD.

Alongside the Uniteam E-MIX, a machining centre specifically designed for CLT machining, LIGNA will also see the debut of the Uniteam RC, a new entry-level machining centre for beams and partitions for creating prefabricated panels and frame structures.



UNITEAM E-MIX



UNITEAM RC

CNC

- 01 Rover A Edge 12/15 with Synchro
- 02 Rover A 12/15
- 03 Rover A FT
- 04 Rover B FT with Winstore K1 and Robot
- 05 Rover B Edge with Kuka
- 06 Rover C
- 07 Rover K FT
- 08 Rover S FT with Winstore X3
- 09 Uniteam E-MIX
- 10 Uniteam RC
- 11 Winline 16

PANEL SAWS

- 12 Selco WN 2 with Winner W4
- 13 Selco SK 3

FLEXIBLE PANEL SAWS

- 14 Selco WN 6 ROS with Winstore K1
- 15 Nextstep with Winstore K2

EDGEBANDING MACHINES

- 16 Akron 1120
- 17 Akron 1130
- 18 Akron 1330
- 19 Akron 144 0
- 20 Stream A Smart
- 21 Stream A with Winner W4
- 22 Stream B MDS with Winner W1
- 23 Stream B MDS in integrated cell

SANDING MACHINES

- 24 Opera 5
- 25 Opera 7
- 26 Opera R2 ROS

BORING MACHINES

- 27 Brema Eko 2.1
- 28 Brema Vektor 15 CS
- 29 Brema Eko 2.2 with Robot
- 30 Insider M

SYSTEM/HANDLING

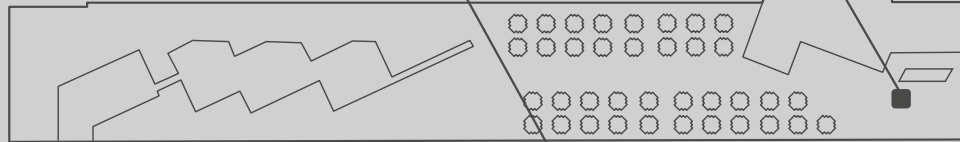
- 31 Winstore K1
- 32 Winstore K2
- 33 Winstore X3
- 34 Winner loading
- 35 Winner unloading
- 36 Winner single
- 37 Winner W4 with Nextstep
- 38 Winner W4 with Stream
- 39 Winner W4 with Selco

ENTRANCE
FROM HALL 14

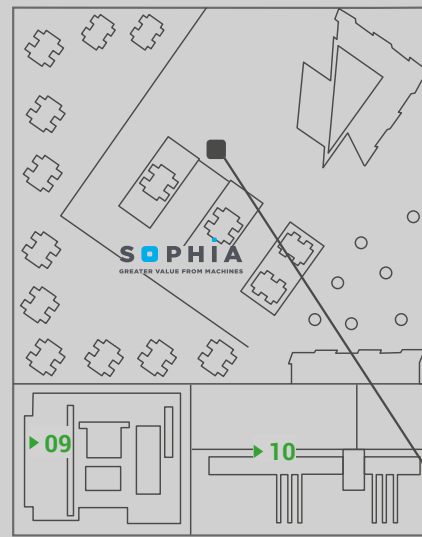
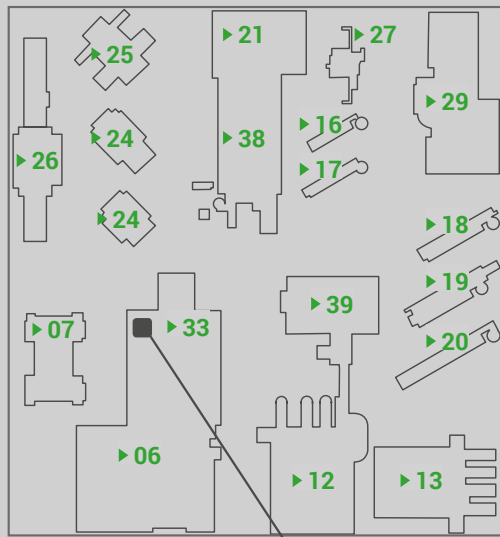
CUBO
DESIGN

TESTIMONIAL
IN AUTOMATION

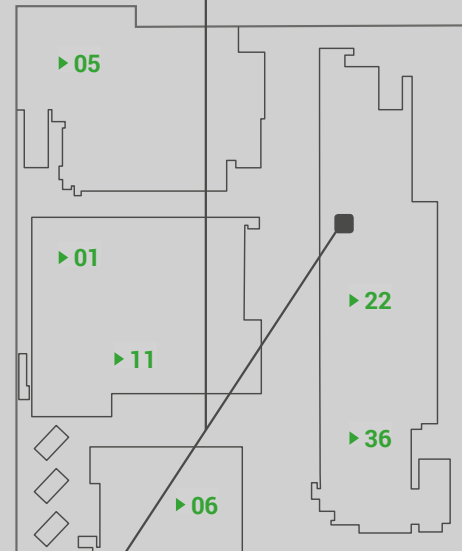
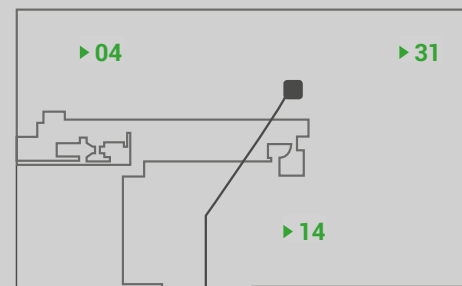
BUSINESS LOUNGE



RECEPTION



DIGITAL HUB
(FOCUS ON PAGE 8)



LAGO
TESTIMONIAL
IN AUTOMATION

ENTRANCE
FROM HALL 12

BMT
ITALIAN CUSTOM BATHROOM

TESTIMONIAL
IN AUTOMATION

DIGITAL HUB

POWERFUL SOFTWARE, DIGITAL SOLUTIONS AND MADE-TO-MEASURE SYSTEMS AND SERVICES THE HEART OF SMART FACTORIES.

The home to the most advanced digital solutions, accompanied by advanced services for an integrated digital manufacturing.



SYSTEMS
SOFTWARE
SERVICES
SOPHIA
GREATER VALUE FROM MACHINES

ULM CAMPUS

GRAND OPENING CEREMONY
24/26 OCTOBER 2019

THE BRAND NEW BIESSE HOME IN GERMANY

2.500
CAMPUS SQM

20
MACHINES DISPLAYED
IN THE SHOWROOM

3.500
MACHINES INSTALLED
IN GERMANY SO FAR

1997
FIRST SUBSIDIARY
IN GERMANY



13 CAMPUSES
WORLDWIDE
+30 SHOWROOMS



1969 **50 YEARS** 2019

IT'S THE FUTURE THAT MAKES HISTORY.

2019 MARKS BIESSE'S 50TH ANNIVERSARY, AND LIGNA IS THE MOST IMPORTANT STEP OF THE FUTURE ON TOUR - THE PROGRAMME OF EVENTS TO CELEBRATE WITH OUR CUSTOMERS AROUND THE WORLD.

FIFTY YEARS COCKTAIL LIVE THE EXPERIENCE

27-28-29 MAY - H. 18.30

Biesse will be dedicating its anniversary to man's creativity and the technical abilities of the machine: a relationship that puts technological power at the service of the human being, exalting its spirit by means of understanding.

IL SUONO NASCOSTO THE HIDDEN SOUND

This is Il Suono Nascosto, a research project focused on the sound of Biesse, which highlights the relationship between man and technology, and is designed to reveal the "hidden/emotional" side of machines. Each individual movement of the machine has been singled out by more than 30 microphones and extrapolated from the preparation and machining phases.

 **BIESSEGROUP**

Ready, It's Tomorrow.

People and machines speaking the same language.

Non-stop research and innovation that defines the language of tomorrow, keeping complete harmony between ingenuity and technology. Through the **ALPHABYTE**, Biesse explores the boundaries of the future, giving a name to new challenges.

#ReadyItsTomorrow

make

At Ligna, Make comes with a new headline and refined, modern graphics, ready to celebrate the history of the Group and imagine the future.

CINQUANTA, intentionally in Italian, is the keyword connecting this exciting journey, through customer stories looking ahead and contributions from experts, engineers, architects and designers who today are shaping tomorrow.



Grab your copy at the Biesse stand or read it online on biessegroup.com/make

DEALERS



SELECTED PARTNERS



PREMIUM PARTNERS



SHARE THE EXPERIENCE!
#BIESSENOW

BIESSE.COM/LIGNA