

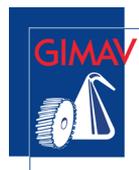
ITALIA

AT GLASSBUILD 2019

GLOBAL
LEADERSHIP.
ITALIAN
CRAFTSMANSHIP.

SEPTEMBER 17TH – 19TH

HALL B / Booth #2835
ATLANTA, Georgia World Congress Center



ITA - ITALIAN TRADE AGENCY

1300 Post Oak Blvd. Suite 775 Houston, TX 77056
Tel: +1 (281) 888-4288 / Fax: +1 (281) 974-3100
Email: houston@ice.it
Director: Antonietta Baccanari



BOOTH #2835

ITA - Italian Trade Agency is the Governmental agency that supports the business development of our companies abroad and promotes the attraction of foreign investment in Italy. With a motivated and modern organization and a widespread network of overseas offices, ITA provides information, assistance, consulting, promotion and training to Italian small and medium-sized businesses. Using the most modern multi-channel promotion and communication tools, it acts to assert the excellence of Made in Italy in the world.

GIMAV

Via Petitti, 16 - 20149 Milano (MI) Italy
Tel: +39 02 33006099 / Fax: +39 02 33005630
Email: gimav@gimav.it / Web: www.gimav.it
Contact: Laura Biason



BOOTH #2835

Established in 1980, GIMAV – the Association of Italian Manufacturers of Machinery, Plants and Systems, special Products and Accessories for glass processing – is known today as a guiding force for the industry in Italy and abroad. Its underlying goals are to safeguard the best interests of the industry, to foster the growth and expansion of its business culture, and to carry out activities that boost and support the promotion of Made in Italy culture in the glass industry around the globe.

ITALIAN GLASS INDUSTRY DATA

Sector Sale
1,413 billion €



Exports



Domestic orders



Foreign orders



Workforce



#1 EXPORT MARKET: USA



share for
the entire Sector



share for
Flat Glass Export



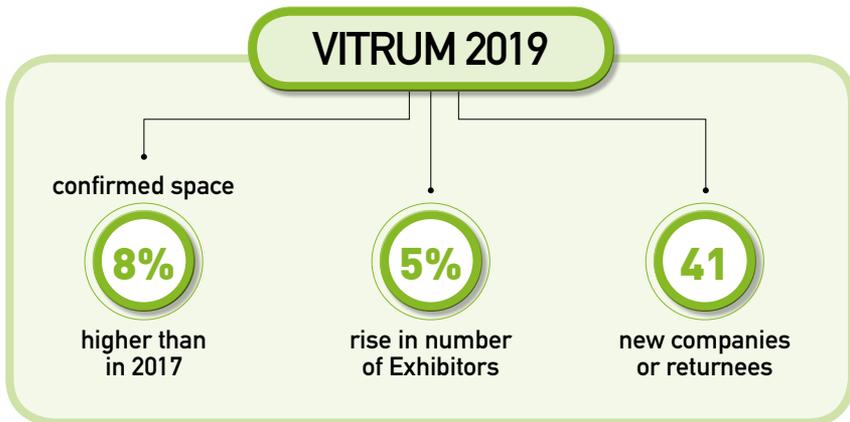
VITRUM

Via Petitti, 16 - 20149 Milano (MI) Italy
Tel: +39 02 33006099 / Fax: +39 02 33005630
Email: vitrum@vitrum-milano.it
Web: www.vitrum-milano.it Contact: Laura Biason



BOOTH #2835

After the successful 2017 Edition, Vitrum – the International trade fair for machinery, equipment and systems for the processing of flat and hollow glass, glass and finished products for the industry - will be back at Rho Fiera Milano fairground in 2019 from 1st to 4th October. Vitrum will put together the best of the industry and will showcase it to the international audience. Twelve “Vitrum specialized” will focus on specific topics. Join us at Vitrum 2019 to discover the latest innovations and technologies.





**1/4 October
2019 fieramilano rho**

**TAKE
YOUR GLASS
BUSINESS
TO THE
NEXT LEVEL**



www.vitrum-milano.com

ITALIAN PAVILION

2749



LATTUADA
NORTH AMERICA



ADELIO LATTUADA
EVOLUTION OF GLASS WORKING
Since 1950

2853

**BOVONE
GROUP**

3053



Besana
USA

2944



BOTTERO

3049



VIAOLI

3148



Rollmac

2745



Microtech

2844



PITAGORAS

3045



CUGHER
Hard to get easy to get

2737



MACOTEC
ACCURACY BY TECHNOLOGY

3040



SCHIATTI
ANGELO
TRADITION, EXPERIENCE, INNOVATION



5th
Anniversary

3035



ADI
INDUSTRIAL DIAMOND APPLICATION



IGP
TOOL ACCESSORIES AND SERVICE
SURFACES GROUP

2735



OPTIMA
25 YEARS
INNOVATION
Bringing the glass industry solutions

2835



ITCA
ITALIAN TRADE AGENCY

2935



TRIULZI
NORTH AMERICA

GLASSBUILD 2019

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ITALIAN COMPANY PRODUCT INDEX

BEVELING MACHINES

ADELIO LATTUADA
BESANA
BOTTERO
BOVONE
SCHIATTI ANGELO

CUTTING MACHINES

BOTTERO
MACOTEC

DIAMOND TOOLS/ TOOLS & ACCESSORIES

ADELIO LATTUADA
ADI-IGP
BESANA
BOVONE
MOLE MORESCHI
TYROLIT VINCENT

DRILLING MACHINES

ADELIO LATTUADA
BESANA
BOTTERO
SCHIATTI ANGELO

ENGRAVING

BOTTERO

FLAT GLASS PRODUCTION MACHINERY

BESANA
CUGHER
ROLLMAC
TRIULZI

HANDLING AND STORAGE

BOTTERO
CUGHER
ITALCARRELLI
MACOTEC
SCHIATTI ANGELO
TRIULZI

HEAT PROCESSES SPECIAL PROCESSES

CUGHER

HOLLOW GLASS PROCESSING AND FINISHING TECHNIQUES

ADI-IGP

ITALIAN COMPANY PRODUCT INDEX

INSULATING GLASS SEALED UNIT PRODUCTION

TRIULZI

LAMINATED GLASS PLANTS

BOVONE

TRIULZI

MIRROR MAKING AND SILVERING

BOVONE

MISCELLANEOUS MACHINERY

ADELIO LATTUADA

BESANA

BOTTERO

CUGHER

SCHIATTI ANGELO

ROBOTIC SYSTEMS

ADELIO LATTUADA

BOVONE

SCHIATTI ANGELO

SOFTWARE

CUGHER

OPTIMA

WASHING/DRYING MACHINES

ADELIO LATTUADA

BESANA

BOVONE

TRIULZI

BOOTH #2749

PRODUCT CATEGORIES

Beveling machines, Washing/Drying Machines, Robotic Systems, Diamond tools/Other tools and accessories, Drilling machines, Miscellaneous Machinery

Discover Lattuada Robotic Solution, 2018 winner of the USGlass Readers' Choice Award: innovative, flexible and high-performance robotic application for our edgers. Strong points: automatic/integrated online-measuring of the glasses, automatic speed adjustment according to the glass size, continuous production for a higher productivity, possibility to turn the glass 90°/180°. Brand-new Lattuada A-WR System: automatic spindle cleaning procedure; automatic positioning for the wheels change; manual increase/decrease of the spindle position (accuracy 0.01 mm); automatic positioning onsetpoint; automatic plays recovery; automatic "zero wheels" procedure without glass; wheels wear warning; spindle problems/STOPS warning; manual unlocking for any situation. Michela and Nicola Lattuada with Joe Gates and Sergio Tavera (new western states salesman for Lattuada NA) will welcome you.

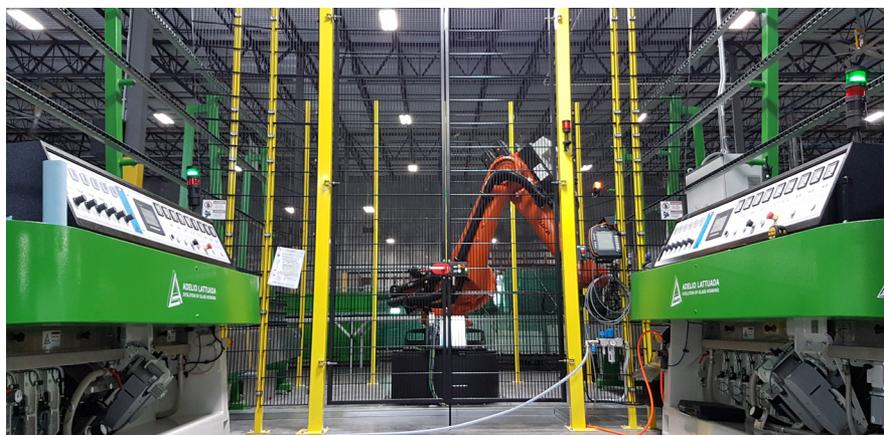


ADELIO LATTUADA

Via Abbondanza, 11/13
22070 Carbonate (CO) Italy
Tel: +39 0331 832713
Fax: +39 0331 833886
Email: info@adeliolattuada.com
Web: www.adeliolattuada.com
Contact: Nicola Lattuada

LATTUADA NORTH AMERICA

6967 Wales Road, Suite F
Northwood (OH) 43619
Web: www.lattuada-na.com
Tel: +1 (567) 249-4486
Email: info@lattuada-na.com
Contact: Joseph Gates



BOOTH #3035

PRODUCT CATEGORIES

Diamond tools /Other tools and accessories,
Hollow Glass Processing and Finishing
Techniques

ADI will present the innovative scratch removal system by GLASSRENU of which ADI is the worldwide exclusive distributor. The system offers a possibility to repair expensive glass pieces on site; it can be used as graffiti and stain removal as well. For the CNC, Automotive and straight / double edger ADI presents a full range of Ultra High Speed products which will enhance productivity and will reduce the Total Cost of Ownership. In addition, ADI will display the complete range of tools and accessories for a total service to the customer.

ADI
INDUSTRIAL DIAMOND APPLICATION

IGP
TOOLS, ACCESSORIES AND SERVICE

ADI

Via Dell'Economia, 12/16
36016 Thiene (VI) Italy
Tel: +39 0445 360244
Fax: +39 0445 366862
Email: info@aditools.com
Web: www.aditools.com
Contact: Lorenza Dal Maso

IGP

1477 Connelly Springs Road
Lenoir, NC 28645
Tel: (828) 728-5338
Email: sales@igptools.com
Web: www.igptools.com
Contact: David Craig Osborne



BOOTH #3053

PRODUCT CATEGORIES

Beveling machines, Washing/Drying Machines,
Diamond tools/Other tools and accessories,
Drilling machines, Miscellaneous Machinery,
Flat Glass Production Machinery

Besana, a name that has always meant glass machinery, is renewed. Maintaining the values that have always distinguished our brand, being at the forefront of the application of technology to guarantee the best quality, without compromise, these are our goals. Besana produces Double edgers, straight edgers and drilling machines following 3 simple principles. **Robustness:** Sturdy steel structures coated with anti-rust treatments and stainless steel, made to last over time despite intense use, together with high-quality, long-lasting components. **Reliability:** Machines designed to work in the most extreme conditions, while maintenance is made in a simple and fast way. **Quality:** Besana machines allow to perform extremely precise grinding and drilling, even after many years of use. Besana, tough since 1917.



CMB BESANA

Via per Mombello, 34
21033 Cittiglio, (VA) Italy
Tel: +39 0332 626 090
Email: g.gramaglia@cmbesana.com
Web: www.cmbesana.com
Contact: Gino S. Gramaglia

BESANA USA

4112 W. Old US 421 Highway
Hamptonville, NC 27020
Tel: +1 (336) 768-5504
Email: april@besana-usa.com



BOOTH #2944

PRODUCT CATEGORIES

Beveling machines, Cutting machines, Drilling machines, Handling and storage, Engraving, Miscellaneous Machinery

Bottero has been leading the flat glass industry for more than 60 years, for float and laminated glass technologies, helping to shape one of the most beautiful and useful materials in the world. Its unique qualities, combined with the passion for technology and innovation, guide us in seeking for more advanced and more effective solutions to improve and expand its use. With more than 200 glass production equipment and more than 20.000 processing machines around the world for float, patterned, solar, coated glass, Bottero is the unmissable partner for everyone who had, is, or will cut a piece of glass. The range of products of Bottero in cutting is the widest and deepest available today.



BOTTERO

Via Genova, 82
12100 Cuneo (CN) Italy
Tel: +39 0171 310611
Fax: +39 0171 401611
Email: bottero@bottero.com
Web: www.bottero.com

BOTTERO USA

257 Gretas Way, Suite 100
Kernersville, NC 27284
Tel: +1 (336) 992-5623
Fax: +1 (336) 992-5624
Contact: Fulvio Toma
Email: fulvio.toma@bottero.com
Tel: +39 348 3456979
Tel: +1 (336) 804-1171



BOOTH #2853

PRODUCT CATEGORIES

Beveling machines, Washing/Drying Machines, Robotic systems, Diamond tools/Other tools and accessories, Laminated glass plants, Mirror - Making and Silvering

Bovone Group is one of the leading companies in the construction of stand-alone machines and full line plants for the second processing of flat glass. The GBA 2019 edition will be the occasion to consolidate the market positioning as a brand oriented to the resolution of advanced industrial problems.

On the machine side, this translates into high customization of the offer. On the plant side, Bovone Group focuses on the high degree of versatility: the laminating lines are latest generation systems. Receptive to any business requirements of the market and to the search for automation to increase productivity, Bovone Group has enlarged its range of products offering also BRS: Boone Robotic Systems. The robots can be supplied as stand alone, integrated to existing

BOVONE GROUP

ELETTROMECCANICA BOVONE

Via Molare, 23/c
15076 Ovada (AL) Italy
Tel: +39 0143 837511
Email: sales@bovone.com
Web: www.bovone.com
Contact: Massimo Arata

edging machines or sold as customized islands with nr 2 machines and nr 2 robots to match and satisfy any customer's need. The BRS Bovone Robotic System is now Patent pending. At Bovone's booth n. 2853 – Italian Pavilion other than the BRS Island with 2 ELB 14 mitring edger, you will be able to get all the information about the NEW OVEN FOR SENTRY GLASS AND PVB to be installed on any kind of laminating line.



BOOTH #3045

PRODUCT CATEGORIES

Software, Heat processes/Special Processes,
Handling and storage, Miscellaneous Machinery,
Flat Glass Production Machinery

Cugher has been studying, developing, designing and building technologically advanced solutions for silk screen printing for over 50 years. The production, based on high-level resources both on technological and human side, includes stand-alone machines and full line systems. These two areas cover silk screen printing machines, ovens (IR, UV or combined) which can also be integrated with digital printing systems, handling, transport and storage lines, vision and quality control systems. All Cugher production shares consolidated and strategic technological pluses for which the Company is recognized all over the world. Cugher solutions are innovative – thanks to constant investments in R&D - highly customizable to specific needs - flexible engineering drives production from the earliest stages of the order - and grant high performance in terms of productivity and flexibility. The main application sectors are architectural - building and interior design - home appliance and automotive.



CUGHER GLASS

Via G. di Vittorio, 70
20026, Novate Milanese, Italy
Tel: +39 02 66207762
Email: info@cugher.com
Web: www.cugher.com
Contact: Marino Bonetti (Sales
Manager)
US Contact: usa@cugher.com



BOOTH #3148

PRODUCT CATEGORIES

Flat glass production machines



MultiGlass is a new roller machine, suitable to the enamelling and design printing of glass sheets by means of an engraved cylinder. Thanks to its high versatility and ease of use, Colorglass is the indispensable working tool for in-house laboratory or production lines. GlassLine is a new machine to enamel the edges of float glass sheets by means of a steel engraved cylinder. It is a completely new project based on the well-known technologies of enameling by a reverse roller. Glass line has been designed to provide answers to a peculiar need of glasses bound to building and interior decoration, i.e. the coating of a frame on the four edges of the sheet. Frame sizes: min. 5 mm max. 300 mm. GLASSDRIER IR is the new curing oven for enameled glass sheets. It combines a very high precision in terms of precision of distribution and setting of drying temperature with strict criteria of energy saving.

ROLLMAC

Via Postale Vecchia, 77
36070 Trissino (VI) Italy
Tel: +39 0445492711
Fax: +39 0445490111
Email: info@gemata.com
Web: [www@rollmac.it](http://www.rollmac.it)
Contact: Matteo Sommaggio



BOOTH #2844

PRODUCT CATEGORIES

Handling and storage

Italcarrelli® is a world leader in design and manufacturing of specialty machines and solutions for flat glass handling. Along many years of experience on glass field, the company has acquired a remarkable knowledge and, thanks to investments in the research of innovative solutions, it is providing its own products to all the most important glass manufacturers all over the world. Range of products: Self-propelled transporters, Inloader transporters, Multidirectional side-loaders, Tailor made solutions, Container load/unload, Laminated glass handling.



ITALCARRELLI

Via Monte Rosa, 9
36072 Chiampo (VI), Italy
Tel: +39 0444 623393
Fax: +39 0444 420195
Email: info@italcarrelli.eu
Web: www.italcarrelli.eu
Contact: Davide Schiavon
(Sales Manager)

MADE IN ITALY

INLOADER TRANSPORTERS

PTN 330

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TOP HANDLING SOLUTION SINCE
1962
VALUE OF EXPERIENCE

THE BEST PARTNER FOR GLASS HANDLING
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FLATTOP TRANSPORTERS

MULTIDIRECTIONAL TRANSPORTERS

SPECIAL EQUIPMENT

SIDE LOADERS

TAILORMADE SOLUTIONS

CONTAINER UNLOADING

BOOTH #2737

PRODUCT CATEGORIES

Cutting machines, Handling and storage

Leading the industry for over 22 years, Macotec designs and builds the most productive and technologically advanced systems for Glass Cutting, Handling and Storage. Macotec Cutting Systems are designed for cutting both monolithic and laminated glass and their systems range from completely automatic handling and cutting to simple stand alone cutting tables. Macotec will show at GBA 2019, automatic Float Cutting Table with high Technology and Performance.

MACOTEC
MACCHINE DI TECNOLOGIA

MACOTEC

Via per Mantello, 21
23010 Rogolo (SO) Italy
Tel : +39 0342 684648
Email: info@macotec.it
Web: www.macotec.it
Contact: Lorenzo Filippini

DE GORTER, INC.

5623 Cannon Drive
Monroe, NC 28110
Tel: (704) 282-2055
Fax: (704) 225-8290
Cel: (704) 231-8027
Web: www.degorter.com



BOOTH #2745

PRODUCT CATEGORIES

Diamond tools/Other tools and accessories

Mole Moreschi has a know-how and direct experience in the production of diamond wheels and tools for glass processing, that are the result of more than 98 years of production. They have been the first in the production and development of the resin wheels, today Mole Moreschi has a complete range of standard and special tools for the glass industry, with a very high quality. Some Italian and foreign glass machines manufacturers have found in the wheels the best reliability and a constant quality and have chosen Mole Moreschi as a preferred partner. In this way it is possible to test the tools and to develop new products to increase the machines performances. Mole Moreschi is using the most advanced technologies in the tools production to guarantee the highest quality level. The research and development activities are dedicated to improve the tools quality and to guarantee the production level.



MOLE MORESCHI

Via Palazzetti, 5
40068 S. Lazzaro di Savena (BO) Italy
Tel: +39 0516255919
Fax: +39 0516255952
Web: www.molemoreschi.com
Contact: Marco Moreschi

The target is to keep the quality always at the same high level and at the same time to guarantee the high performances of the customers machines. Mole Moreschi is always available to study and manufacture tools on specific customers requests for special productions. The sales and distribution network is winning not only for the quality and timing of the service, but also on the technical knowledge of his distributors that can assist and suggest the best tools.



BOOTH #2735

PRODUCT CATEGORIES

Software

Optima is a world leader in software solution for the flat glass sector and, generally, for all flat surfaces tool processing area since 1994. We develop ERP, monitoring systems, HMI interfaces, CAD-CAM and optimization software to give always the more efficient solution for the glassworks activity. Thanks to the use of high-level software development and implementation technologies, plus direct contact with technology developers, as well as the use of consultants and technicians who can skillfully interpret company processes. Opty-Way – The most efficient single user glass optimization program, that boasts over 20.000 systems installed worldwide, capable to drive any cutting table manufactured on past 25 years. Cad-Way \Cam-Way - Two-dimensional CAD system and CAM application to generate parametric and free shape for Horizontal and Vertical Working Center, Water Jet and Cutting Tables Machine. Opty-Way Enterprise - ERP Software for Glass Processing, Order Entry, Pricing, Production Scheduling, Purchase

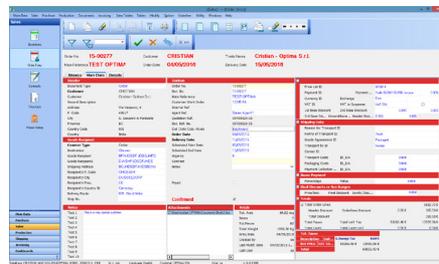
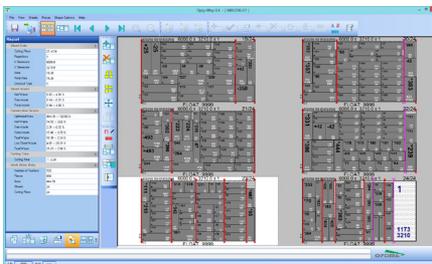
and Stock Management, shipping and Invoicing software with connection with local accounting programs. Production Tracking Systems – Client / Server product modules for the managing, tracking and supervising entirely the production.



OPTIMA

Via Amerigo Vespucci, 4
P.C. 40017 San Giovanni in Persiceto (BO)
Tel: +39 051826336
Fax: +39 051825182
Email: sales@optima.it
Contact: Cristian Zanca

OPTIMA NORTH AMERICA, INC
7860 Grenache Suite #200
Montreal, QC H1J 1C3
Tel: (514) 645-8998
Email: sales@optima-america.com



BOOTH #3040

PRODUCT CATEGORIES

Beveling machines, Robotic Systems,
Drilling machines, Handling and storage,
Miscellaneous Machinery

At GBA 2019, Schiatti Angelo will have on exhibit an established product which represents its core business: polishing machines. On display, the vertical straight line polisher mod. FPS50 which has been confirmed to be a successful product within its category, represents the top model of the FPS50 serie machines. It allows you to obtain a variety of quality finishing. This straight polishing machine can produce a brilliant polish via cerium oxide for the flat edge and the arrises. The machine is the favorite of medium to big glass companies for the production of mirrors, shelving glass tables, laminated glasses, railings and stairs. Main improvements have been made both in mechanical and software developments in order to enhance the machine's performances. The PLC touch screen provided, amongst many functions, displays all the working parameters and can diagnosis fault situation but particularly includes Industry 4.0 solutions as to interconnection to remote control and maintenance. Schiatti and DeGorter technical staff will give life demonstration of the machinery being displayed.



SCHIATTI ANGELO

Via alla Porada, 188
20831 SEREGNO (MB) Italy
Tel: +39 0362 238496
Fax: +39 0362 327990
Email: info@schiattingelosrl.com
Web: www.schiattingelosrl.com
Contact: Cinzia Schiatti

DE GORTER, INC.

5623 Cannon Drive
Monroe, NC 28110
Tel: (704) 282-2055
Fax: (704) 225-8290
Email: sales@degorter.com
Web: www.degorter.com



BOOTH #2935

PRODUCT CATEGORIES

Washing/Drying machines, Handling and storage, Laminated glass plants, Flat glass production machinery, Insulating glass

Triulzi Company is example of excellence of Made in Italy over 65 years on the world market with a range of solutions for the washing and treatment of glass in all declinations for automotive, solar, lighting, household appliances, display, building and interior. Triulzi is specialist in manufacturing machines in horizontal and vertical version from mini size to jumbo and extra jumbo size, from very thin glass to extra thick glass. To complete the range, fire resistant glass line, wet powdering units for windshields process and polishing units including ultrasonic bath. All machines can be part of Industry 4.0. Year 2019 is starting a New Era in innovations for curved glass patent system and robotics handling system.



TRIULZI

Corso Como, 36-B
I-20812 Limbiate (MB) Italy
Tel: +39 029963991
Tel: +39 029960704
Tel: +39 029961207
Email: triulzi@triulzi.com
Contact: Roberta Triulzi

TRIULZI NORTH AMERICA LLC

30209 Waterford Drive
Perrysburg, OH 43551
Tel: (336) 549-6003
Email: sales@triulzi-na.com



BOOTH #3049

PRODUCT CATEGORIES

Diamond tools/Other tools and accessories

TYROLIT is well-known as a leading manufacturer of innovative solutions for grinding and drilling for both architectural and automotive glass. Over the last decades, Tyrolit has expanded its range of products for the architectural and furniture glass industry. This comprehensive range includes a wide assortment of tools for edge processing, milling cutters and core drills for both float and laminated glass. The applications range from double edging to vertical and horizontal CNC machines – just to mention a few. Moreover, Tyrolit is able to produce tailor-made and special products for specific needs. With a worldwide sales network currently in 65 countries and with our own production plants in 12 countries on five continents, we offer our customers all the advantages of a globally operating company. For the US market Tyrolit set its own sales, logistic and re-profiling organization with Tyrolit North America (TNA), located in Oswego, IL.



TYROLIT VINCENT

Via Dell'elettronica, 6
Z.I. 36016 Thiene (VI), Italy
Tel: +39.0445.359911
Fax: +39.0445.370842
Email: glass@tyrolit.com
Web: www.tyrolit.com

Contact: Carlo Crescini (Sales Manager)
US Contact: Jeff White (Sales Manager)





CHICAGO

401 N. Michigan Avenue
Suite 1720
Chicago, IL 60611
T. +1 312 670 4360
F. +1 312 670 5147
chicago@ice.it

LOS ANGELES

1900 Avenue of the Stars
Suite 350
Los Angeles, CA 90067
T. +1 323 879 0950
F. +1 310 203 8335
losangeles@ice.it

HOUSTON

1300 Post Oak Blvd
Suite 775
Houston, TX 77056
T. +1 281 888 4288
F. +1 281 974 3100
houston@ice.it

NEW YORK

33 East 67th Street
New York, NY 10065
T. +1 212 980 1500
F. +1 212 758 1050
newyork@ice.it

MIAMI

1 SE 3rd Avenue
Suite 1000
Miami, FL 33131
T. +1 305 461 3896
F. +1 786 497 8900
miami@ice.it

ROME

Via Liszt, 21
00144 Rome, Italy
T. +39 06 59921
F. +39 06 89280353
urp@ice.it

www.ice.it

