





GLAMACO
Maschinenbau GmbH

Glass & Special Machinery

www.glamaco.com


Location 



GERMANY **Berlin** **GLAMACO DRESDEN / COSWIG**

Phone: +49 3523 646 - 0 Prasseweg 1
 Fax: +49 3523 646 - 28 D - 01640 Coswig
 e-mail: info@glamaco.com Germany

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INDEL AG
Zürich - Swiss
Hard- and Softwarehouse

GLAMACO
Maschinenbau GmbH
Coswig - Germany
glass production lines


INTRONIK
GmbH
Dresden - Germany
Software process control systems

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History 


- 1957 founded as "Institute of Glass" to integrate new technologies in the hot glass production (table ware, float glass, special glass)
- 1990 German unification
- 1993 INDEL AG buys GLAMACO
- 2012 fields of activity: special glass machinery, automation, special machinery, hot handling

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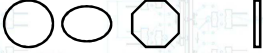
Glass Machinery 

- Production lines for table ware and technical glass
- Foam glass plants
- Blowing machines, type: RBM
- **Laser Hot Cutting**, type: LHC
- Handle ware making machines
- Handling for hot and cold glass

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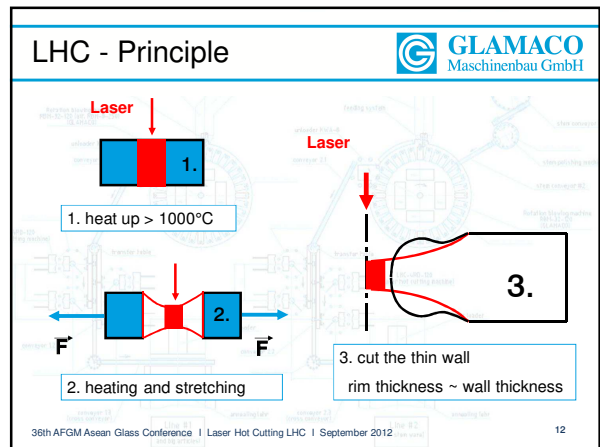
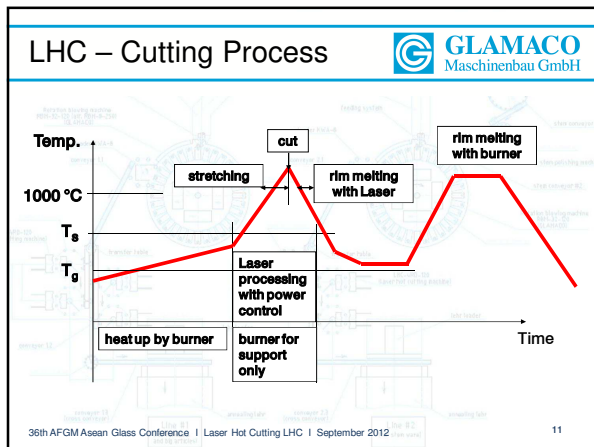
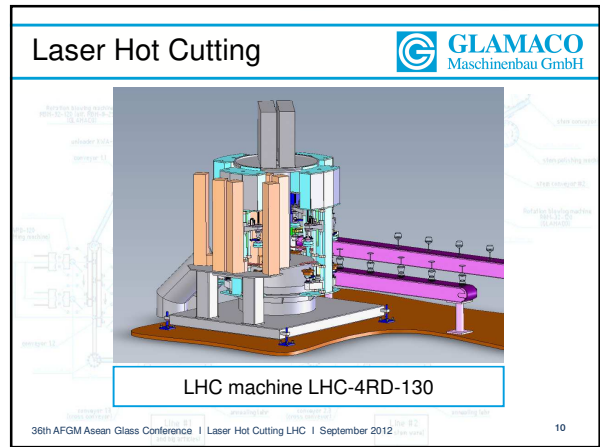
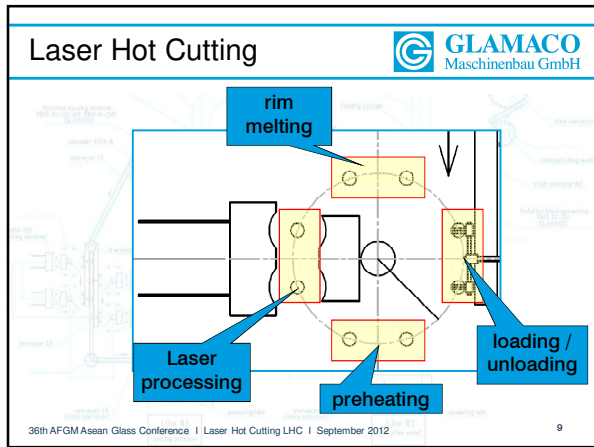
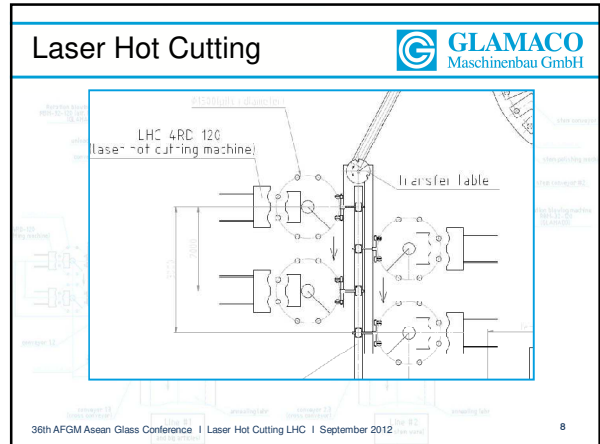
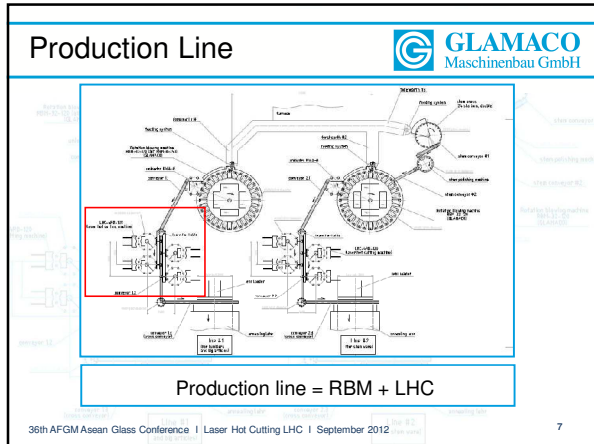
Laser Hot Cutting (LHC) 

- Cutting of many glass types
- Hot end or Cold end processing
 - cold end processing: partial annealing necessary
- Shape: round, oval, hexagonal and flat



- Sample: blown table ware and tubes
- Wall thickness 0.5 ... 3.0 mm

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Cutting Process

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LHC, rim quality

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competitor = many bubbles
size up to 400µm

GLAMACO = no bubbles
size > 50µm

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Samples

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processed
with
laser hot cut

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Process Data

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Wine glass (crystal)
cut Ø 64 mm
thickness 1.0 - 1.2
heat up to 500°C
cut time 6.5 sec
rim melting
- with Laser 2 sec
- with burner 2 sec

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Process Data

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Beaker boro 3.3
cut Ø 75 mm
thickness 1.5 - 2.3
heat up to 800°C
cut time 7.5 sec
rim melting
- with Laser 4 sec
- with burner 2 sec

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Contact Details

GLAMACO
Maschinenbau GmbH

Mr. Andreas Gruhle
Managing Director
mobile: +49 172 607 1832
e-mail: a.gruhle@glamaco.com

Phone: +49 3523 646 - 0 Prasseweg 1
Fax: +49 3523 646 - 28 D - 01640 Coswig
e-mail: info@glamaco.com Germany

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