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## **Intex Benteler Laminated Glass Production Line**

*One of Intex' Laminated Glass Production Line was bought from Benteler Germany. The line has following components:*

### ◆ Hydraulic rotary tilt loading table



Large glass sheets can now easily be loaded onto the laminating line. Hydraulic cylinders bring the table into a vertical position for easy glass sheet loading.

### ◆ De-ionized water system

This system ensures no dirt, water drops, or water fog remain after washing and drying.



### ◆ PVB film unwinding machine with 3 Rollers



This equipment is positioned inside the clean room.

### ◆ Pressing machine uses an infrared heating system



The IR-heater with air circulation system ensures proper temperature distribution. The pressing rollers with worm and gear driver guarantee an accurate thickness adjustment and no bounce-back when the glass leaves the pressing section.

### ◆ Autoclave



The autoclave has following size capabilities

Max size: 84" x 144"  
Min size: 12" x 12"

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## Warm Edge Insulated Glass Unit



We are offering different options of warm edge spacers for Insulated Glass Units.

One of the options is **Super Spacer® Standard**, the all-foam construction of Super Spacer is non-conductive and blocks heat flow through the window. As such it provides one of the best thermal performances in the industry.

The other is **Duraseal®** spacer from Truseal. Duraseal is an insulating glass edge seal system constructed using a unique Composite Laminating Technology. Duraseal is preassembled with proven components, sealant, spacer and desiccant to create a high performance durable spacer system.



For the North American and European markets we are in the process of applying for the respective IGCC/IGMA and CE certification for both our conventional aluminum spacer and warm edge units.

Hereafter we list our capabilities for warm edge spacer and aluminum spacer insulated glass:

**Super Spacer Width:** 3/16"(4.8mm)---3/4"(19mm)  
**Max size of IGU:** 2010mm x 2540mm (79" x 100")  
**Min size of IGU:** 300mm x 300mm (12" x 12")  
**Capacity:** 2,000 units/week

**Duraseal Spacer Width:** 1/4"(6mm)---3/4"(18mm)  
**Max size of IGU:** 2010mm x 2540mm (79" x 100")  
**Min size of IGU:** 300mm x 300mm (12" x 12")  
**Capacity:** 2,000 units/week

**Aluminum Spacer Width:** 6A, 9A, 12A, 19A  
**Max size of IGU:** 1200mm x 4500mm  
**Min Size of IGU:** 300mm x 300mm  
**Capacity:** 2,000 units/week

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## New Safety Backing Application Machine

The width of the rollers is over 72" which allows us to apply Cat I and Cat II safety backing materials on glass or mirror sized 72" x 144" (with overlapping seams).



A washing machine is connected with the backing process ensuring a clean and dry mirror surface.

## 2013 Lantern Festival Celebration in Xiamen

January 15th in the Lunar Calendar (February 24th in the Gregorian calendar for 2013) is the end of Chinese New Year. It is also our annual Lantern Festival which has a history of over two thousand years. The city of Xiamen holds a lantern show every year to celebrate this occasion. There are over 300,000 visitors coming from Xiamen and nearby areas to enjoy the spectacle. We are publishing some pictures hereafter.



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## Laura's Little Angel

Editor's note: Laura is one of our sales coordinators who just became a new mom.  
Below is her daughter's world.

I am a little dragon girl as I was born in 2012, the Chinese Year of the Dragon. Mom said I am also a lucky angel because I was born on December 25th, Christmas Day ^\_^

I like laughing, but I always cry for milk, for mother's hug, and for peeing.

I like looking at the ceiling. Mom wonders why. She does not realize that for a newcomer to this world, everything is so fresh and interesting.

My favorite activity is having a bath. I admit I always felt a little apprehensive when I was put into the washtub, so I always clenched my fists. But so far I never cried when bathing.



Now I am almost 3 months old. I am much stronger and taller than the day I was born. Furthermore, Mom said I am becoming more and more beautiful.



**Do you think so?**

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