

548 LAM



Bottero
Glass Technologies

548 LAM



print code: AB
Designed & Printed in Bottero



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LAMILINEA

548 LAM

The new model of Lamilinea range, the 548 LAM, comes from the long experience of Bottero in the field of laminated glass cutting and from the improvements and technical solutions of Bottero products. The machine is a concentrate of technology and innovation and is the result of the careful and continuous research of Bottero R&D department.

548 LAM



1

Cutting system

The 548 LAM cutting is performed by two independent cutting heads, with HSS steel wheels to score the glass on the two surfaces. The machine can reach a maximum cutting speed of 140 m/min.

2

Glass breakout

The breakout of the lower glass is performed by a wheel on the upper bridge. The breakout of the upper glass is performed by a bar from 150 mm on. The breakout of the trims (from 20 up to 150 mm) is provided by double wheel devices mounted on the carriages. Due to the "soft but sturdy" air driven clamping devices, which guarantee an even pressure distribution on any glass size, the breakout quality is excellent.

3



New heating system

The heating of the PVB is carried out by a patented IR lamp device of 300 mm length only! Despite the small size of this device, the heating cycle is incredibly quick and consistent and offer amazing advantages for maintenance and replacement.

4

Separation

upper and lower scratch-free oil-resistant air driven clamping devices held the glass during the separation cycle. The PVB is cut by a blade for optimal final result.

5



Panel glass rotation

The panel glass rotation is a patented device for fully automatic rotation and positioning of the glass lites. Operated by means of two software-controlled devices, they bring the glass into the correct position for the cutting operation. The same system, allows fully automatic single and double diagonal positioning and cut.

6



Panel glass transport & positioning

Automatic Squaring up to 6000 mm. Minimum piece that can be transported/cut is 300 x 300 mm. Patented squaring device accommodated on both cutting bridges to square and position long but narrow glasses with exceptional precision.



Technical features

	metric	imperial
Cutting speed	140 m/min	5512 ipm
Grinding speed with LMT device	140 m/min	5512 ipm
Grinding speed with Easy deletion device	80 m/min	3150 ipm
Min cut	150 mm	5,9"
Max cut	3800 mm 4950 mm 6100 mm	149,6" 194,9" 240,2"
Min glass thickness	2 + 0,38 + 2 mm	5/64" + 0,015" + 5/64"
Max glass thickness	8+4,56+8 mm	5/16" + 0,18" PVB + 5/16"
Optional glass thickness	12+4,56+12 mm	15/32" + 0,18" PVB + 15/32"
Thickness - monolithic glass	3 ÷ 12 mm	1/8" ÷ 15/32"
Min squaring length	0 mm	0"
Max squaring length	3210 mm	126,4"
Max weight loadable on arms	550 Kg	1212,5 Lb
Min/Max height on unloading arms	700/2400 mm	27,6"/94,5"

**IT**

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EN

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DE

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FR

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ES

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PT

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RU

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