



AKTAŞ GRUP MAKİNA

*LamCut/46e & LamCut50e Series*  
*of*  
*Automatic Machine for Cutting Laminated Glass*





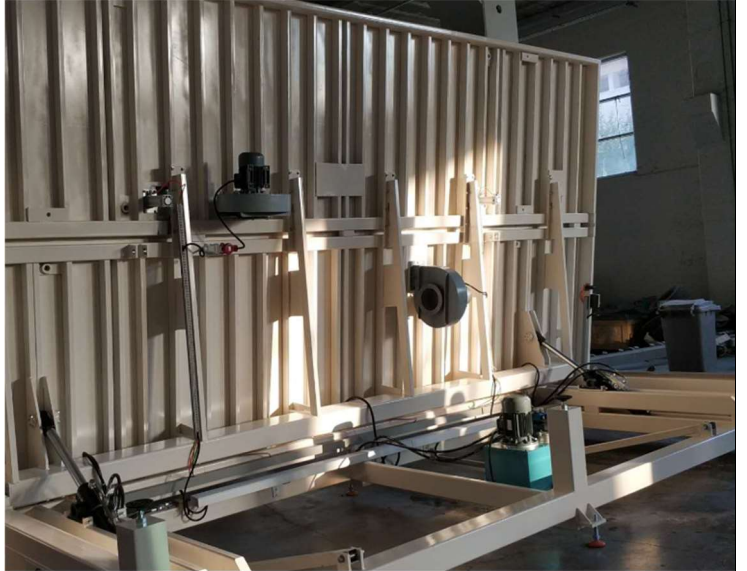
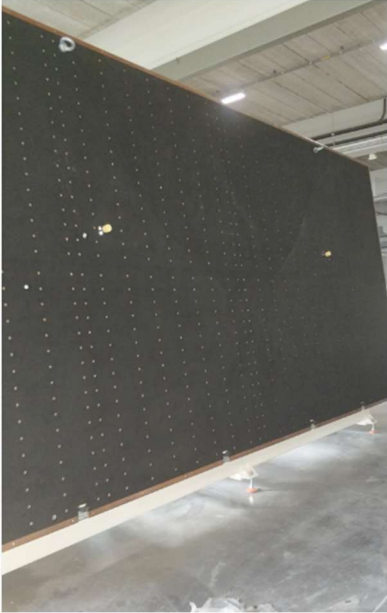
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### *Hydraulic Tilting Table for Loading Glass Sheets*



*LamCut of Laminated Glass Cutting Machine exist from following modules:*

- 1. Hydraulic Tilting Table*
- 2. Cutting Unit*
- 3. Positioning & Unloading Unit*





#### **MAIN CHARACTERISTICS:**

**Machine LamCut is characterized by its high levels of “MODULARITY” and “AUTOMATION”.**

*The operator interface and the axis control are controlled by a PC with color monitor.*

*The operator interface makes it easy to insert the working parameters in order to process a large range of kinds of glass, selecting them each time it is necessary.*

#### **Among the main characteristics of the Cutting module:**

*Oversized structural elements of the cutting and detachment bridges and related cutting and breakout carriages guides: electro-welded components in the structural parts and aluminium alloy units for the “dynamic” and precision elements.*

*Use of special clamping material to enable good glass detachment without risking to damage it or the LOW-E layer.*

*The P.V.B. is separated by a high performing, double electric resistance with infrared rays, with new functions operated automatically by the machine. The infrared rays heat the P.V.B. without overheating the glass, thus avoiding the risk of glass breaking in the next cut.*

*The laser projector device, which is part of the machine standard equipment, was developed with the aim of facilitating the diagonal cutting operations.*

#### **Working table:**

*Its structure is particularly accurate in terms of planarity, quality of the felt used and air cushion efficiency. Frontal squaring bridge with retractable lugs. The operator can easily reach the machine working area. Loading / unloading arms (option), assembled on the working table.*

*Machine LamCut has a series of optional accessories, which complete its functionality and application field.*



## AKTAŞ GRUP MAKİNA

Technical Spesification			LamCut/46e		LamCut/50e	
Maximum Cutting Lenght-mm			4600		5000	
Minimum Cutting Lenght-mm			250			
Maximum measurement-mm			3210			
Minimum measurement-mm			175			
Processable glass thickness	Monolithic-mm		3 ÷ 8 (MAX cutting = 3300)			
	Laminated Glass	Glass	PVB min		PVB max	
		2+2	0,38		0,76	
		3+3	0,38		1,52	
		4+4	0,38		1,52	
		5+5	038		2,28	
		6+6	0,76		2,28	
		8+8	0,76		4,56	
"C" patterned glass device			Special cycle for cutting the "C" patterned glass			
Maximum Cutting Speed m/min			100 m/min			
Loading/unloading maximum glass weight with tilting arms			450 Kg_H max = 2400 mm		650 Kg_H max = 2400 mm	
Cycle time for L = 3210 mm (cut, breakout, detachment)						
Glass	mm	3+3	4+4	5+5	6+6	
PVB	mm	0,38	0,76	1,52	2,28	
Time	seconds	35	50	75	90	
PVB Cutting Blade			Standard			
Air cushion power			220 mm minimum of water column			
Fast Air Cushion Closure			Standard			
Noise dB			75 +/-2			
Total Weight - kg			5000		5500	
Working table Height -mm			935 +/- 20			
Basic installed power -kVA			22		23	
Max Air Consumption - lt/min			120		200	
Tilting Arms			Standard			
Lateral heating lamp			Standard			

### **Note :**

*The glass quality, the PVB thickness and the environmental conditions in which the machine operates can strongly influence its performances and the cutting quality.*