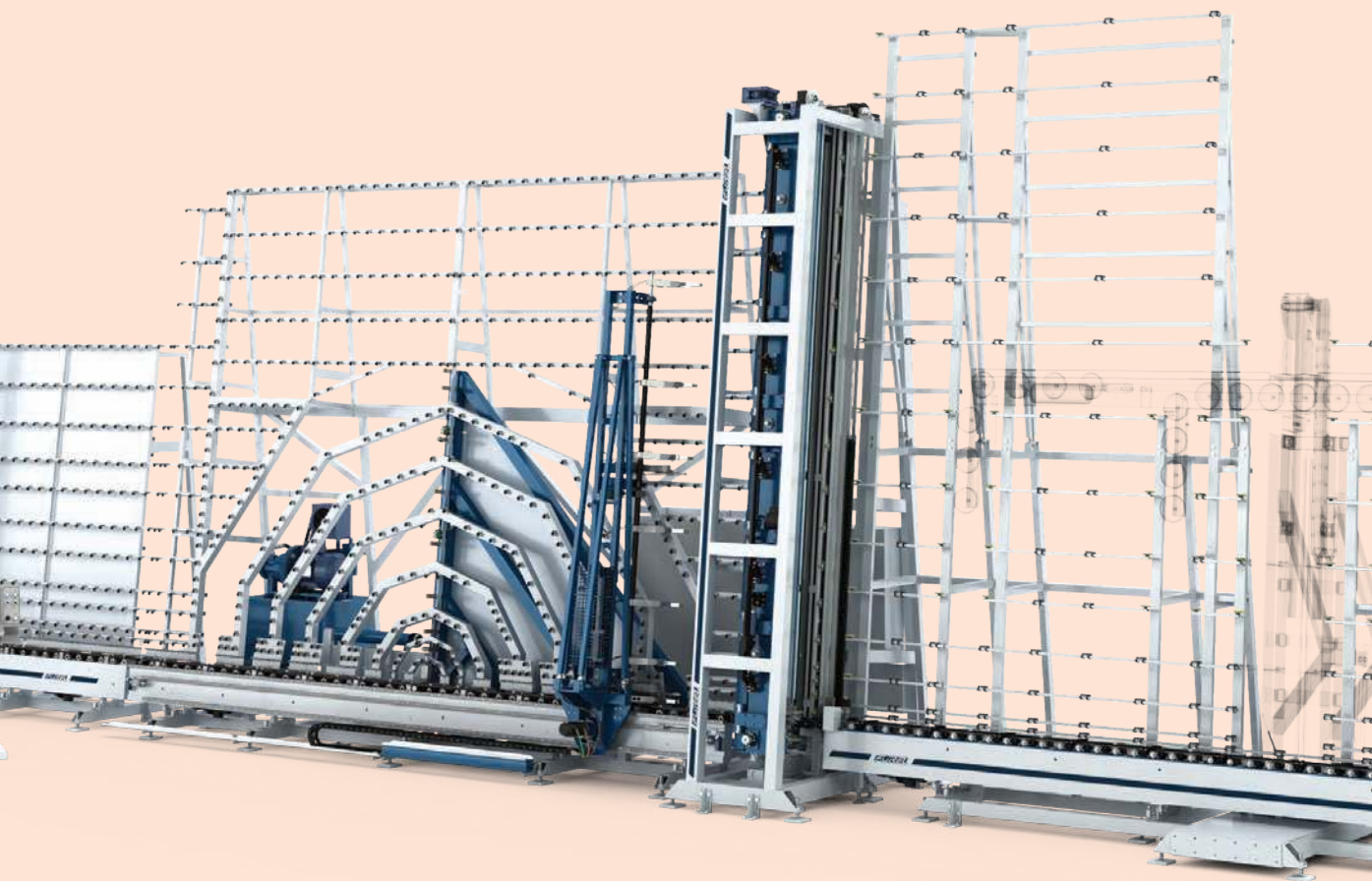
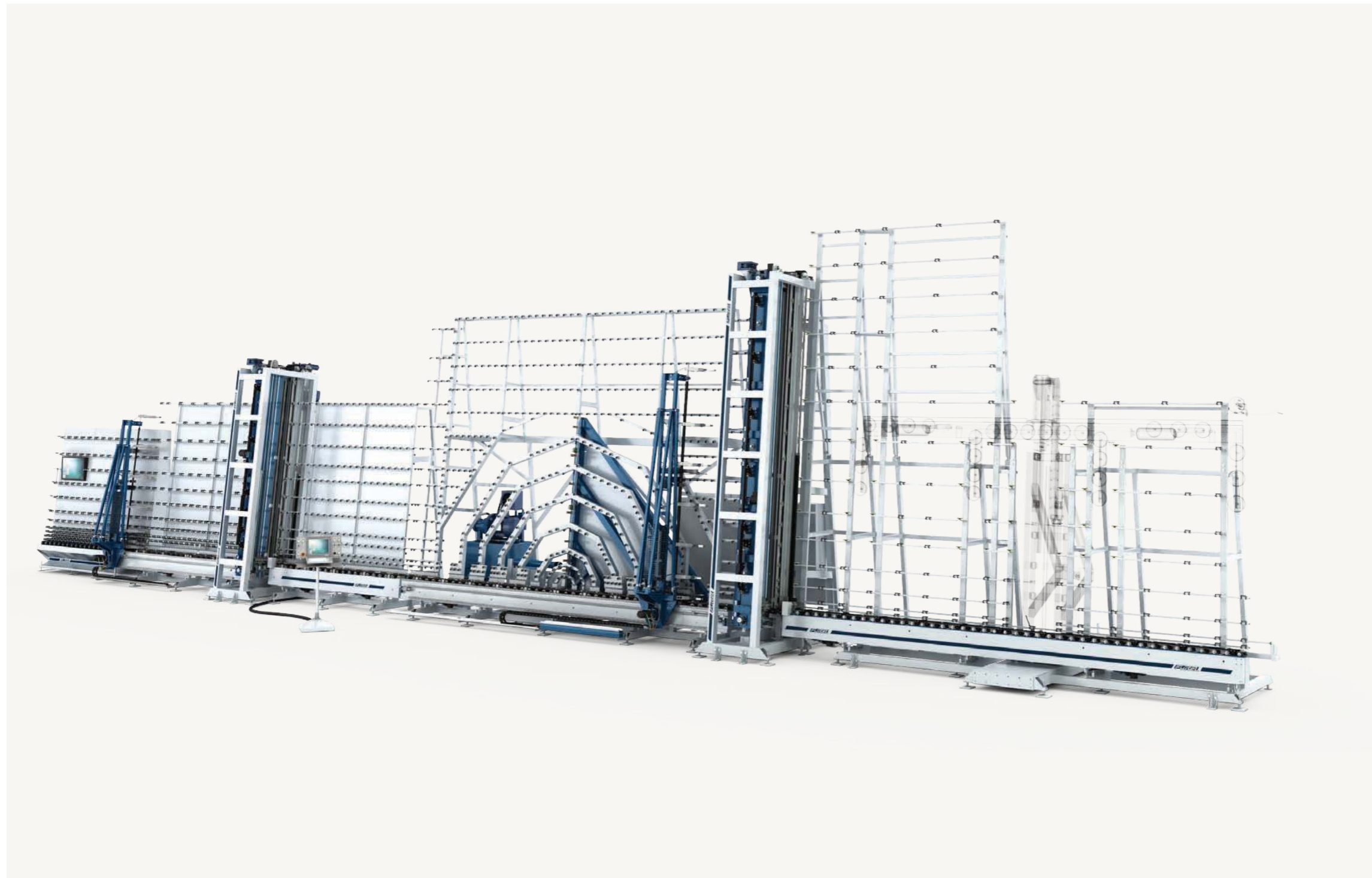


# ART. VC02 VERTICAL CUTTING LINE FOR LAMINATED GLASS

THE VC02 VERTICAL LAMINATE CUTTING LINE FULFILLS THE EVER INCREASING DEMAND FOR CUT TO SIZE LAMINATE GLASSES VIA ITS UNIQUE AND HIGHLY PATENTED SYSTEM.

THROUGHOUT THE ENTIRE PROCESS THE LAMINATED GLASS SHEET IS KEPT VERTICAL MINIMIZING GLASS HANDLING WHILST MAXIMIZING PRODUCTIVITY AND DUE TO ITS VERTICAL NATURE THE MACHINES FOOTPRINT IS KEPT TO A MINIMUM OPERATED BY JUST ONE PERSON.





The VC02 is complemented by Forel's ST6006 automatic glass storage and management system which allows the operator to automatically and safely control the stock and cutting phases.

Forel's AL6002 is an automatic glass sheet loading device that allows for the continuous supply of glass sheets to the cutting line avoiding any unnecessary interruptions to production.

The machine is equipped with two independent cutting bridges intersected by a glass sheet turning station that allows for Jumbo sheets to be processed. Enhanced optimization is achieved via X,Y and Z axes cutting.

Each of the cutting bridges comprises of two opposing carriages that cut the front and backside of the glass sheet simultaneously. Two breakout bars split the cut down its whole length in a uniform way avoiding shelling, cracks or any other imperfections. Specifically designed dual resistor infrared lamps soften the PVB interlayer without heating the glass for automatic glass separation. A patented motorized ironing system separates the two glass sheets allowing for a blade to cut the film.

The bridges can be equipped with automatic edge deletion for the removal of low emissive coatings.

Optimal cutting is ensured by software which rearranges the information in order to make the operation quicker and easier for the operator. Cutting information can be manually inserted directly to the touch screen control unit.

The unloading area can be equipped with Forel's TT2503 tilting table. This facilitates the manual breakout of small trim and off cuts.

The machine is equipped with a self-diagnostic system that identifies faults with codes, descriptions and images with an additional system that allows for remote connection and assistance.

Monitor for unloading management



First cutting bridge



Automatic sheet rotating element



Technical information

	VC3302	VC4502	VC6002
H	5245	6170	7450
H1	4450	5650	7150
H2	4450	4450	4450
H max	5250	6170	7450
ethernet	UTP shielded cable category "5/6" RJ-45 connector	UTP shielded cable category "5/6" RJ-45 connector	UTP shielded cable category "5/6" RJ-45 connector
A1	Rp 1/2" 6 bar	Rp 1/2" 6 bar	Rp 1/2" 6 bar
compressed air	400 NL/min	400 NL/min	400 NL/min
E1	3P+N+E -50/60Hz 400/230V Installed: kW 38 Absorbed maximum: -80%	3P+N+E -50/60Hz 400/230V Installed: kW 40 Absorbed maximum: -80%	3P+N+E -50/60Hz 400/230V Installed: kW 42 Absorbed maximum: -80%
thermal switch	125 A	125 A	125 A

Forel reserves the right to change the data in this general description sheet. The machine shown is a mere guideline, it may include optional accessories and vary according to the maximum work height.

