

# Axioma 125



Maximum flexibility without implicate productivity

Axioma 125 is an angular system for those who are looking for flexibility and and productivity. The large choice of optionals resulted from experience in high productivity industrial installations planning assures performances and customized solutions with best cost/benefit ratio



Angular sizing centre

### Technical data

		<b>Axioma 125</b>
Cut dimension	mm	3200x2200 4500x2200 - 4500x2440 5600x2440
main blade protusion	mm	125
main blade motor	kW	15
Saw carriage max speed	m/min	155
Pusher speed rip section	m/min	70
Pusher speed cross section	m/min	90

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# GABBIANI

Custom-made machinery for panel sawing

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## Gabbiani Angular Panel Sizing Saws. Strength and Innovation through Experience: Gabbiani 125

At the World Trade Fair-LIGNA + Hannover 2005, Gabbiani exhibits its Angular Panel Sizing Saw the Axioma 125 complete with new features and enhanced performance. From its introduction, five years ago, this machine has been a tremendous success story in sales, machine performance, and reliability. Steady improvement and continuous product development, thanks to its experience in the field, make the Axioma 125 the most modern of angular panel sizing systems, **ideal for small and medium-sized companies that choose to improve and enhance their production capabilities.**

With a blade projection of 125 mm, and very short processing cycle times, the Axioma 125 is appropriate for medium and large batch machining. Many optional devices are available on the Axioma 125, which offers a high degree of customization to match the needs of each customer, and provides the optimum panel sizing solution.

One of the most significant optional devices, is the Gabbiani Machine **patented external automatic head-cut.** A very popular feature, this device is made up of a third cutting axis, and an external rotating table. The panel stack to be pre-cut gets on the external table, which, once the cutting is over, rotates it. Then a pusher reintroduces automatically the pre-cut part in the machine to carry on the processing cycle. The device operates in hidden time, thus guaranteeing high productive capacity and complex cutting schemes.

For thin material loading or when a special attention for finished delicate surfaces is demanded during the loading phase, the loading suction cup device – integral to the machine frame – ensures reduced overall and excellent load rates.

WinCut Plus software controls the angular system and it runs in a Windows® environment. Thanks to an **intuitive icon language, the operator can quickly access the main machine functions;** from automatic list execution, to the acquisition of cutting plans optimized through the network or floppy, and the control of label printing. Available and exhaustive daily production reports allow the operational status to be constantly monitored.

**The remote service assistance capability, directly connected to Gabbiani Service, ensures the reset of the machine in a short time, and continuity of operation.**

AXIOMA's incredible productive capacities can be further enhanced if the panel saw is combined with the **Mahros automatic unloading system.**

Made up of a Gabbiani Axioma 125 and a Mahros Stacker Unloading Bridge, **the complete and fully integrated "System" reaches extraordinarily high productive levels.** The whole cutting unit is controlled by a supervisor software, that can be integrated with the line software controlling information on processed panels, unloading stations and produced stack identification labels.

The Gabbiani AXIOMA 125 is, therefore, a highly versatile panel saw, able to carry out both medium and large batch processing, typical of highly specialized installations.