



Saw E9-500

ELEMATIC

SMART EVOLUTION



THE CUTTING EDGE SAW FOR TOTALLY AUTOMATED OPERATIONS

The Eleumatic Saw E9-500 saw is designed for cutting prestressed products such as hollow-core slabs, T-beams, and half slabs. It is the right solution for a producer who needs automated cross, longitudinal, and diagonal cutting. Eleumatic cutting technology is based on completely modern and safe design, utilizing the latest electronic controls. The saw also includes very efficient dust reduction system for healthier working environment.

Eleumatic Saw E9-500 is an accurate and safe multi-tasking unit for cutting versatile prestressed products safely and cleanly. It is the right solution for a precaster who needs automated cross, longitudinal, and diagonal cutting of slabs having thickness of up to 520 mm with a one saw investment.

Eleumatic Saw E9-500 is a technological forerunner and is especially designed to fit into Eleumatic EDGE production lines and is aimed at precasters seeking very high capacity, a wide product range and highly automated production.

However, Saw E9-500 is a compact machine with a low frame making it easily adaptable even in existing facilities with height limitations. The automated saw needs less labor, and its remote control enables the operator to simultaneously perform other tasks. This enables more flexible work management in the factory.

Health and safety issues have been important guidelines when developing the saw. A motorized telescopic blade cover together with a powerful dust/water removal vacuum, remarkably reduce noise and the spreading of cutting dust. A bed production plan with cutting details is automatically generated from the ELiPLAN ERP software. Additionally, the on-board computer constantly collects and provides a stream of information assisting in wear part and service management.

Just transfer the product data and push the button!

Eleumatic Saw E9-500 is equipped with product-specific cut programs that correct parameters and ensure consistency of

precast units. The blade cover is programmable to bypass any harmful sections, e.g. lifting loops, on the slab and to maintain a smooth production flow. You just need to push the button, and Saw E9-500 does the cutting and positioning completely automatically for you.

Saw E9-500 has also a powerful dust removal and automatically adjusting blade cover, which minimize emissions and reduce noise in the workplace. An intelligent cutting speed control gives faster cuts and longer blade life. Ease of maintenance is enhanced by using only a minimum number of wearing parts.

Ease-of-use is facilitated by large informative touch screens presenting all relevant performance details. A bed production plan is automatically generated from the ELiPLAN ERP software, and quick production set-up and data storage increase the cutting productivity.

FACTS

Facts about Saw E9-500

Length	(with cable/hosedrums) 5470 mm
Width	1680 mm
Height	2580 mm
Wheelbase	3915 mm
Rail gauge	(Standard Elematic bed) 1290 mm
Blade diameter	ø 800...1300 mm
Weight	(with drums) 6500 kg
Power supply	3P+PE,400V,50Hz
Connection power	65 kW
Blade motor	55 kW
Moving speed	Max. 0.67 m/s
Water pressure at the saw	Min. 2 bar (after water hose)

BENEFITS AT A GLANCE:

Fully automatic operation

Reduce labor cost and errors with automatic cutting and positioning.

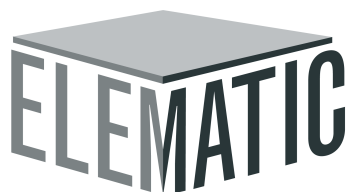
Cut faster and prevent blade failures with intelligent cutting speed control

Low dust pollution due to telescopic blade cover and vacuum system

Elematic supplies precast concrete machinery and complete production plants for building construction worldwide. Elematic is the leading one-stop-supplier for precast concrete technology.

Our customers are in the business of floors, walls, frames, and foundations – some specialize in one area and some are active in all of them. Precast solutions for all needs – from small scale production plants to huge operations with the same high standards for structural and architectural design. We offer support throughout the entire life cycle, assisting our customers to achieve maximum profitability regardless of the investment level.

That's our offer.



SMART EVOLUTION