



## All-in-One: **SAWPREPARER S5**

### LOW OPERATING COSTS

The Elematic Sawpreparer S5 is a unique combination of three separate functions in precast hollow core production: Sawing, cleaning and strand pulling – all combined in one machine. This set of functions offers a clear benefit over conventional separate saw and reparer system as it not only cuts the required number of machinery lifts in half, it also lets you invest in only one machine instead of two.

The powerful saw in the Sawpreparer S5 delivers fast multi-angle cuts of slabs up to 400 mm in height. It also features a laser pointer for fast positioning, automatic cutting programs for optimizing the cycles, and is equipped with a fast automatic blade stop for the end of the cutting process. Thanks to the inverter driven blade operation, it is easy to change the rotating speed to fit various sizes and types of blades.

In addition to efficient sawing, the machine also includes mechanized cleaning and strand pulling. High traction force is reached through a 4WD for pulling several strands simultaneously and also for cleaning the bed with a fast pass.

### BEST END PRODUCTS

Efficient cleaning of the bed with one fast pass translates into clean slabs. Integrated water sprays guarantee the cleanliness of the slab's top surface after cutting. Accurate slab cutting is ensured by an easy calibration system, and an advanced blade guide allows cuts at any angle.



### EASY MAINTENANCE

All operations in the Elematic Sawpreparer S5 are electrically driven, meaning that the machine is hydraulics-free and therefore needs only minimum maintenance. This translates into higher reliability. In addition, the machine design promotes low wear of the parts and supports the ease of change of the exchange parts.

### DURABLE GRAPHIC USER INTERFACE

The Sawpreparer is great to use as it features an advanced, durable graphic user interface that is also suitable for operation outside. There's a stepless adjustment of all parameters, and you can store any parameters for product-specific cutting programs. Clear alarm codes and remote access via Internet/ WiFi make troubleshooting easy.



### DESIGNED FOR SAFE OPERATION

The Sawpreparer has a safe cockpit with a transparent shield. It is also equipped with a camera system for excellent situational awareness and improved safety. Naturally, the machine meets all the requirements set by the EC Machine Directive, and is delivered with comprehensive and easy-to-understand operator, maintenance and safety manuals in your language.



## CARE. GROW. CREATE.

### WORKING TOGETHER FOR CONCRETE RESULTS

Based on years of experience with the needs of precast factories around the world, we have created a range of services to support you in your precast operations and to provide you with concrete results: improved profitability, better efficiency and higher uptime.

### EXPERT CARE

We offer continuing expert care to ensure higher uptime. A comprehensive range of services and technical support are available to you throughout the lifetime of your precast plant – from commissioning and maintenance, to upgrades and modernization.

### SERVICE AGREEMENTS

The Elematic service agreement protects your equipment investment and increases uptime. The agreement covers the helpdesk support, regular maintenance visits, and machine and equipment audits and training.

### HELPDESK

In the case of a sudden or unexpected production problem, the Elematic Helpdesk is your first point of contact. Swift, expert help is available 24/7 in multiple languages to resolve problems via remote access, phone, and email.

### SPARE PARTS

Spare part availability is key to keeping a precast factory running smoothly, which is why we have over 3000 spare part items available in stock for fast delivery from three different locations: Finland, the UAE and the USA. It's not just the availability of spare parts, it's also their quality: our OEM wear parts have proved to be the highest performers, with the longest service life.

### E-SHOP

The Elematic E-shop is open 24/7, enabling you to review and order high quality Elematic spare and wear parts at your convenience. For high levels of productivity, parts availability matters.





# THIS IS SAWPREPARER S5

Patented FI124184; US9, 222, 193.

**1 ADVANCED BRUSHING UNIT**

**2 ALL ELECTRIC-DRIVEN**  
High reliability and low maintenance

**7 INTEGRATED WATER SPRAYS**  
Cleans the slab surface after cutting.

**6 STEPLESS INVERTER-DRIVEN BLADE OPERATION**

**4 DURABLE GRAPHIC USER INTERFACE**  
Stepless adjustment of all parameters.

**5 4WD**  
High traction force for pulling several strands simultaneously.

**3 EFFICIENT STRAND PULLING**

## FACTS IN BRIEF

Cutting angle	0-180 degrees
Blade size	800-1100 mm
Max. slab height	420 mm
Height	2760 mm
Weight	6500 kg (with brushing unit)

## SMART SOLUTIONS FOR PRECAST CONCRETE PRODUCTION

Elematic provides precast concrete technology, production lines, equipment and related services that help customers succeed. We are the global technology and market leader in precast concrete technology for residential and non-residential buildings.

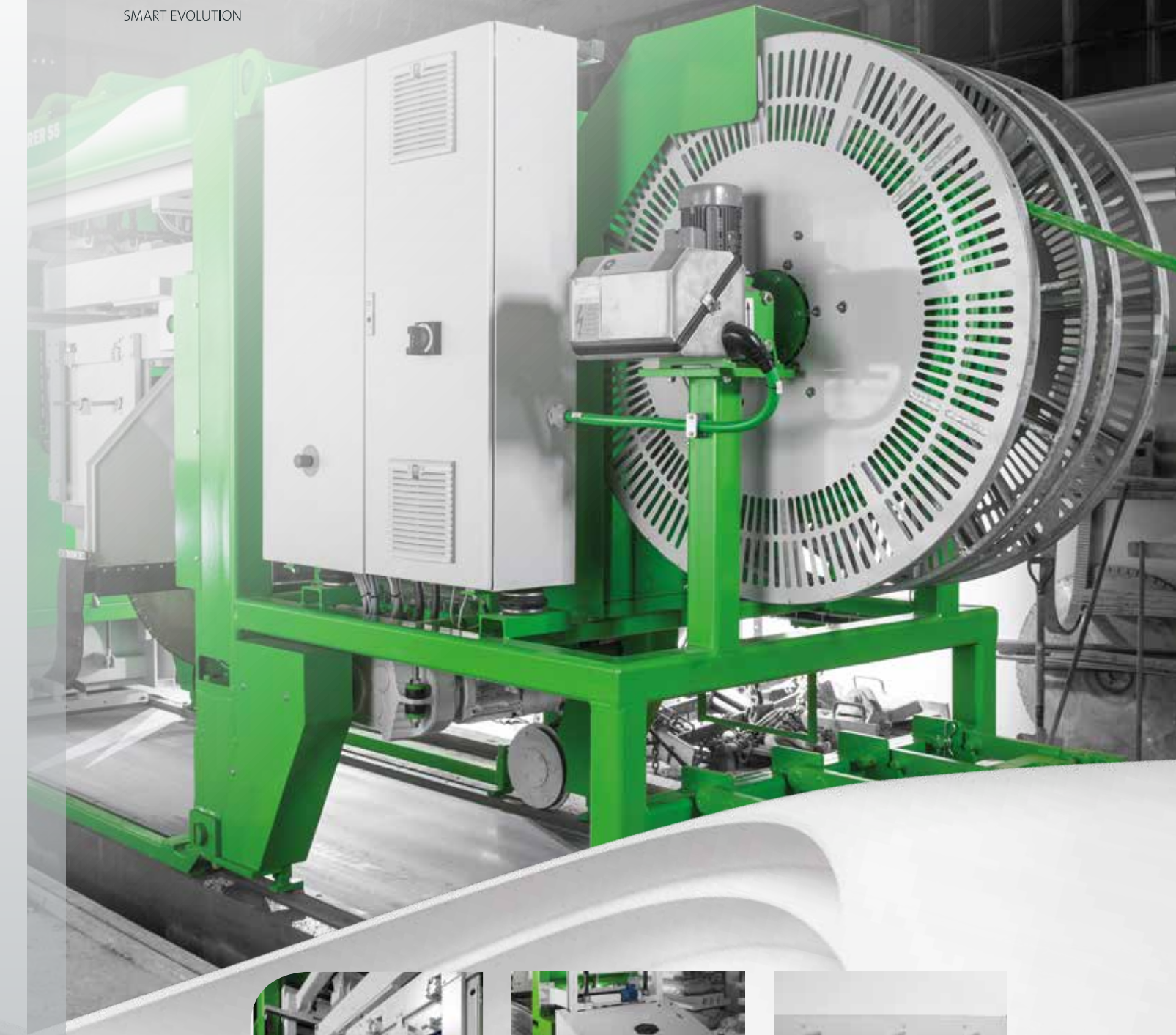
Our precast production technology is highly respected worldwide for its high quality, excellent productivity and efficiency, and advanced solutions. We believe in continuous improvement of our operations and offering to develop our customers' business in a smart way. That's why we are trusted by 40% of the world's precasters.

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## A SMART COMBINATION ELEMATIC SAWPREPARER S5

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