

## Reliable cutting: **SAW P7**

The Elematic Saw P7-500 is designed for cutting pre-stressed products such as hollow-core slabs, T-beams and planks. The saw features semi-automated cross, longitudinal, and diagonal cutting.

Saw P7 has a modern, safety-promoting design and it utilizes the latest electronic control technology.

Accurate cuts reduce the amount of scrap. Optimized cutting cycles make the blades last longer. Thus, if you have 0.2% less scrap and the blades last 20% longer, you will save about 15 500 euros annually.

### LOW OPERATIONAL COSTS

The powerful saw P7 offers fast cuts of 1200 mm wide and maximum 520 mm thick slabs. The machine is equipped with a laser pointer that promotes fast positioning. Thanks to the optimized cutting programs for different slab types, blade jams and slab crackings are minimized.

### HIGH QUALITY SLABS

Calibration of the machine is easy which guarantees continuous accurate cutting. The machine also features an advanced blade guiding system that allows straight cutting at any angle.

Saw P7 has integrated water nozzles for cleaning the slab surface after cutting.

### SAFETY IN FOCUS

Saw P7 features a safety-promoting design. It is equipped with a safe cockpit with a transparent shield and a camera system for real-time view to the front of the machine for preventing accidents from happening when moving the machine. Furthermore, the control system prevents lowering the saw blade when it is not rotating, and an automatic fast blade stop when a cut is finished further adds to the operational safety.

A motorized telescopic blade cover with noise reduction reduces spreading of cutting dust.

Flow sensor for cooling water stops the cutting if water feed stops. This feature adds to safety as well as protects the saw blade.

### DESIGNED FOR EASE OF USE

A durable and simple user interface makes the machine easy to use. The machine features a stepless parameter adjustment function for blade rotation speed, feed speed and forward/reverse speeds. In addition, slab-type specific cutting programs can be saved to the operation system.

### SIMPLE MAINTENANCE

Saw P7 is electric-driven so the machine needs only minimum amount of maintenance. Set-up is also fast thanks to the inverter-controlled blade – there's no need to change belts when blade size changes.

Troubleshooting the machine is easy: there are clear alarm codes, data logs and a status display. Remote troubleshooting is also possible via an internet/WiFi connection.



## 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

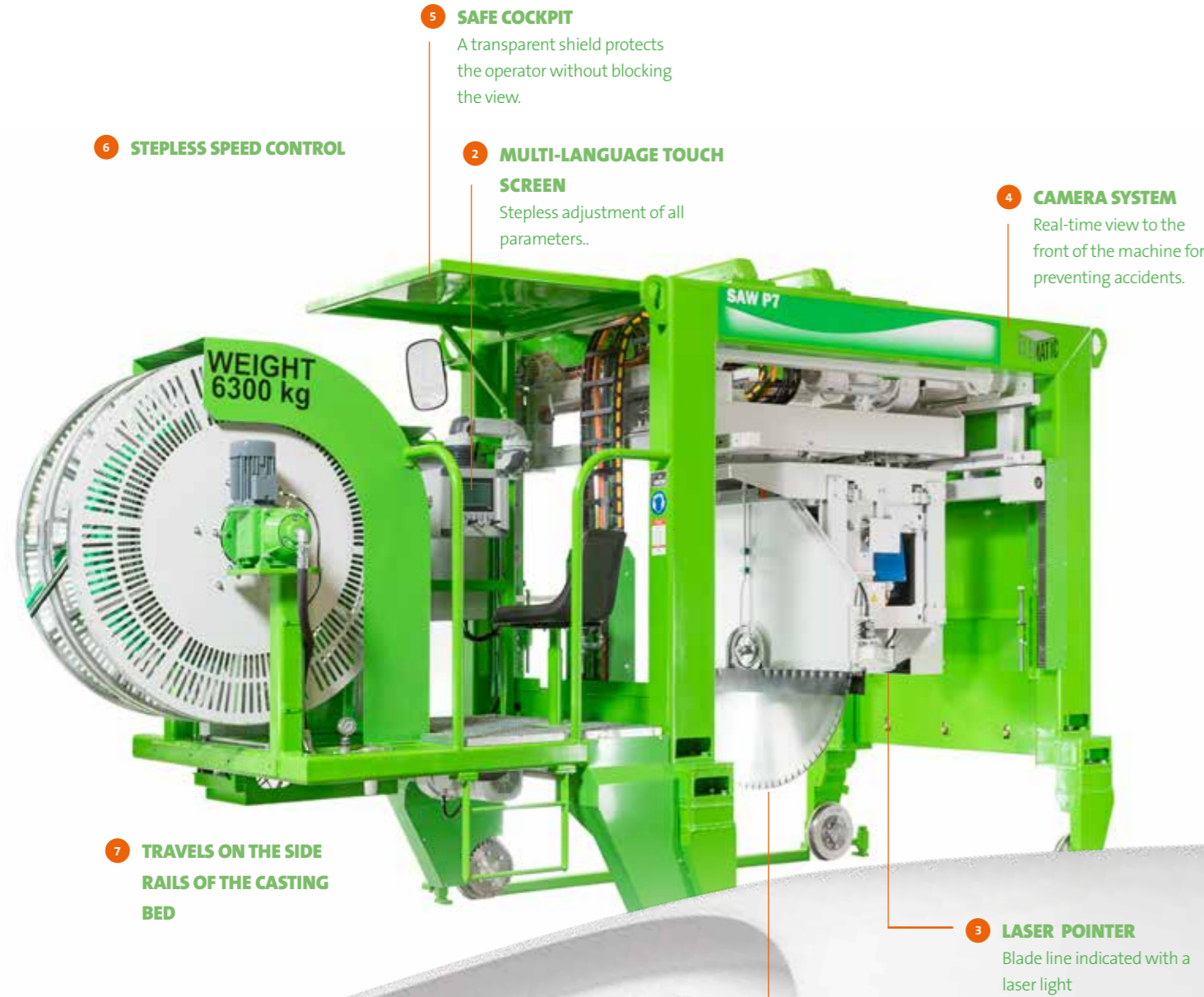
Spare part availability is key to keeping a precast factory running smoothly, which is why we have over 3000 spare part items available in stock for fast delivery from three different locations: Finland, the UAE and the USA. It's not just the availability of spare parts, it's also their quality: our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



# SAW P7



6 **STEPLESS SPEED CONTROL**

5 **SAFE COCKPIT**

A transparent shield protects the operator without blocking the view.

2 **MULTI-LANGUAGE TOUCH SCREEN**

Stepless adjustment of all parameters.

4 **CAMERA SYSTEM**

Real-time view to the front of the machine for preventing accidents.

7 **TRAVELS ON THE SIDE RAILS OF THE CASTING BED**

3 **LASER POINTER**

Blade line indicated with a laser light

1 **INVERTER-CONTROLLED BLADE**

Fast and easy set-up

## FACTS IN BRIEF

Length (w. cable/water hose drum)	5 100 mm
Height	2 890 mm
Width	1 650 mm (65")
Cutting blade, diam.	800-1 300 mm (32-52")
Saw driving speed, stepless	0...0.67 m/s --- 2.2 ft/s
Weight without drums	5 600 kg (12 345 lb)
Slab dimensions:	
Width	max. 1 250 mm
Height	max. 520 mm

## 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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**SMART CUTTING**  
ELEMATIC SAW P7

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