



## High speed. Low dust. **PREPARER E9**

Elematic Preparer E9-1200p cleans the casting bed, pulls the pre-stressing strands and oils the bed surface in hollow-core slab production. The machine is equipped with features that not only help preparing beds for hollow-core casting fast but also reduce dust emission, minimize oil and fuel consumption and prolong the lifetime of the beds.

### **POWER IN BED PREPARATION**

Thanks to the robust structure and a powerful 4-wheel drive engine, Preparer E9 can pull several pre-stressing strands simultaneously and remove large concrete residue with ease. The profitability of the machine is further enhanced by fast oiling speed of 30 m/min.

All machine operations are hydraulic: running, rotating and lifting the brush as well as machine movement.

**Imagine: If fast oiling and strand pulling decrease your preparation time by 12 minutes per bed, you will save up to 12 000 EUR annually.**

### **LESS DUST. BETTER WORKING CONDITIONS**

Official regulations on silica dust emissions are getting stricter and stricter around the world. In hollow-core production, dust is a common challenge. Preparer E9 helps to beat the dust: the machine features an advanced dust reduction system with high vacuum power. While the machine prepares the casting bed, the system sucks the air from inside the brush cover. This prevents dust particles from returning to the air and therefore greatly reduces dust level around the machine. Large long-lasting and easily replaceable filter helps maintenance.

### **EFFICIENT OILING**

Optimized spraying pattern guarantees even distribution of oil which gives good protection to the bed surface and enables easy removal of slabs. Spraying takes place under a cover which minimizes unwanted emissions to the surroundings. During the oiling process, strands are lifted on the strand comb behind the machine to keep the strands clean from oil. The oiling beam itself is hydraulically lowered and raised. The machine is also equipped with large 60-liter oil tank.

### **EXCELLENT CLEANING RESULTS**

Preparer E9 is a robust, heavy machine. The machine's massive weight combined with 4WD provides high traction and therefore excellent cleaning power. Preparer E9 features a large brush made of long-lasting plastic material. Thanks to the smart design of brush, solid particles are not pushed on the bed so bed surface is not harmed.

Less time is required for brushing as the particles are gathered into a large container on the machine. The container also features hydraulically-operated tilting for emptying which cuts brushing time even further.

A gutter brush for keeping the gutters clear is available as an option.

### **LOW FUEL CONSUMPTION**

Preparer features a diesel engine with ECU-controlled LPG (RPM) which translates into low fuel consumption. The machine is also battery-operation-ready.



## **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.





# PREPARER E9

**6 EASY TO CLEAN**  
Machine structure prevents concrete spreading.

**1 ADVANCED DUST REDUCTION SYSTEM**  
Prevents dust particles from returning to the air.

**2 4-WHEEL-DRIVE**  
High traction enables pulling several strands at once

**5 MODERN CABIN**  
Good visibility and excellent protection for the operator



**3 LONG-LASTING BRUSH**

**4 LOW FUEL CONSUMPTION**  
Engine LPG (RPM) controlled with ECU

## 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.

[www.elematic.com](http://www.elematic.com)

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SMART EVOLUTION



Preparer E9: 102-0319-EN-200

### FACTS IN BRIEF

Width	1 600 mm
Height	2 100 - 2 550 mm
Length	5 000 mm
Weight (empty)	5 100 kg
Ground clearance	410 mm
Speed (free)	60 m/min
Speed (brushing/strandpulling)	30 m/min
Speed (oil spreading)	30 m/min
Mold oil tank	60 l

**ELEMATIC**  
SMART EVOLUTION

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**EFFICIENT BED PREPARATION**  
ELEMATIC PREPARER E9