

# AUTOMATIC PLOTTER E9

## 1 INKJET TECHNIQUE

Marks cutting lines, rectangles and circles accurately.

## 2 DURABLE USER INTERFACE

The touch screen is easy to use; you can zoom and drag and drop items.

## 5 LASER POSITIONING

Laser positioning enables the exact marking of cuts, openings, reservations and codes.

## 3 SAFE AUTOMATIC OPERATION

Ultrasonic sensor and a buffer with light sensor on both sides.

## 4 BATTERY-OPERATED

No cables needed. The fully-charged battery lasts 16 hours, or one to three days, depending on the beds and machine usage. Batteries lasting up to 3 years.

## FACTS IN BRIEF

|                               |              |
|-------------------------------|--------------|
| Height                        | 2 200 mm     |
| Length                        | 1900/2800 mm |
| Width                         | 1 800 mm     |
| Max. slab height for printing | 600 mm       |
| Drawing speed                 | 10 m/min     |
| Drawing accuracy              | ± 1.0 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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**FAST AND ACCURATE MARKING**  
ELEMATIC PLOTTER E9

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# AUTOMATED ACCURACY: PLOTTER E9

## MINIMIZE ERRORS

Hollow-core slabs need to be cut according to specific measurements. Elematic's Plotter E9 marks all cuts, openings, reservations and codes quickly and accurately during the hollow-core slab production process.

The Plotter E9 also marks the places for dividers and fittings on an empty bed surface.

Automatic plotting with laser positioning ensures consistent measurement quality. You can forget about manual tape measures and the possibility of human errors.

In addition, minimizing errors reduces waste. Preventing only one mistake in every 500 slabs would save some 26,000 € every year.

## SAVE TIME

Manual marking time can take around two minutes per slab. At the casting rate of 10,000 slabs per year, the total time saved with automated marking is 333 hours annually.

When you calculate the time saved each year by automated marking, you see a speedy return on investment.

Watch video:



## DIRECT WIRELESS TRANSFER

Automatic Plotter E9 is suitable for all hollow-core slab factories.

A new level of plotting accuracy is reached through a direct transfer of slab design details file from the design software (such as Tekla Structures BIM) to the Plotter's FloorMES machine control system.

The transfer takes place via a wireless remote link connection without any manual interventions, which removes the risk of human errors from this stage in the process.

## DESIGNED FOR OPERATORS

A simple 15.6" touch screen makes the Plotter E9 easy to operate. The user interface is designed to meet the everyday plotting tasks in precast concrete plants.

The Plotter E9 is battery-operated. It is equipped with safety-promoting features. Buffers on both sides and light sensors as well as ultrasonic sensors spot any risks. The machine will stop if there are any obstacles.

## SIMPLE MAINTENANCE

Clog-resistant print head make the maintenance of the machine easy. The machine is ready for remote troubleshooting and support via a WiFi link (network connection required).



*After two months of active use, we have just positive things to say about the Plotter. It draws well. The Plotter is pretty simple to use and easy to learn.*

**Matti Surakka,**  
Supervisor, Parma Oy, part of Consolis Group

# 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.

