



Extruder E9-1200e

**ELEMATIC**

SMART EVOLUTION



## COST-EFFICIENT PRODUCTION OF HIGH-QUALITY HOLLOW-CORE SLABS

Extruder E9-1200e utilizes shear compaction that adjusts to concrete properties. It makes full use of the technology since all shearing power goes into the concrete rather than vibrating the machine. This state of the art compaction results in hollow-core slabs with high load-bearing capacity and exceedingly accurate dimensions on height and voids.

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The smoothness of the slab surface requires minimum finishing on site. Precast hollow-core slabs save up to 50% in concrete compared to cast-in-situ. Furthermore, superior compaction makes it possible to reduce the cement content. Extruder E9-1200e is also available with an automatic compaction control system.

Extruder E9-1200e is a robust machine with a long lifetime - mainly because it does not vibrate. In addition, the noise level in the factory is dramatically lowered. The machine is sturdy and durable, fast to clean, and easy to maintain. Extruder E9-1200e is designed for continuous production, which means high uptime.

## FACTS

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### Facts about Extruder E9-1200e

Length, with cable drum	4810 mm
Width	1670 mm
Height, depending on nozzle module	2110-2150 mm
Wheelbase	3500 mm
Rail gauge, standard Elematic casting bed	1292 mm
Volume, concrete hopper	1.80 m <sup>3</sup>
Total weight, depending on nozzle module	6300-8500 kg
Noise level	< 80 dBA

### Facts about end product

Type	Prestressed hollow-core slabs
Height of slabs	160 - 500 mm
Voids	4 - 8 (various shapes)
Width	1200 mm (also available in 1500 mm)

## BENEFITS AT A GLANCE:

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### Flexible and customized production

All settings are saved and used automatically when changing nozzle modules. Data is recorded and stored for optimal monitoring and control.

### Cost-efficient and flexible production

High casting speed. All settings are saved and used automatically when changing nozzle modules. 12" touch screen has easy to use intuitive menus. Online troubleshooting for direct support from Elematic Help Desk is possible.

### Superior slab quality

This unique quality is achieved by controlled shear compaction. Data is recorded and stored for optimal monitoring and control.

### Long equipment lifetime

Wear parts have a long life and are easily accessible. E9-1200e is also available with software that supports fully automatic operation.

## END PRODUCTS

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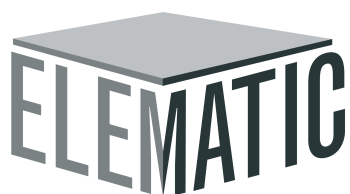
### Hollow-core slab, extruded

Prestressed hollow-core slabs are prestressed floor elements with either round or shaped voids, depending on local conditions. Featuring advantages such as longer spans and excellent load bearing capacities, our proven technologies for prestressed hollow-core slabs allow you to build large areas with less need for partition walls, resulting in unprecedented architectural freedom during and after construction. The success of our technologies is also due to highly efficient design and production methods, wide choice of unit depth and capacity as well as smooth underside and structural efficiency. For the manufacture of prestressed hollow-core slabs, Elematic offers state-of-the-art extruder technology and slipformer technology, with the latter excellent also for other products

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.



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