



# RATEC Battery Systems

The trend-setting pocket battery systems for the vertical production of precast concrete elements

# The better ideas turn precast concrete element production upside down.

- **Cost-effective production of complex, all sides smooth and extremely high-quality precast concrete elements.**

The whole creativity and the engineering know-how of an experience of more than 40 years in the development and rationalization of precast concrete plants is to be found in the pocket battery molds. Together with the well-proven upcrete® technology our pocket battery molds demonstrate day by day, on three continents, their high quality and economic efficiency. The finished products achieved distinguish by all sides smooth surface concrete, as well as by minimal geometry tolerances. Thus, the molds impress extremely with their employee-friendliness and robustness.

## ➤ **upcrete® technology** stands for

- **Uses self-compacting concrete (SCC)**
- **Complete filling of even the most awkward geometries**
- **Formwork filled with concrete pumped upwards from below**
- **In situ production of complex concrete units**
- **Smooth form finish surfaces all round**
- **No screeding or smoothing of surfaces**
- **Minimal quantities of concrete residue**
- **Maximum dimensional accuracy of parts**
- **Quiet, minimal waste of materials, efficient and ecological concrete elements production**
- **Shorter formwork laying times**



Tensionable mechanically



Special battery mold

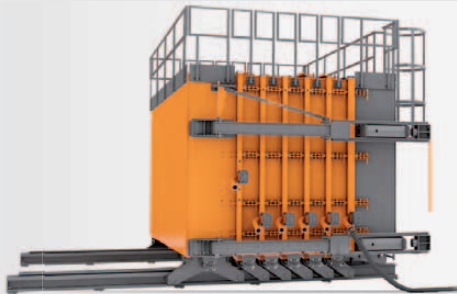


Tensionable hydraulically

More information:  [www.ratec.org](http://www.ratec.org)



# The RATEC Battery Mold System



## ➤ Battery System

- Can be filled from above, from below and from the side
- Tensioned hydraulically or mechanically
- Available as a single or twin battery
- Further specifications on request



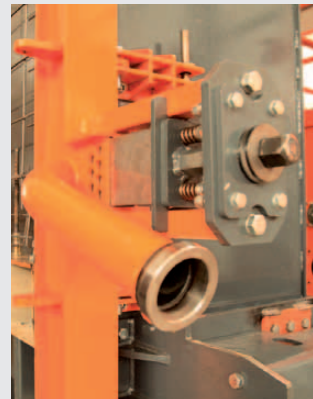
Hydraulic battery system with pump car



Modular side formwork



All sides smooth surfaces



Universal Concrete  
Inlet UCI Square

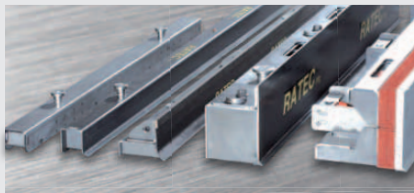




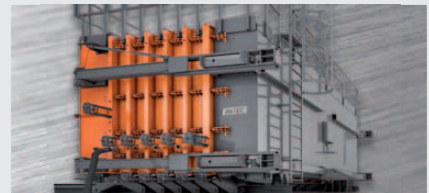
## ➤ RATEC program



➤ Shuttering magnets



➤ Shuttering systems



➤ RATEC Battery System



➤ Inserts & Insert Magnets



➤ Special shuttering



➤ Upcrete® Pump Station

**RATEC**  
*Meet the better ideas!*

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