Products & Services
for an efficient production of high quality precast concrete elements.
RATEC shuttering magnets offer an ideal range of applications perfectly suitable for all kinds of formwork construction, both for wood and steel shutterings. All RATEC precision magnets have extraordinarily high adhesive power in comparison to their weight. The proven RATEC Automatic System to activate and deactivate the magnet allows unlimited options at the push of a button. With the accordingly developed adaptor technology RATEC magnets present unlimited options for use, which meet your requirements at all times.
RATEC shuttering systems have proven their outstanding qualities under tough practical testing. Through an ongoing development, we have developed a modular system which can be used flexibly, rapidly, safely and efficiently in every field. RATEC shuttering systems key features are: integrated high-performance magnets, flexible formwork lengths and adjustable heights, easy positioning, fixing and removal of the shuttering, either in manual, crane or robotic handling. This provides a cost effective, efficient solutions for the production of high quality precast concrete elements.

We will be pleased to develop individual formwork and production solutions upon your request.
Adapters

⇒ The fastest way to fix shuttering elements.

RATEC adapters are used for the quick fixation of window and door recesses, wood shutterings, fibre concrete upstands and other shuttering elements. The modular adapter system offers countless application possibilities. Special tailor-made adapters on the basis of your individual requirements can be matched perfectly to our standard magnets as well.

Traverses

⇒ An efficient way to handle shuttering elements.
Assembly Parts and Magnets

♫ Make sure, your inserts are in the right place.

RATEC's insert magnets and assembly parts for the fixation of shuttering elements or reinforcements have revolutionized the precast concrete industry and have proven themselves in practice. They present a cost effective solution, that will save labour costs and increase the quality of your precast concrete elements. With our unique combination of rubber and integrated magnets almost any shape can be realised. The adhesive force of the integrated magnet guarantees accurate positioning during the whole concreting process.

Crane Concrete Distributor

♫ Effective concreting with the economic crane concrete distributor.

The RATEC Crane Concrete Distributor with one-man operation saves material, reduces labour costs, makes work easier and improves the quality of concrete precast parts. Different concrete thicknesses, displaced reinforcement, irregular compaction and expensive treatment belong to the past.
upcrete®

Cost efficient production of complex, all-sides smooth and extremely high quality precast concrete parts.

upcrete®:
(‘concreting upwards’) is a technique for pouring highly complex precast element geometries, combining all sides smooth surfaces and in-situ production with the highest possible degree of economical efficiency. In combination with intelligent shuttering and pump technology upcrete® constitutes a highly efficient and adaptable modular construction system based on self compacting concrete (SCC).

UPCRETE® TECHNOLOGY IS UNRIVALLED

- 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

UPCRETE® IS:
100 % ENGINEERING FROM RATEC AND REYMANN TECHNIK.
100 % PRODUCED IN-HOUSE.
100 % KNOW-HOW GAINED FROM OVER 40 YEARS OF EXPERIENCE.
upcrete® components

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

UPP 100/125
upcrete® Pump Station.
The compact multi talent for the concrete supply.
To create complex, high-quality precast concrete elements whose sides are all smooth.
- Easy cleaning
- Sensible adjustment of capacity
- Adapting to the requirements of precast concrete factories

UCI. Universal Concrete Inlet
For the precast concrete industry of the future.
- Enables the distribution of concrete with a smooth finish
- No touch-up necessary
- Clean filling process without left-over concrete
- Assembly on steel and wood molds possible

We will be pleased to develop individual formwork and production solutions upon your request.
For the success of your precast concrete production: Engineering & Consulting by Reymann Technik.

Your partner for the development of new production plants, rationalization of existing plants, project management and realisation of turnkey-solutions.

www.reymann-technik.de