



## HIGH-TECH MOLDS FOR HIGH QUALITY PRODUCTS

Battery mold is a space saving and productive cassette method, ideal for vertical casting of all kinds of solid wall and floor products with high capacity. Battery mold can be either single or double sided. Both sides of the mold can be used independently. With a battery mold with cold shutter system you can duplicate the capacity compared to the traditional battery molds.

The cold shutter plates are furnished outside the battery mold in special furnishing racks and transferred into the battery mold after the previously cast element has been taken out. The cast and pre-cured concrete element is moved from the mold for the rest of the curing. This accelerates the casting cycle significantly.

The novelty in this new kind of battery mold lies in the fact that the capacity of a standard battery mold has been nearly doubled by means of a so-called shutter plate. This means that the casting cell of an existing battery mold is halved with a new shutter plate that is moved by means of a crane. Besides the doubled capacity of each casting cell, the leading idea of the system is two castings per day; only casting and hardening take place inside the battery mold, demolding and outfitting are carried out elsewhere. This speeds up the production cycle and increases the capacity. Further advantages are that the molds require less space and are easy to use.

## BENEFITS AT A GLANCE:

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### **High productivity**

Double output compared to traditional battery mold due to cold shuttering. Furnishing and curing outside the mold accelerates the casting cycle.

### **Saves factory floor space**

Wall panels are cast side by side. All handling is done in vertical position.

## END PRODUCTS

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### **Solid wall**

A solid wall is a single solid structure without any insulation. Elematic offers a range of leading technologies for the manufacture of solid walls, both load-bearing and non-load-bearing, which are used in apartment buildings, houses, hotels and similar structures. Our technologies are also excellent for purposes such as stairwells and elevator shafts. Generally, the larger the wall units are, the more economic the project is and the better the site productivity.