

# Compact Batching and Mixing Plant

As Teknologisk Institut in Denmark decided to make an ultra-modern concrete laboratory they chose Haarup Maskinfabrik A/S as supplier of a batching and mixing plant for concrete. The plant should be ultra compact and at the same time, it

aggregates.

Powder batching takes place via 4 bins, which each can be filled with either bags or big bags of cement.

In addition to powder batching the plant can batch 4 types of



should be able to produce concrete like a concrete plant at another concrete producer.

This meant that we had to think untraditionally to carry out the task.

Aggregates are batched from 5 aggregate bins. Each bin is an exchangeable bin, which can contain a big bag load of aggregates.

The bins can be exchanged by a fork lift truck and it is therefore possible with more than 5 bins to have an infinite number of

admixtures, recycle water, local water, and colour slurry.

This compact plant is positioned on a steel platform with good access from both sides.

The plant is placed in the concrete laboratory at Teknologisk Institut in Taastrup, Zealand. Together with a robot, which can make moulds, the plant is used to test new aggregates and concrete.



Haarup Maskinfabrik A/S

+45 86 84 62 55

[www.haarup.com](http://www.haarup.com)

**Haarup**  
- the specialist

Teknologisk Institut, Beton

Gregersensvej

DK - 2630 Taastrup

[www.teknologisk.dk](http://www.teknologisk.dk)



DANISH  
TECHNOLOGICAL  
INSTITUTE