



BEMA Says Hello To Nature - And Wishes Everyone A Great Summer!

Solar panels on the roofs of our production halls so we can produce our own energy. Electric cars for the sales team. And a wonderful outdoor environment where bees and flowers can thrive.

Does it sound like a fairytale from a distant future? It's not! Here at BEMA, we have focused in recent years on how we can contribute to the green transition and improve the local environment. The latest initiative is that we will set up beehives on our grounds. We are

talking to a local beekeeper about how to do this in the best way possible. In the meantime, we are ensuring that not only bees, but many other insects from butterflies to ladybugs, have something to live from: We are seeding wildflower seeds in the fields and have already planted more than 60 fruit trees and many berry bushes on the grounds in front of our administration building and canteen. The green lawns may be replaced by a more varied outdoor environment with high biodiversity.



BEMA produces in the hardest steel, but we care for the environment and want to help contribute to create a better environment for everyone.

With this little summer story, we at BEMA would like to wish you all a very happy summer. Soon it will be summer vacation for most, and we hope you have the opportunity to relax.

BEMA A/S will be closed for vacation in week 29 and 30, and in the week before (week 28) and the week after (week 31) we will operate with reduced staff. Please order wear parts and other items you know you might need well in advance.

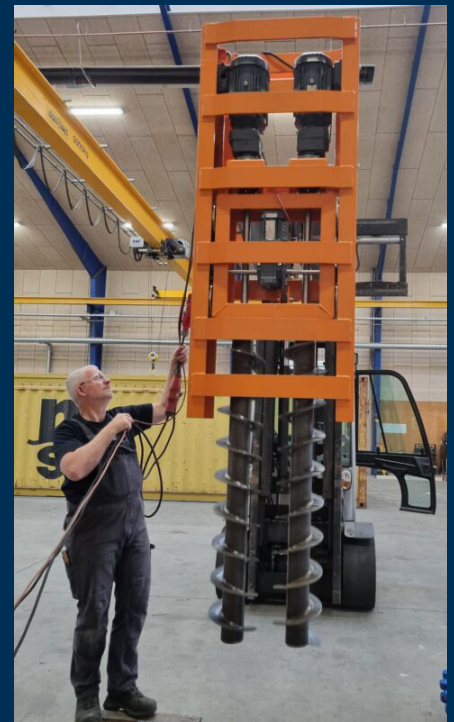
Screw Rotor Rack to Loosen Dried Malt Keeps the Process Running

We have just delivered a special solution to the food sector – a good example that innovation is possible even though BEMA is 77 years old. The years bring great experience, and when we combine the experience from all our loyal employees, there are no limits.

We are talking about a so-called malt loosener, which is used in a process where the product sometimes sticks together. When this happened, the material did not progress through the system. In close collaboration with the customer, we developed a solution with screw rotors that move up and down in the vessel through the material to loosen it. This way, the customer avoids production stops.

The best way to compare the solution is to a very large electric mixer with two Ø220 mm rotors as beaters – a good example of thinking outside the box.

Read more
about solution no. 35996



A small Solution With Long Screws



No task is too small or too large for our skilled blacksmiths here at BEMA. We have just completed a 'small' project with just two screw rotors. On the other hand, they were over 46 meters long – divided into lengths of 22.5 meters and 23.5 meters, respectively.

Such a project takes up some space in our facilities but is not unusual for us. To ensure that the screws can deliver uninterrupted transport of the media they need to move, they are built in sections with hanging bearings.

Contact us if you need a similar transport solution for your upcoming project or have special ideas and needs. We strive to create security for all customers, and we will guide you all the way from the idea phase to the finished product.

Read more about
solution no. 36562

Sorting Unburned Waste

When heat and power stations burn waste in their large facilities, it ends up as ash and slag. Sometimes unburned waste, such as styrofoam and microplastics, can pass through the furnace grates. Previously, all this was used, for example, as road fill, but today the rules are stricter, requiring unburned waste to be separated from the rest.

Our development team got creative, and BEMA has designed a special screw that incorporates a form of water trap. The solution has just been installed in one of the large incineration plants in Denmark. A small transport screw forces the material down into a kind of water lock or water tank. Here it is cleaned and washed, after which it is caught by the solution's second screw, which rotates in the opposite direction, and transported further to various outlets, so it is correctly sorted into relevant fractions. In addition to being used to wash the waste, the water tank also prevents fake air from returning to the incinerators.

The impressive part of this setup is that the two screws must deliver and transport the waste under a water surface and each in different directions. It is a difficult task to solve, as gravity will work against the desired way the waste should be driven forward –instead, all waste will naturally float upwards.

A solution like this places great demands on BEMA's knowledge of screw conveyors, material flow, process knowledge, as well as the design and execution.

Contact Ronny Bæk at BEMA A/S if you want to know more about the solution that meets the latest requirements for sorting and treating slag and unburned waste.

Read more about
solution no. 36593



REMEMBER...

- BEMA is a complete supplier of screw shafts as well as screw flights and shaft segments, including conical flights.
- We supply all types of screw rotors, and are one of the market leaders for screw conveyors, designed for any purpose.
- We manufacture everything according to individual customer specifications. We make to order, ensuring maximum customer adaptation, and keep a full stock of spare parts.