
REMEMBER

- BEMA can supply any kind of spiral or screw flight, including conical ones.
- We also supply all types of screw shafts, and we're one of the leaders in screw conveyors manufactured for any purpose.
- We deliver everything according to client specifications. We manufacture items to order, providing full customer satisfaction, and we always have reserve parts in stock.
- We stand ready to assist you if you experience operating difficulties. Contact us, and we'll tackle the job with our highly flexible approach.
- BEMA has its own design and fabrication departments, and we handle every stage of the production process in house. You will find us a highly competent partner.



All of which ensures that we can solve any transport need that involves screw conveyors – from idea to final result.

Our development and production facilities are located in Haderslev. That means that you'll find us close at hand, which is an advantage when you need a custom solution – especially if it's urgent!

CONTACT

Contact BEMA on email: info@bema.as or phone: +45 7452 1621

Our dedicated colleagues are ready to assist you with help, consulting and specification of your transport solution, which fit to your needs.



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NEWSLETTER

MARCH 2018



NEWS FROM BEMA

We're just heading into spring, yet already 2018 promises to be a year of many exciting collaborations with you.

This year, BEMA is taking part in three major trade fairs for professionals in our sector. We hope to see lots of our clients and other interested parties at our stand. Two of the trade shows will take place in Denmark in November, but already in May we'll be off to IFAT in Munich. We'll be there not just to present our products and solutions, but also to see what other companies are doing. Trade fairs are an important source of inspiration to our customers – and to us as well.

When we talk about our solutions and projects, we often focus on the newest materials and technologies. Yet it is also worth remembering that behind everything BEMA does, the fundamental technology – the transport of media using screw conveyors – was already being used in antiquity. Read more below about how people have been using Archimedes' invention of a screw for moving water right up to the present day – and how we just incorporated it into a sewage treatment plant, where it's proving highly beneficial in transporting wastewater. It's a task in which screw conveyors provide obvious advantages for both operation and maintenance.



AN ANCIENT INVENTION THAT'S HIGHLY RELEVANT TODAY

More than two thousand years ago, when the mathematical and technical genius Archimedes conceived of a screw for raising water, he little suspected what people would be using his amazing invention for in the present day.

At BEMA, for instance, we've just replaced three large Archimedean screws in a sewage treatment plant. Here they're being utilized to transport wastewater. The method is efficient and cost-effective, because the screw conveyors provide an alternative to standard pumps, which demand a great deal of maintenance. An Archimedean screw is itself a type of pump that exhibits remarkable operational reliability over time. It isn't unusual for these screws to function for more than 20 years without needing any significant maintenance. Wastewater can contain diverse chemical fractions, which the Archimedean screw can readily handle without sustaining damage. That makes it an inspired solution for sewage treatment, where wastewater has to be dealt with around the clock, all year long.

BEMA has carried out every aspect of this project. We removed the old screw shafts and mounted new ones. The three new shafts are each 11 metres long, with an external diameter of 1500 mm. In addition, we poured a new foundation under the shafts, replaced the gears and installed a new lubrication system for the bottom bearings – so that the equipment is now set to operate dependably for years to come.



BEMA is able to carry out the entire job of renovating Archimedean screws in existing wastewater inlets.

VISIT AT TRADE FAIRS IN 2018

If you're going to one of the trade fairs below, remember to stop by our stand. We'll be exhibiting our product lines and presenting solutions that we've developed for all kinds of screw transport.

You'll have three opportunities, in both Germany and Denmark:

IFAT | MUNICH

Meet us at IFAT, Europe's leading trade fair for water, sewage, waste and raw material management. It takes place in Munich on May 14th through 18th.

FOODTECH IN HERNING

Foodtech is Northern Europe's largest food technology trade show. We are naturally interested in showing you the solutions we've developed that are certified for use in the food industry, and the possibilities they offer you. The show will be held in Herning on November 13th through 15th.

AJOUR

Ajour is a professional conference for marine and technical engineers, with a focus on management and technology. BEMA's stand will feature our solutions for combined heat and power (CHP) plants and for the processing industry, as well as our component ranges.

The conference will take place in Odense on November 29th and 30th.

NEW CRUSHER FOR WOODEN PALLETS

Our subsidiary ACTA Recycling has just delivered a new crusher to a client – a powerful machine, designed for breaking down wooden pallets.

The crusher has been fabricated with two transport screws, operated by a programmable logic controller (PLC). Two variable-speed drives enable the rotation speed of the screws to be varied. That means that during crushing, operational stoppages can be minimized and the stress on equipment optimized.



The crushing of wooden pallets and other wood waste comprises a significant part of the growing recycling industry. The pallets are broken down for utilization in the production of wood pellets, which are subsequently used for combustion as biomass.

BESPOKE PRODUCTION IN HARDOX SAVES INSTALLATION TIME

Over the course of many years, we've become specialists in the manufacture of screw flights in Hardox. We fabricate them using cold-pressing and a highly controlled process that guarantees the best flights possible. The results are so good that our clients report saving one to two working days when the screw shafts are installed and adjusted.

We manufacture Hardox flights in sizes up to 1200 mm in diameter and approximately 15 mm in thickness.

