

---

## 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 all purposes.
- We deliver everything according to customer 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 mail: [info@bema.as](mailto:info@bema.as) or  
phone: +45 74 52 16 21

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



BEMA A/S  
Bredholm 3, 6100  
Haderslev, Denmark  
T: +45 7452 1621  
F: +45 7452 6050

---

# NEWSLETTER

SEPTEMBER 2016



## NEWS FROM BEMA

Summer is over, and at BEMA we're gearing up for what promises to be a busy autumn, serving new and existing customers alike.

In this newsletter, we highlight a custom solution that we developed for a potato starch factory, and describe our increased focus on component sales.

These two topics showcase BEMA's two primary strengths – on the one hand, complex, tailor-made solutions that draw on all our expertise, and on the other, the delivery of standard-specification parts, which we're striving to do better than ever.

At BEMA, we consider both business areas to be essential to who we are.



## SCREW SOLUTION HELPS STARCH FACTORY OPERATE AROUND THE CLOCK



Potatoes are an important crop, both for human consumption and industrial processing. A large percentage of them are turned into potato starch, more than 90% of which is used in industry. And not only for making foodstuffs, but also such things as corrugated cardboard. It's almost unbelievable how many products potato starch is used in!

BEMA recently delivered a specially designed silo solution to a potato starch manufacturer. The silo serves as a rawmaterial buffer within the facility. Four separate bottom screws feed potatoes from the bottom of the silo, and then transport screw conveyors guide them to the next stage of starch production.



The silo can hold up to 90 cubic meters. We designed it especially for potatoes, which can vary greatly in size. The potatoes are washed before entering the silo, but they can still contain impurities.

### Extreme durability

The bottom of the silo consists of four bottom screw conveyors, each of them 500 mm in diameter. The entire construction is held together by a steel frame that rests on load cells. The walls of the silo are reinforced with steel sections in order to withstand the weight of the potatoes. All the parts were fabricated from stainless steel with an acid-pickled surface.

The potato silo plays a key role in the starch manufacturing process, which is carried on around the clock. By connecting the conveyors to load cells, BEMA has been able to ensure a steady stream of raw materials.

BEMA was responsible for the entire project – from design and static calculations to manufacture, delivery and help installing and testing the silo.

As a result, the silo, with its screw and load systems, provides an excellent example of the range of expertise that we have at our command.



## AN INCREASED FOCUS ON COMPONENTS

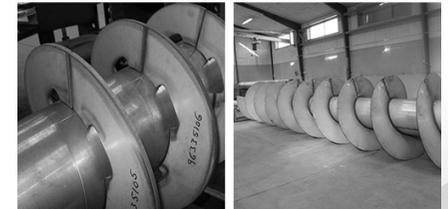
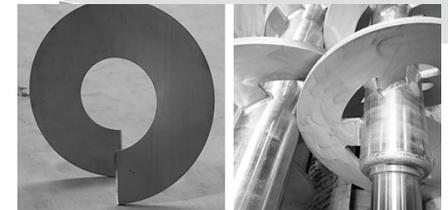
BEMA delivers components to companies that manufacture and handle goods in a wide variety of sectors – and now we're emphasizing component sales more than ever. To do so, we've hired an internal salesperson and increased our staffing levels so that we can serve our customers even better.

At BEMA, our assortment of components is both varied and extensive: spirals, screw flights and spiral flights, including conical screws. In addition, as one of the leading manufacturers of screw shafts for all applications, we can provide you with screw shafts of any type.

A specialized flight can give a transport screw additional functionalities, and so make it an even more important element in an overall solution. For instance, we have developed screw flights that feature folded flaps on their outer periphery. That enables the screw to mix raw materials while it still enables the screw to mix raw materials while it is still transporting them, making the task of blending them later on that much easier.

"A major part of our production is tailor-made," explains Jørgen Strøm, managing director of BEMA. "We design a lot of items as special elements in complex, comprehensive solutions – solutions where we take care of the entire process from design to operation. Our component sales, on the other hand, are limited to standardized products that we keep in stock. Our customers have chosen us over the competition in China because we are close by with good service and technical know-how. Our delivery times are short, and we've shown them that we add value."

We're looking forward to strengthening our on-going collaboration with our customers on component solutions.



## FAIRS 2016

BEMA is taking part in two exhibitions this autumn:

- The FoodTech trade fair takes place in Herning, Denmark, November 1st through 3rd. Visit us at stand M9792.
- Ajour 2016 is being held in Odense November 24th and 25th. Stop by and see us at stand 4414.

