

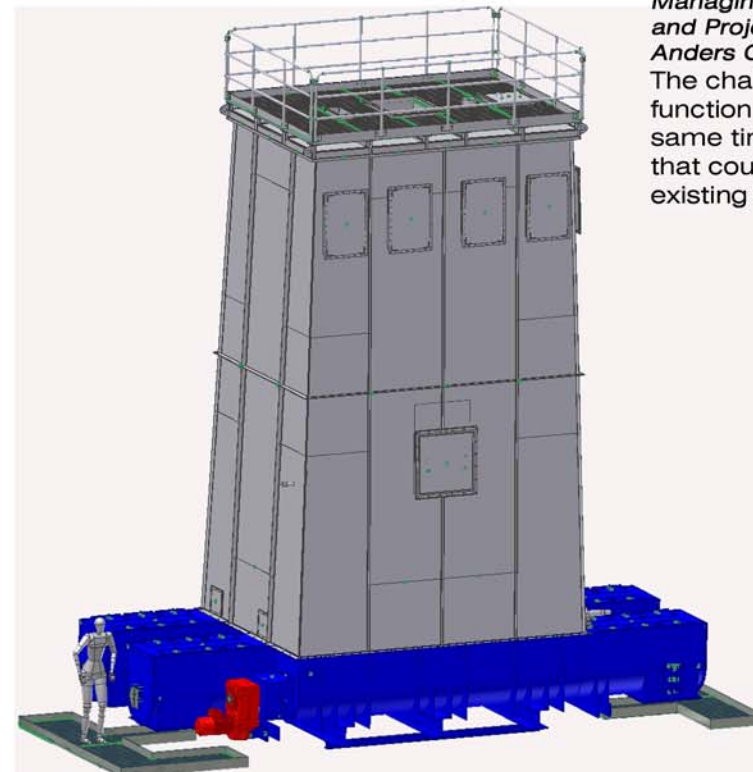
Screw bottom for biopellet factory:
 For dosing and distribution of straw to four pellet pressing devices.

Using well known and tested technology, BEMA developed, in cooperation with the Biopellet factory, a screw bottom and silo, which ensures that the straw can be dosed correctly to the following process. The equipment is installed and mounted in 9 days by our experienced erectorepersonnel, and it has been set into operation with success.



Managing Director Steen Madsen and Project Manager Anders Colstrup states:

The challenge was to ensure the function of the system, and at the same time make a construction, that could be cornered into the existing building.



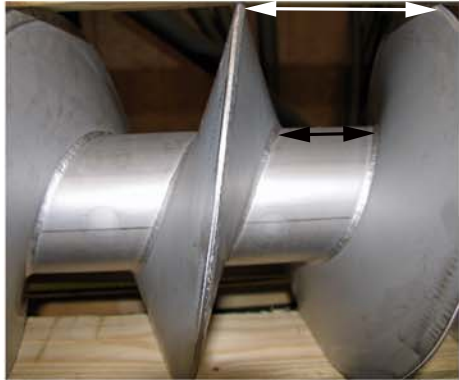
Facts:

- Silo, 100 cubic meter
- Silo in two sections, produced as by ATEX with blasting hatches, isolation, sprinkler system, filters, photocells, echo sounder and inspection hatches
- Screw bottom consisting of:
 - 4 ø800mm screw conveyors, length 7500 mm each
 - Speed and thereby straw capacity on each screw is adjustable
 - By maximum speed each screw performs 10 cubic meters cut straw pr. hour

View products and examples at:

www.bema.as

Screw rotors



Special order with 2 flights welded tip to tip. One flight is pressed inclined backwards and the other is pressed inclined forward.

The experiment is made to increase the distance between the flights from centre tube and out towards the edge of the flights – illustrated with arrows in the picture.



Screw rotors are produced as sub supplier work.

10 work stations are special designed for this purpose.

Through many years, 15 well educated blacksmiths and machine operators have developed a great knowledge of production and alignment of screw rotors and shaft ends.



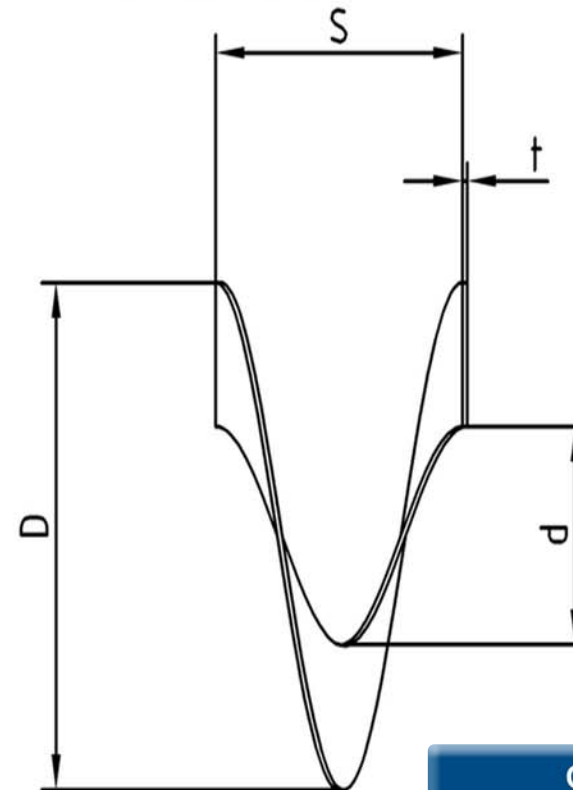
Screw flights



Example of special screw flights that BEMA has produced for many years.

Holger Bohnhorst, flight department, states: When we get a new task of special flights, it requires adjustment of our pressing tools, and some times even a whole new tool.

Steel is not just steel, it flexes differently in our tools, and that makes the experience crucial when a new special flight is ordered.



By order or inquiry for screw flights please state:

- Outside diameter
- Inside diameter
- Pitch
- Thickness
- Material
- Number of flights

On www.bema.as
You find inquiry formula

After 4 years of building.....

4 years of building is finally completed, and we have made this supplement to our newsletter to present the final result.

BEMA A/S has since 1947 been located at the address Kabdrupvej 2, 6100 Haderslev. At this address the company has evolved through many years, and a constant growth has demanded further production space. Space, that was not easily approachable at the address. BEMA A/S decided in 2005 to move the factory to our current address, Bredholm 3, 6100 Haderslev.

The Factory is now located in the business area of Haderslev- Vojens, close to the E45 motorway, exit 68.

The move has been executed in stages over a 4 year period. The factory is build in cooperation with Ellegaard Entreprise A/S, a cooperation that has been really good and non-complicated.

We are very happy that we now have the buildings, space and capacity to concentrate on our core-competences: **Screw conveyors and parts for screw conveyors.**



The building consists of:

Administration and kitchen, 980 m2 total

- where sales, construction and administration have there everyday work, all in all 12 people.
5 production sections, 3 of 1390 m2 and 2 of 1510 m2, all in all 7200 m2.

- Where 40 blacksmiths, machine operators and special workers produces screw conveyors and parts for screw conveyors.

On the backside of this supplement to the news letter are shown pictures from each department and production section.

In the new factory we have optimized the entire organization and the internal logistics, and thereby ensured an effective production to meet the market demand of price and quality.



Manager, Steen Madsen:
Management, sales and development.



Sales:
Sales, development and marketing



Administration:
Economics, administration and shipment



Construction:
Drawings and project management



Section 1, mounting:
Assembly of machines, receipt of goods and shipment



Section 2, plate:
Cutting, pressing flights



Section 3, screw rotor:
Welding of screw rotors and production of shafts



Section 4:
Cutting, bending, rolling, sawing



Section 5:
Welding of screw casing, support structure, silos etc.