

SCREW CONVEYORS

COMPLETE SOLUTIONS FOR SCREW LOADERS





SCREW CONVEYORS – infinite pitching options

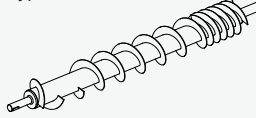
Screw conveyors are intended for conveying bulk materials and can be designed to convey any type of material from fly ash to foodstuff.

The Archimedean screw was invented several thousand years ago and since then, we have used the principle of conveying material by means of shafted or shaftless screw flights depending on the product and the task. This is a method that continues to work year after year with a minimum of wear as opposed to e.g. pumps, which endure heavy wear on moving parts.

BEMA manufactures screw conveyors are capable of conveying all types of materials from strongly abrasive materials to foodstuffs. Needless to say, we have all the necessary certifications required as a supplier to the food and pharmaceutical industries.

Extensive expert knowledge of screw conveyors is at the core of our screw flight production. We have developed a well grounded production technology enabling us to produce screw flights capable of compensating for the deviations between theoretical models and the actual product. Deviations that occur because the tensile strength and yield of various steel types differ. The result is reliable screw conveyors requiring a minimum of maintenance.

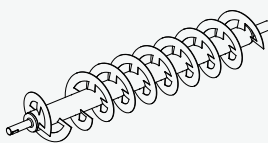
Type A



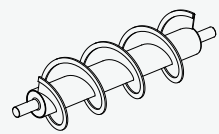
Type B



Type C



Type D



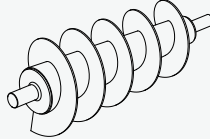
Type E



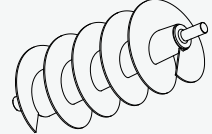
Type F



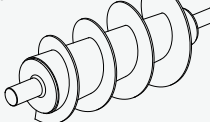
Type G



Type H



Type I



Type J

YOUR SUGGESTION

EASY AND SIMPLE

**Also screw conveyor repairs, replacement of flight screws,
and application of hardsurfacing alloys**

- Contact our sales department and state your specifications
- We can assist you with the calculation of specialised solutions
- Order confirmation sent to you for approval
- We deliver as agreed, including relevant documentation

DIMENSIONS:

- Thicknesses from 2 mm upwards
- Diameters from Ø 25 mm upwards
- Tapered finish inside and out
- Various pitches
- Forward or rearward flights

BEMA screw flights are cold-produced without heating. Available in the following materials and dimensions:

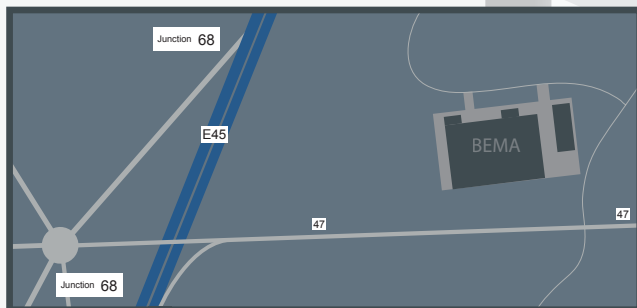
- Regular carbon steel EN 1.0570 and EN 1.0038
- Stainless/acid-resistant steel from EN 1.4301
- Abrasion-resistant steel in Hardox 400, 500, 600
- High-temperature steel EN 1.4835
- Hastelloy, and others

For more inspiration, visit our website: www.bema.as





Production halls: 6.700 m² – Administration: 800 m² – Area: 35.000 m² – Established: 1947



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