



Screw conveyor horizontal double Ø450x7000 mm - 35773



Specifications

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Industrial screw conveyor for light weight plastic transport

- Diameter screw rotor: Ø400
- Length: App. 7000 mm.
- Material: Carbon steel, painted to a customer specified RAL-color
- Screw flights are designed being able for light crushing the transported material
- Coupling between gear boxes and the screw rotors
- Size electrical motors: 9,2 kW

Additional Information:

Industry:	Process industry
Transported material:	Bulk material
Product type:	Screw conveyor
House:	Through
Surface treatment:	Carbon steel – painted



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Short Description

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Horizontal screw conveyor designed for transportation of waste plastic material as a fuel for the process industry.

- The horizontal screw conveyor is manufactured to be a plain working horse for material transportation
- The screw conveyor is designed for easy maintenance of moving parts
- The screw rotors are manufactured in 2 parts to ensure easy installation when being replaced
- Manufactured with displacement elements in the top to improve the material transport – the material is relatively light

Why use a double screw conveyor?

1. To increase the material flow without increasing the height of the screw conveyor
2. To make the screw conveyor redundant. If one screw auger fails, the other can still be used
3. To add different transportation possibilities into the material transport

See another example a double screw conveyor

During the design phase, BEMA has assisted the client with capacity calculation for different speed of the screw augers on the horizontal screw conveyor solution. BEMA has a design department that is able to help and assist customer with engineering calculation on screw conveyors to ensure optimal design due to actual transportation requirements. As a customer kindly note, that BEMA has capabilities to assist with all relevant engineering calculation when it comes to screw conveyor design and material transport.

After manufacturing of the different parts of the screw conveyor, BEMA has assembled the machine and made a test-run to document that all rotating parts are functioning. During this process pictures and videos have been made as part of the quality documentation. BEMA has described procedures for FAT-tests of all screw conveyors. This is described in our ISO-9001 quality system.