



Transportation screw conveyors

16 pcs. in 1.4301/AISI-304 - 35478



Specifications

Transportation screw conveyors 16 pcs. in 1.4301/AISI-304 - 35478

- Used material: 1.4301/AISI-304. The environment is semi aggressive, and this is the reason for using stainless steel.

- Manufacturing: All weldings 100%

- Surface treatment: Acid pickling after welding

After collecting material from a screw press and a sedicanter, the material is chopped in an Ø600 screw conveyor with knives in the side of the through in combination with cut-off on the outer diameter of the screw rotor. 3 transportation screw conveyors in the end distributes the material over a plan storage. This ensures an equal material level over the storage. The transportation screws are supplied with intermediate bearings. The intermediate bearings are designed for a semi rough environment and are sitting in a closed housing protected with simmerrings. BEMA has designed and calculated all machines as a complete line for material transportation. BEMA has it's own engineers and designers who are able to calculate, make drawings and document a complete series of tranportation screw conveyors - a complete transportation system. BEMA has manufactured the complete project based on own drawings, our own technolgy solutions developed inside the company over more than 75 years. When designing our own machines, we benefit from a database of drawings of well proven and stable solutions. Transportation screw conveyor technology is a classical mechanical discipline, which is far from todays view on fast development and fast market entry. On the other hand we offer our clients machines to work 24 hours a day over a long range of years.

Additional Information:

Applied steel in product:	Stainless steel
House:	Through
Product type:	Screw conveyor
Surface treatment:	Stainless steel – acid pickled
Transported material:	Biomass



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Short Description

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16 different conveyors of different sizes in a larger project

- Size 14 x Ø500mm and 2 x Ø600 mm
 - Shortest screw rotor is 6.000 mm – longest screw rotor is 13.600 mm (6 pcs. of the longest)
- BEMA A/S has in cooperation with the customer designed and manufactured this project.
The complete transportation screw system is designed to go around:
- Several pillars
 - Different floor levels
 - Walking decks
 - A staircase

The transportation screw conveyors are designed for easy installation on site.