



Trough screw conveyor for mineral wool - 28931



Specifications

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- Diameter: Ø600
- Length: 7000 mm
- Material:
- Housing manufactured in carbon steel and painted to a customer defined color
- Screw flights manufactured in carbon steel in combination with Hardox-wear flight
- Read more about wear flights here**
- Gate valve parallel to the trough - this ensures no blocking up of material under the gate valve plate
- Chain coupling between gear shaft and screw rotor
- Bolted lids with handles
- Designed for rough industrial environment

Additional Information:

Product type:	Screw conveyor
Industry:	Insulation
Transported material:	Insulation
Applied steel in product:	Carbon steel, Hardox plate
Surface treatment:	Carbon steel – painted



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Short Description

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Through screw conveyor to replace an old tubular screw conveyor. The screw conveyor is designed to manufacture to transport mineral wool waste – an abrasive material. The trough conveyor is delivered with a number of support cribs for easy installation on-site.

Key features for the screw conveyor application:

- The screw conveyor housing is manufactured with higher material thickness
- The screw flights have been applied with wear flights – **learn more about wear flights here**
- The screw conveyor housing has an extra outlet with a gate valve plate parallel to the U-trough

See another example of a BEMA trough screw conveyor

What is the idea behind using a gate valve plate parallel to the screw conveyor housing?

1. The parallel gate valve plates eliminates the possibility for the material to build up underneath
2. Some time of material will compress if you use a conventional gate valve, and the gate valve is closed
3. The parallel gate valve avoids this possibility

What is the advantage of a trough screw conveyor compared to a tubular screw conveyor?

1. The U-trough screw conveyor has lids which can be de-mounted
2. After de-mounting of the lids, the screw rotor can be serviced
3. In the actual case, the wear screw flights can be changed

When we design trough conveyor in BEMA we strive to deliver a complete solution in which we mean:

1. Deliver all related components needed to install the conveyor
2. Make it easy to maintain and service all parts in the screw conveyor
3. Using standard components that is easy to access in the market for delivery of spare parts
4. Deliver a complete documentation with the trough screw conveyor for easy identification of spare parts