



Hopper with horizontal extraction screw conveyor - 18348

Specifications

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- Material: Carbon steel - painted according to a customer defined RAL code
- The hopper is delivered completely including supports and lid
- Size app. 6m³
- Designed for waste material

Additional Information:

House:	Bin
Industry:	Recycling, Waste handling
Applied steel in product:	Carbon steel
Product type:	Silo / bin
Surface treatment:	Carbon steel – painted
Transported material:	Bulk material



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Short Description

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6 m³ hopper with a Horizontal extraction screw in the bottom. The extraction screw are only used to empty the hopper. If you combine a horizontal extraction screw together with a hopper, you can use the extraction screw as a dosing screw conveyor. The hopper with the extraction screw conveyor is design completely with supports ready to be put in place at the customer site. The support of the hopper is delivered with reinforcement plates take up the material pressure from the material inside the hopper. The hopper is delivered as a complete machine

What to clarify when you need a hopper with an extraction screw conveyor

1. Define the size of the hopper
 2. Describe the material and ensure that it is suitable for screw conveyor transport
 3. Define the flowrate in which you want to take the material out of the hopper
- With this information BEMA can propose a design suitable for the actual application.

See another example of a BEMA hopper with an extraction auger [here](#).

Hoppers in combination with a screw conveyor makes it possible to close the transport solution completely. This is relevant in the cases where you want to avoid emissions to the external environment. Compared to other solutions this is a very clear advantage in using a screw conveyor.

Designing hoppers in combination with screw conveyors require engineering capabilities. In BEMA we can support you in this process and ensure you get a good and well workable solution. When contacting BEMA, kindly send us the above required informations, and we shall give you an appropriate answer.