



ACTA 2-screw crusher for recycling, with special inlet hopper and outlet - 33924



Specifications

Weight	8.500 kg
Hopper inlet dim.	2100x2700mm.
Hopper volume. approx.	5,5 m ³
Outlet capacity All outlet capacities are approximated and depends on working conditions and type of material to be processed. Please contact sales for ACTA for more exact information.	2-5 ton/hour
Screw speed	Approx. 12 rpm
Motor power	2 x 18,5 kW
Electrical conn.	3x400 V - 50 Hz
Prefuse (App.)	120 Amp

Additional Information:

Applied steel in product:	Carbon steel
House:	Bin
Industry:	Gypsum handling, Recycling, Waste handling
Product type:	ACTA crusher
Surface treatment:	Carbon steel – painted
Transported material:	Gypsum, Insulation



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Short Description

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ACTA crusher for recycling with special inlet hopper and outlet – A complete project design, in close cooperation with the client and their needs at their factory.

This type of crushers, are low-speed, high-torque models, which shows as the rotors only rotate with an average of 12 rpm. On the contrary, it puts out around 15.000 Nm on each rotor shaft. The process of an ACTA is always depending on the material you feed into it. Reason is, that input material against input material, makes the grinding and separation of it self, as the screw rotors don't interlock with each other. This has a clear benefit, when looking at maintenance and lifetime of the machinery.

For this specific ACTA, the customer had several requirements for the final design, to fit perfectly into their production setup and demands. There were made following:

A customized floor stand with a precise given height, so the overall height of the complete setup would fit the customer's loading system.

A requirement of 3 leaning sides on the fillerhopper, so the vertical side, would become the loading side.

A special and rather flat outlet casing, to encapsulate and protect against all dust and debris from the rotating knives in the outlet holes.

A special and angled outlet screw conveyor, so it had required slope to deliver output into the next screw conveyor on site.

Lastly a large filler hopper "hood" where made as well, again to encapsulate dust and debris, where a filtration suction system will be installed on top.

Overall a very customized build, which shows the capabilities of our technical department and highly skilled workmen in our production.

Other ACTA solutions can be seen on this link