METAL BELT CONVEYOR

DIMENSIONS	***custom***
WEIGHT	***custom***
POWER	***custom***
VOLTAGE	***230/400 V***
LOADING	***continuous***

DESCRIPTION

The shutter conveyor has the function of transporting short and long swarf or of loading treatment devices.

Made of 30/10 sheet metal, it is reinforced and supported. Conveying takes place through hinged shutters, with double conveyor chain, chain tensioner, overload safety device and 0.55 kW geared motor. The channel can be made with anti-wear elements for the parts in greatest contact with the swarf, if this is particularly abrasive. It can also be equipped with a swarf collection tank or an oil collection hopper, with transfer pump (both optional).

SUPPLY

- Loading channel, custom length and width;
- Shutter belt, chains, pinions and shafts;
- 0.55 kW geared motor;
- Safety device to prevent overloading;
- Electrical components.

OPTIONAL

- Swarf collection hopper;
- Integrated coolant collection tank, complete with transfer pump and level sensor;
- Transport strips;
- Anti-wear kit.

HOURLY PRODUCTION						
Q = 0.1 m3/h	BRASS	STEEL	ALUMINIUM	STAINLESS STEEL	COPPER	CAST IRON
Δ density [kg/dm3]	=	=	=	=	=	=
Kg/h →	=	=	=	=	=	=

EACH CONVEYOR IS SIZED ACCORDING TO THE CUSTOMER'S REQUIREMENTS. THE QUANTITY OF SWARF TRANSPORTED ALSO DEPENDS ON THE HEIGHT TO BE REACHED AND THEREFORE ON THE INCLINATION OF THE CONVEYOR, BUT ALSO ON DENSITY AND SHAPE OF THE MATERIAL TO BE TRANSPORTED.

FAMA RESERVES THE RIGHT TO MAKE CHANGES TO THE PRODUCT WITHOUT NOTICE
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Last modification: 05/05/2020

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SWARF CHARACTERISTICS & TECHNICAL NOTES

1. The swarf can be short or long;
2. The swarf can be dry or soaked in coolant oil. In this case, an oil collection tank (optional) must be associated with the conveyor.

USE OF THE SHUTTER CONVEYOR

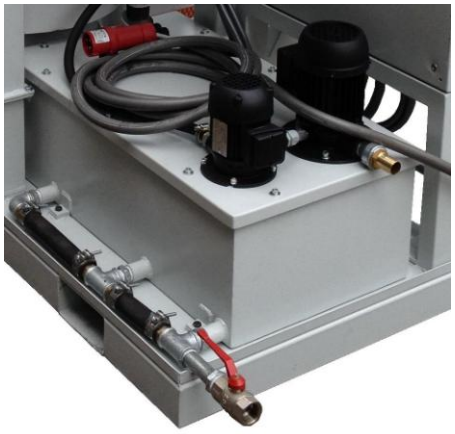
The shutter conveyor can have multiple applications:

1. Loading of the shredder or centrifuge;
2. Collection tank loading;
3. It is suitable for integration into swarf treatment units.

RECOVERED OIL COLLECTION TANK (OPTIONAL)

It is a small tank to store the recovered oil. The tank is divided into two parts. In the first half the recovered oil flows and settles, then overflows into the second half where the washing pump and the booster pump are placed.

On the bottom of the tank there are pipes for complete emptying of the tank, connected with ball check valve.



SUPPLY

- Tank made of painted steel (internally with anti-oil paints);
- Pump support lid;
- Lid for inspection;
- 0.14 kW washing pump and 0.4 kW oil relaunch pump;
- Electrical components.