



Hinged belt conveyors SF 38 and SF 50 sheet 1

Use

IMZ- hinged belt conveyors are used as single conveyors on non-linked machine tools or as transport systems.

They are designed for transporting long chipping, spiral chipping and wool chipping. Depending on the design the chipping may be transported horizontally or to a fixed height and then deposited. For wet machining processes the casing also acts as a storage tank for cutting fluids. Additional combinations with various types of filter systems are also possible.

Design

IMZ- hinged belt conveyors can be supplied with hinged belt pitches of 38 and 50 mm. The size of the pitch depends on the load capacity and the application of the conveyor.

Larger pitches are possible to order. The hinged belts have cams which are welded to the hinged belt at regular intervals. For wet machining with large quantities of cutting fluid the hinged belts may be supplied in a perforated finish.

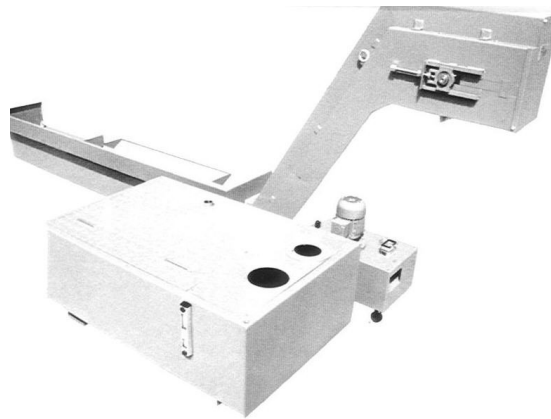
Modular constructed slip on gear mechanism motors with slipping clutch, which can be universally arranged, are used as drive unit.

Features of the SF 38 series

The main feature of the SF 38 is its low cross-section dimensions which mean that it can offer a high transport capacity even though it requires very little installation space. Other features include an overall length of max. 6 m, a box height of 120 mm and a max. 60° angle of incline to the chipping outfeed head. The transport speed is 2 - 3 m/min, as standard. Faster speeds are possible if required and to order.

Features of the SF 50 series

The SF 50 is used for high loads which are characterised by the fact that large quantities of chipping can be transported over long distances. The SF 50 series is supplied as standard with two box heights of 150 mm and 220 mm. The maximum infeed width is 1235 mm and the maximum transport length is up to 30 m, depending on requirements. The standard transport speed is 3 m/min. Conveyors with infeed lengths in excess of 4 m are supplied in several parts (flange) to optimise transport and installation.



Construction

Material: Casing and hinged belt made of sheet steel
Finish: Casing: primed
Hinged belt: bare

Available accessories

- Cutting fluid tank including level indicator, slot-in screen, pump and level switch
- Standstill monitor with inductive proximity switch, to order also with evaluation unit
- Version with electrical terminal box ready to plug in
- Mobile version
- Filter system