



CONVEYOR TECHNOLOGY

Scraper chain conveyor
Hinged belt conveyor
Screw conveyor
Magnetic conveyor
Belt conveyor

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Scraper chain conveyor

Scraper chain conveyors are used for the transport of short, broken metal chips, slurry as well as small parts and is therefore particularly suitable **for steel and cast iron chips** during dry and wet processing.



- Drive power: 0.09 up to 3 kW
- Lead angle: up to 60°
- Available for indoor and outdoor usage and with plug-in chains
- Manufacture from wear resisting materials or synthetics is possible
- Available as single conveyor with container or integrated into a system

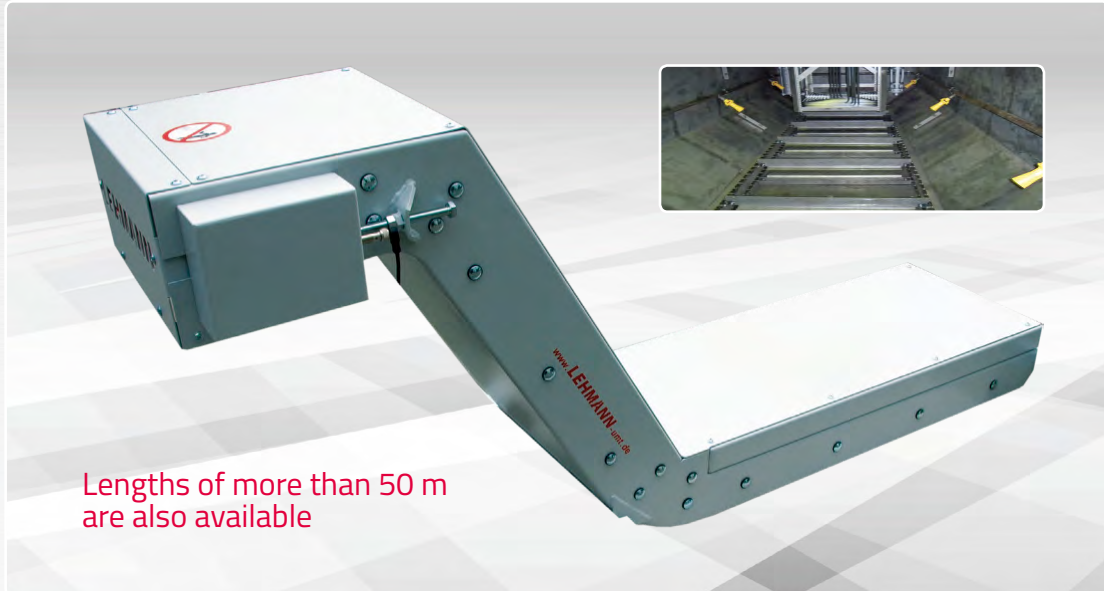
- Variable width
- Chain pitch: 38.1 - 63 - 100 mm



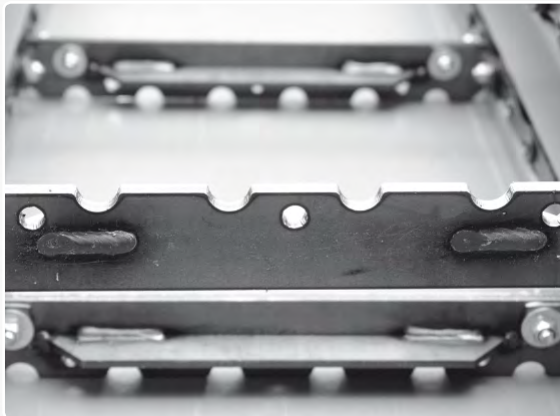
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Chain options



Lengths of more than 50 m
are also available

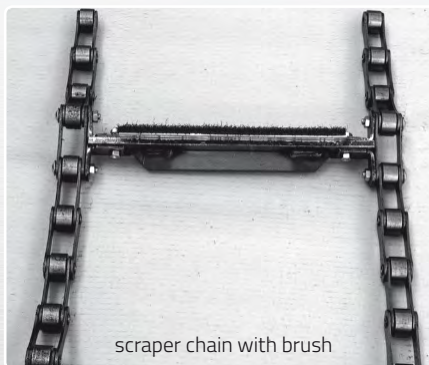


The continuous transport of the conveyed goods to the discharge point is executed by carriers of the container bottom and two roller or link chains. The accumulating cooling lubricants are collected in the conveyor housing, where the cooling lubricant can be exhausted by means of an installed container or a tank-to-tank transfer. The scraper chain conveyor is driven by a three-phase geared motor with overload protection.

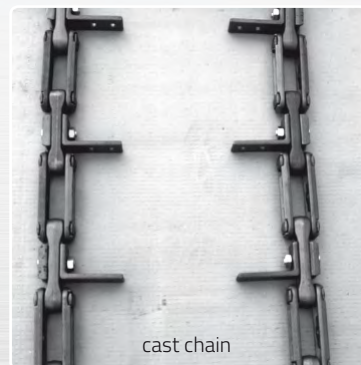
Chain pitch: 38,1 - 63 - 100 mm



Scraper chain



scraper chain with brush



cast chain

Certified according to German WHG and ISO 9001:2015

Hinged belt conveyor



The hinged belt conveyor is suitable for **long steel chips and woolly swarf** as well as dry and wet processing. According to the requirements it can be implemented as an individual conveyor or an interlinked device, can be manufactured from wear resisting materials or synthetics as well as designed for indoor and outdoor usage.



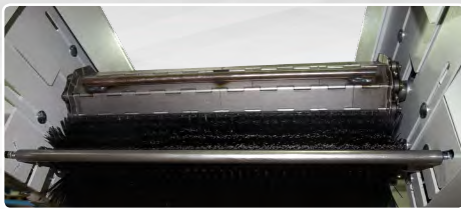
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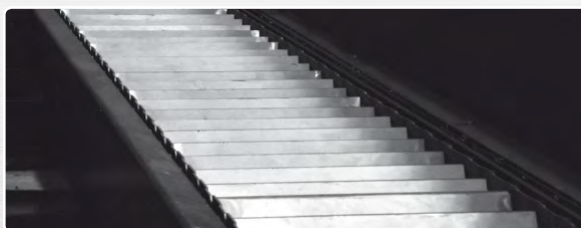
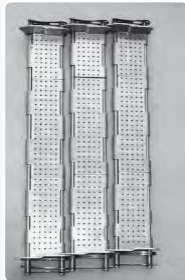
Belt options



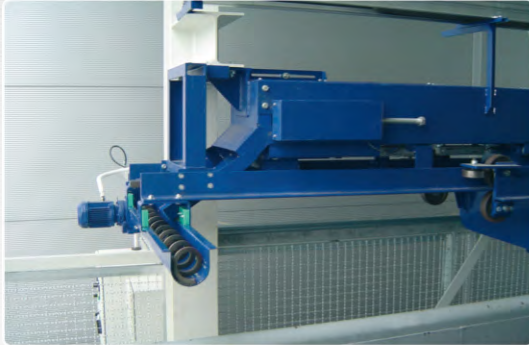
- Drive power: 0.09 up to 3 kW
- Lead angle: up to 60°
- Chain pitch: 38.1 - 63 - 100 mm



The conveyed material is transported on the upper side of the circular hinged belt of an endless belt. Carriers ensure the further transport on the ascending part. The cooling lubricants are collected in the conveyor housing and they are recirculated into the machine circuit by means of an **optionally supplied coolant container** or a pumping station.



Screw conveyor



Areas of application:

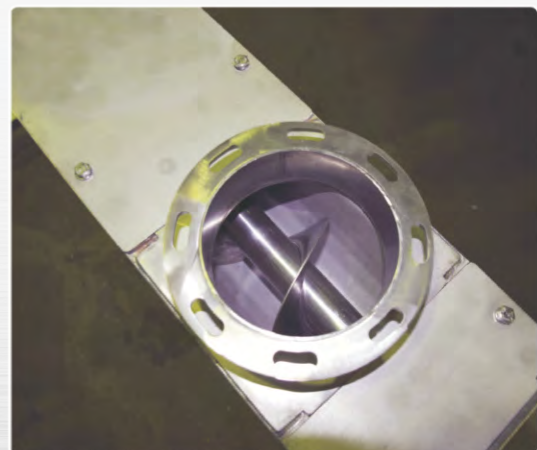
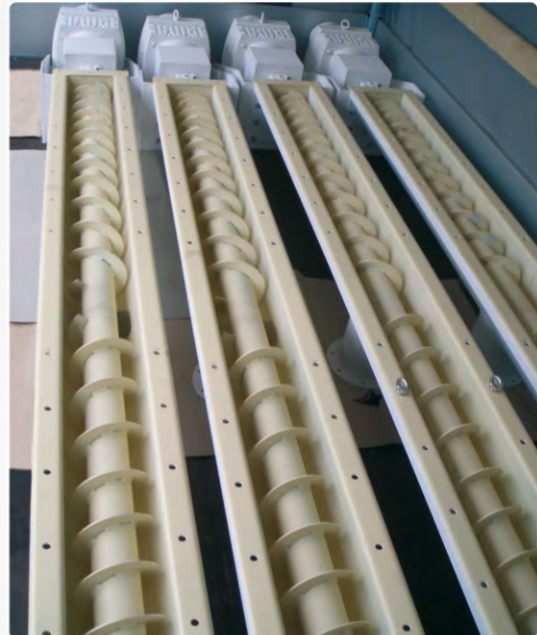
He transports small and fractured metal chips, such as steel and cast iron chips, as well as other fluid materials. It can be used for dry and wet processing. All screw conveyors are available as single conveyors with container. They can also be integrated into plants.

Functional principle:

The bulk goods are continuously conveyed horizontally or vertically in conveying screws. Screw conveyors have a directly operated screw.

Technical parameters:

Drive power: 0.09 up to 3 kW (available as single conveyor or integrated into a plant)

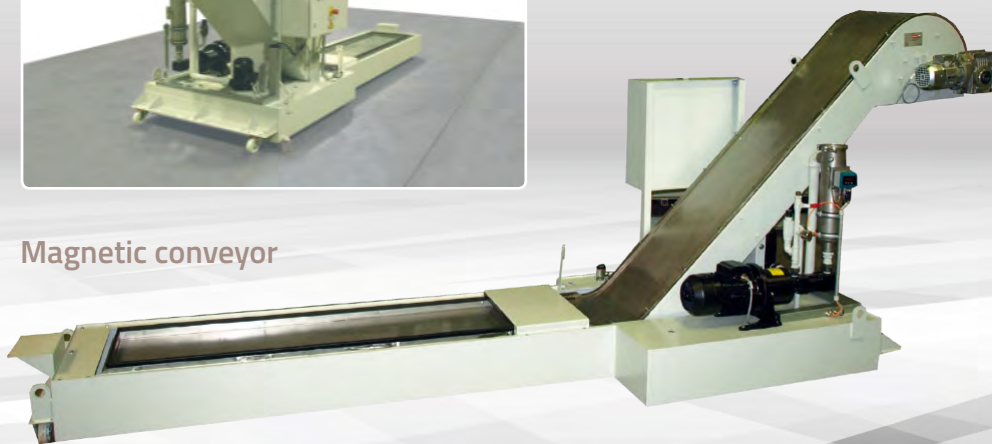


Magnetic and belt conveyors



He can be used for the transport of short, broken chips and is also suitable for ferromagnetic material.

Magnetic conveyor



Drive power: 0.09 up to 3 kW - Lead angle: up to 90°

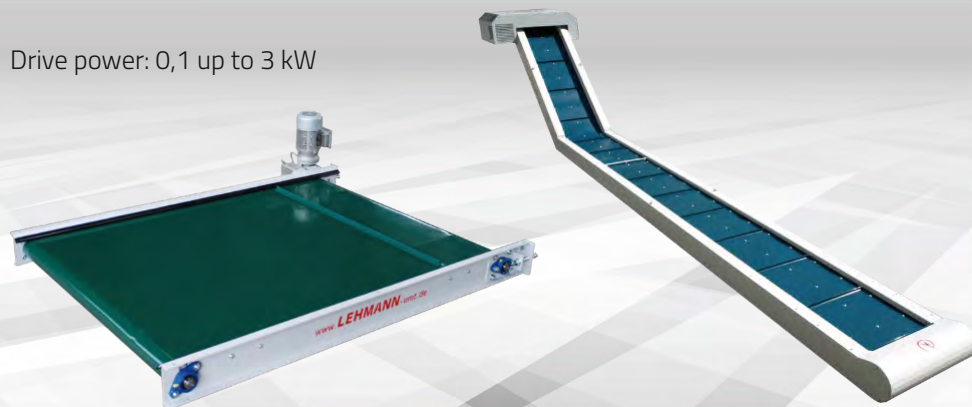
Certified according to German WHG and ISO 9001:2015

Belt conveyors

Belt conveyors are used for the transport of synthetics, wood and granulate during dry processing.

Drive power: 0,1 up to 3 kW

- space saving due to flat design
- silent running and service reduced
- self cleaning



Your partner for conveyor technology

Lehmann-UMT is a leading manufacturer of complete plants and components of individual conveyor and filter technology with more than 75 years of experience in machine construction.

Further parts of the portfolio are environmental technology and special machines. Rapid reactions to the market development, committed personnel and a qualified counselling of our customers are a safe base for long-lasting success.

We are manufacturing standard plants or individual complete solutions everything from one source and always according to the requirements of our customers. Challenging solutions for high performance production processes are our passion.

phone: +49 (0) 37439 - 7440 ■ e-mail: info@lehmann-umt.de

NOTIZEN

Lehmann-UMT GmbH ■ Jocketa - Kurze Str. 3 ■ D-08543 Pöhl

www.LEHMANN-umt.de