



UNTHA

shredding technology

The reliable brand!

PROFITABLE INVESTMENTS:

Efficient systems protecting furnaces, extraction systems and briquetting presses

UNTHA metal separator systems can protect furnaces, extraction systems and briquetting presses from damage, thus considerably increasing the service life of the entire plant.

DISCHARGE BELT WITH INTEGRATED METAL SEPARATION

A high-performance magnet at the end of the belt removes nails, screws and other metal parts providing for the efficient separation of these parts. Additionally, the conveyor belt can be moved at will thanks to transport rollers and has a very small footprint due to its very compact design. High maintenance-friendliness, low energy consumption and low-noise operation are further benefits of this useful protective system.



PIPE MAGNETS WITH SOLID CORES

To save space the pipe magnet is integrated in a vertical position into the extraction line. Disturbing iron parts are attracted by the powerful magnetic core and separated reliably from the wood chips. Metal parts can be easily extracted via the integrated maintenance door which also serves for cleaning purposes. This protective system is tried, tested and proven and is available for extraction lines with 200 mm and 250 mm in diameter.

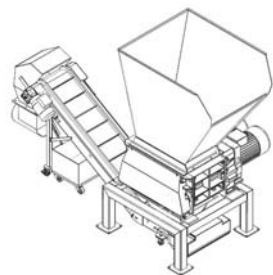


TECHNICAL DATA: DISCHARGE BELT

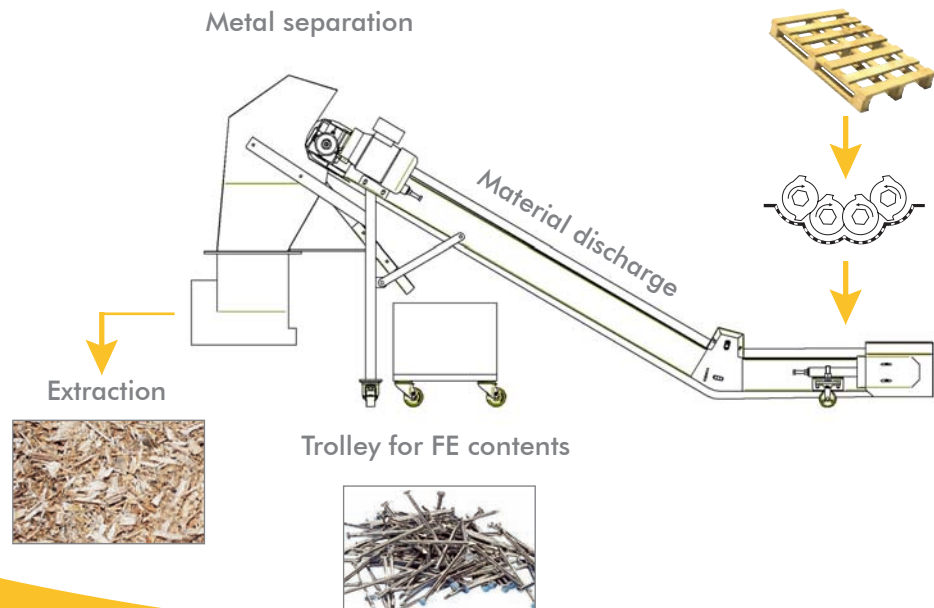
Length horizontal:	approx. 700 mm	Belt effective width:	approx. 340 mm
Length rising:	approx. 1,770 mm	Belt type:	Polyurethane with cleats and corrugated sidewalls
Width:	approx. 600 mm	Corrugated sidewall height:	35 mm
Weight:	approx. 150 kg	Cleat height:	35 mm
Degree of separation FE content: > 90 % *)		Cleat distance:	200 mm
Drive power:	0.75 kW	Extraction line connector:	Ø 250 mm
Belt speed:	0.8 m/s		
Drive pulley:	Ø 114 mm		

Belt incl. bulk box and trolley for FE contents
Incl. electrical control

Easy to combine!
Suitable for all wood shredders
(LR630, LR700, LR1000, LR1400, RS30, RS40)

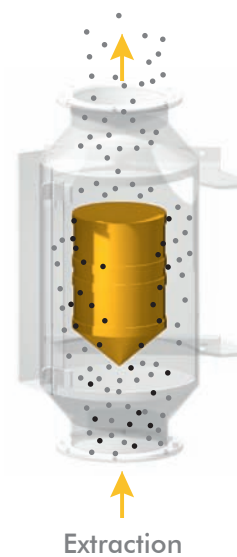


Metal separation

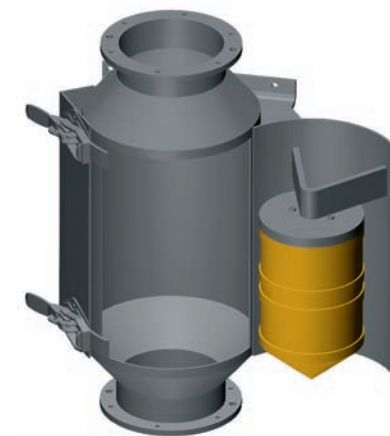
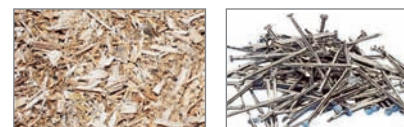


TECHNICAL DATA: PIPE MAGNET

Length horizontal:	approx. 700 mm
Width:	approx. 440 / 475 mm
Weight:	approx. 91 / 130 kg
Degree of separation FE content: > 90 % *)	
Extraction line connector:	Ø 200 / 250 mm



Metal separation



*) depends on screen and material properties