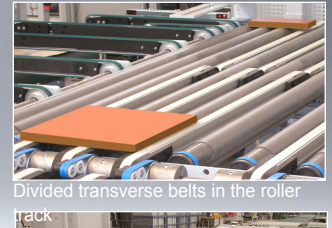


Small-part passages at the belts



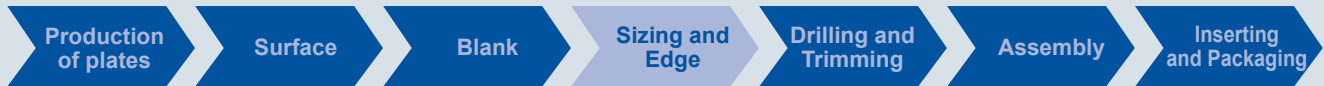
Divided transverse belts in the roller track



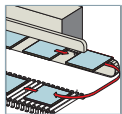
Return-conveying of long parts with automatic turning



Return-conveying of long parts with automatic turning



patent pending AZ 20 2010 002 285.1



ZHR 30 - BOOMERANG® Standard return conveyor for large parts

Increasing requirements concerning the capacity and the diversity of parts of our customers in connection with new edge-banding machines caused the LIGMATECH company to develop an optimized return conveyor for this purpose.

The new ZHR 30 is now available in 2 versions:

- Directly from LIGMATECH for the retrofitting at existing edge-banding machines with an independent control
- As ZHR 30 F (FlexLine) with the integration of the control into a HOMAG edge-banding machine in case of a new order

Highlights:

- Divided cross belts for higher capacities
- Narrowed roller division at the loading side up to the first sword-like belt element for small parts
- Small-part passages between the belt segments
- Fulcrum pins in the basic machine for small transverse parts.

ZHR 10/BHT

ZHR 10

ZHR 30

ZHR 15

ZHR 05

ZHR 02

ZHR 01

ZHR 200

ZHR 100



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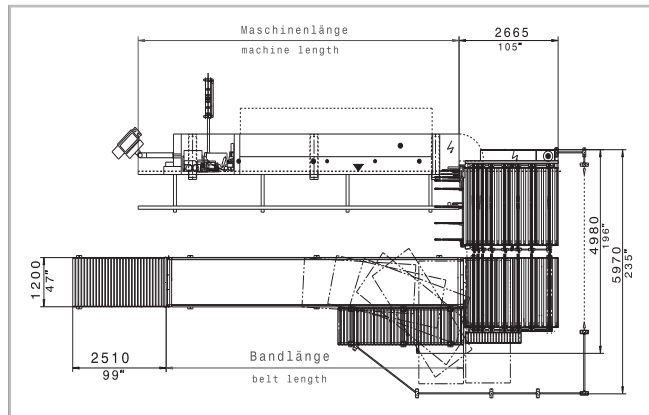
ZHR 30 - BOOMERANG®

Standard return conveyor for large parts

Workpieces leaving the machine get onto a roller track and are transversely conveyed by means of a belt drive and returned to the operator by means of a return belt with a roller table.

During transversal processing all parts that are longer than approx. 1,200 mm are turned and returned with the help of the non-driven part of the roller track and the integrated turning roller due to the different grip between the non-driven rollers and the return belt.

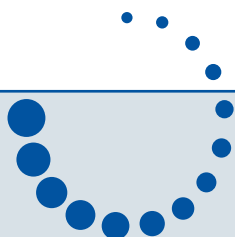
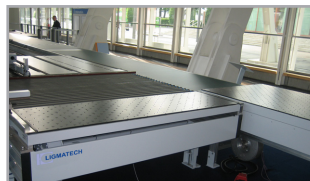
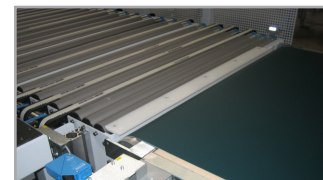
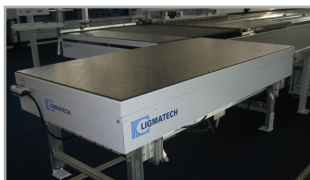
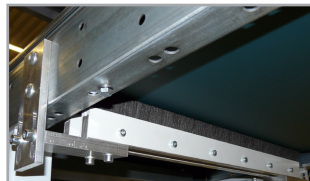
A narrow parts set in conjunction with a automatically working bolt effects that short and narrow parts can be turned and transported easily.



ZHR 30	
Parts longitudinal through feed:	
parts length	190 - 2,500 mm
parts width	90 - 1,200 mm
Parts transversal through feed:	
parts length	190 - 1,200 mm
parts width	190 - 2,500 mm
Parts transversal through feed with automatic turning at the turning bolt:	
parts length	90 - 190 mm
parts width	190 - 800 mm
parts thickness	8 - 60 mm
parts weight	max. 60 kg
working height	820 - 1,000 mm
feeding speed	12 - 37 m/min
control system	power control



- **Belt cleaning equipment**
 - **Roller gib transverse parts with supports**
 - **Pneumatic air-cushion table for ramp**
 - **Driven instead of non-driven roller track at the unloading side**
 - **Pneumatic table to support the part handling between return conveyor belt and loading side**
 - **Additional crosswise transference device**
- other options, see Price list*



lifeline | service

- **eparts** Spare parts ordering online - around-the-clock!

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