

LAHTI
PRECISION

Ahjokatu 4 A, P.O.B. 22
FI-15801 Lahti, Finland
Tel. +358 3 829 21
Fax +358 3 829 4100
www.lahtiprecision.com

Pulper Feeding Equipment

for the Paper Industry

- Broke conveyors
- Conveyors for feeding pulp bales
- Steelslat conveyors

IDEAL SOLUTIONS FOR PULPER FEEDING

Lahti Precision began supplying feeding equipment for pulpers, used in the paper industry in 2000, following the acquisition of JYMETEngineering Oy, a company with 14 years' experience in manufacturing pulper feeding equipment.

Based on its in-depth expertise of weighing and dosing, as well as proven machinery design, Lahti Precision can offer a complete package of pulper feeding equipment for new applications.

Broke Conveyors

Broke conveyors are designed for feeding broke from paper and board machines to the pulper. Lahti Precision manufactures several conveyor types that can be used in a variety of applications

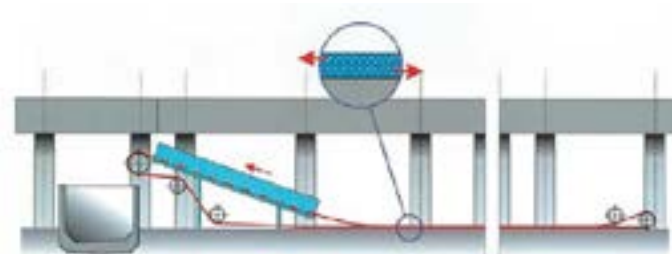
MODEL A

The broke conveyor, model A, is a fast, continuously operating conveyor specially designed for transferring broke from board machines to the pulper. This model is equipped with automatic wire steering devices and stretchers, and, usually, comes with a frequency converter.



MODEL B

The conveyor model B is a continuously operating conveyor specially designed for paper and board machines. It is particularly suitable for limited spaces that require low construction conveyors.



MODEL C

The conveyor model C, operating in both directions, is used for clearing broke from broad paper machines. This model is equipped with a compression roll, which also makes it suitable for conveying heavy,



Conveyors

Model	Machine type	Speed m/min	Width m
A	Board	50 - 800	8.5
B	Board and paper	20 - 100	8.0
C	Paper	15 - 30	11.0

Thanks to a modular design, the conveyors can be installed within existing premises and machines.

Lahti Precision has a reference list that includes more than 150 conveyors for paper and board machines.

Pulp Bale Conveyors

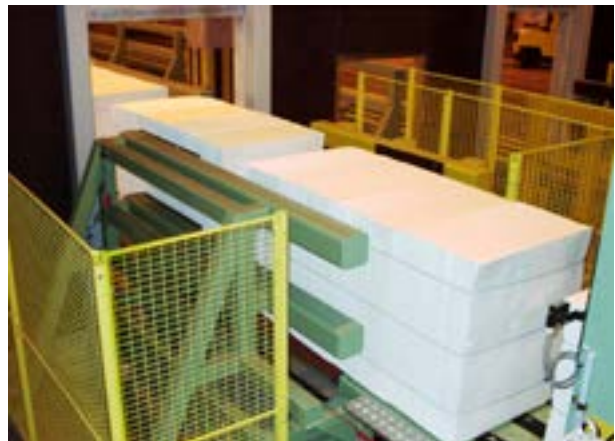
Pulp bale conveyors are special conveyors designed for use in paper and board production. They are tailored according to customers' requirements taking into account factors such as the nature of the premises, production capacity etc. In addition to the machinery itself, Lahti Precision can also supply electrical installation requirements and the appropriate automation for the conveyor lines.

The conveyors are suitable for feeding big (1 t) and small (0.25 t) bales to the pulper, and they operate either on a continuous basis or in batch mode production. Typically, the pulp bale conveyor consists of a chain conveyor having three heavy chains.

The bale conveyors are specially designed for forklift loading. The typical line capacity is 100 - 1000 t/d. A storage conveyor system combined with the pulp bale conveyor reduces overall loading times.

The conveyors are equipped with a range of accessories as required by the customers:

- Metal detectors
- Automatic de-wiring devices (bales of 1.0 t)
- Chain lift-up pieces and pneumatic wire cutters for small (0.25 t) bales
- Weighing
- Electrification and automation of the lines
- Fork-lift stops
- Bale aligning devices



Steelslat Conveyors

The steelslat conveyors are robust, sealed conveyors designed for feeding loose or baled broke. They are also well suited for dosing and feeding of recycled pulp. The slat conveyors can be equipped with a continuous weighing system, which enables continuous or batch pulping of the material.

Tight conveyor slats fixed on robust conveyors chains enable the trouble-free transfer of difficult, baled or loose broke to the pulper. The slat conveyor is also sealed on the sides.

Slat conveyors are constructed so that only one conveyor is needed to handle both the horizontal and the upward conveying functions. These conveyors are typically used in applications where rubber belt conveyors cannot function.



Capacity 0 - 1000 t/d
Speed 0.1 - 6.0 m/min
Length 5 - 50 m
Width 1.0 - 2.5 m
Maximum load up to 1000 kg/m

Accessories

- Weighing system
- A trimming device which trims the material flow on conveyor to uniform height

