



TCC

TOBACCO COOLING CONVEYOR



Gentle treatment process for optimal tobacco cooling.

The temperature funnels can be adjusted separately related to the local temperature conditions for an optimal temperature process throughout the entire length of the conveyor.



TCC 600 = 600 mm operating width designed for a capacity of max. 2.500 kg/h	TCC 800 = 800 mm operating width designed for a capacity of max. 4.000 kg/h	TCC 1200 = 1200 mm operating width designed for a capacity of max. 8.000 kg/h
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Other specifications upon request.

The screen conveyor belt leads the tobacco layer relaxed through the temperature zones.

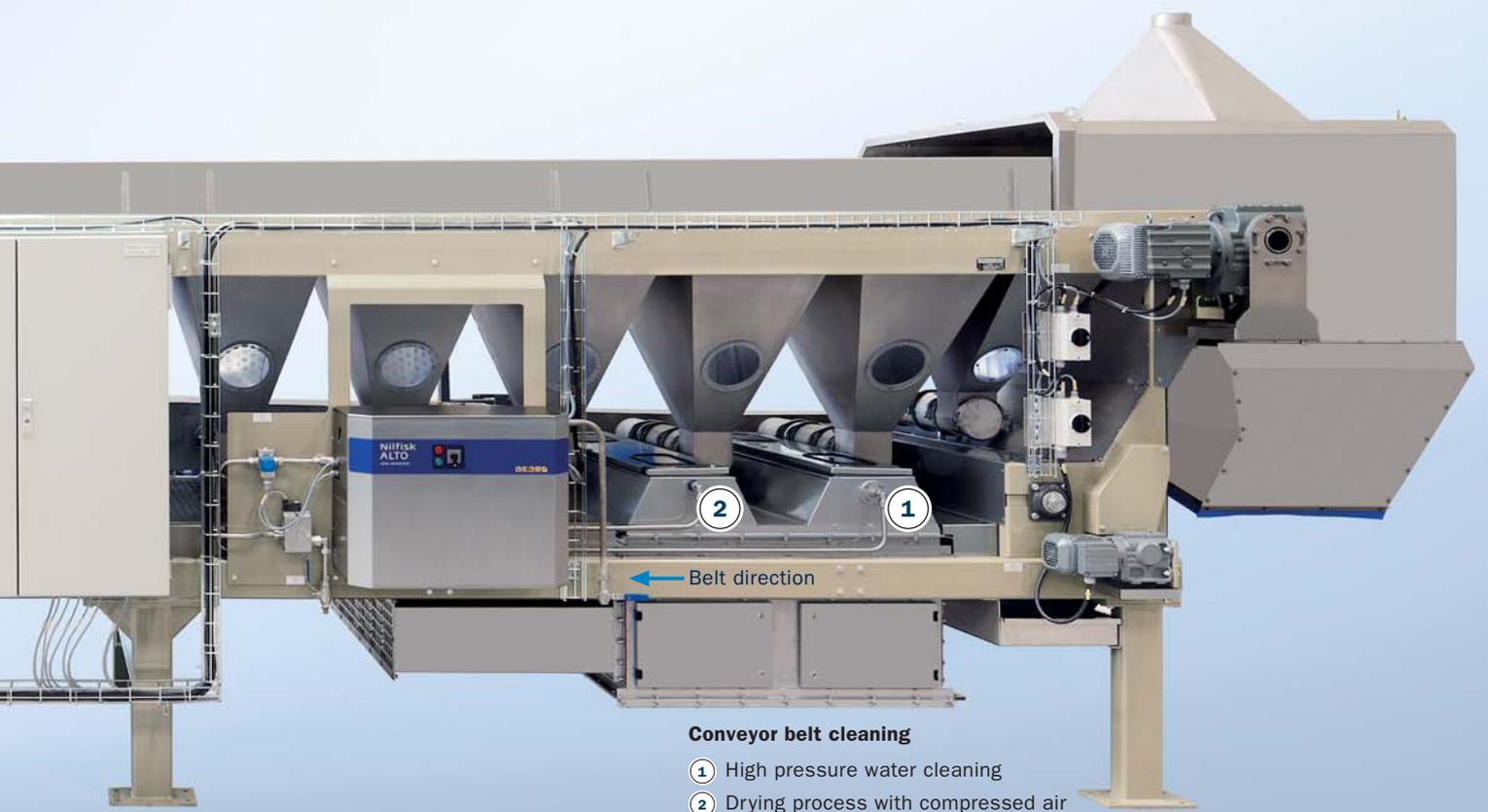
HEINEN KÖHL has developed a “gentle treatment” process which has optimized the cooling of tobacco. The **Tobacco Cooling Conveyor TCC** improves the cooling process after the tobacco dryer and keeps the tobacco quality. Because the tobacco is not “moved”, mechanical stress on tobacco -that causes particle degradation- does not exist. The cooling air will be

directed from the top through the tobacco and the belt into the extraction funnels.

The air extraction funnels and their collectors are made from stainless steel. The necessary air quantity of each funnel can be manually adjusted by means of a damper.

The advantages of the HEINEN KÖHL **Tobacco Cooling Conveyor** are:

- Tobacco savings:** no movement • no degradation • no dust
- Flavour material savings:** reduction of evaporation
- Quality improvements:** larger percentage of long tobacco fibres > 4 mm
- Filling power increase:** quick fixing of the filling power after drying



After a longer period of time (approx. 300 to 400 running hours) the fine mashed conveyor belt is cleaned to prevent clogging. A separate cleaning cycle is started by pressing water through the screen belt using two lines of high-pressure nozzles. Subsequent line of nozzles blow compressed air through the screen belt. Water separator and sound absorber are parts of the cleaning chamber.

All parts in contact with tobacco are made of stainless steel. During the process, a rotary brush removes all loose dust particles continuously from the endless screen belt. The compact operation panel is mounted onto one side of the machine frame. If required, additional equipment can be supported by the control system of the TCC.

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Additional information