

Cooling belt  
PT-B



## Cooling belt PT-B

There are many difficult products that cannot be easily cooled in a water bath after the nozzle exit, because the product

- must not come into contact with water
- is fragile and cannot be pulled
- is very stiff and cannot be deflected
- must be cooled particularly gently
- should keep a particularly high temperature.

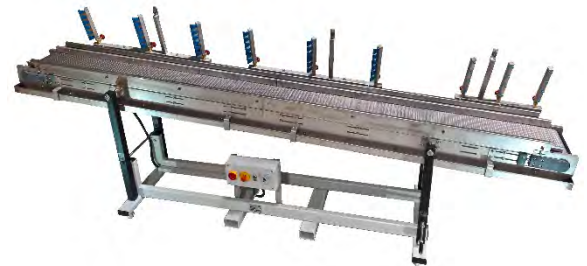
With such special requirements for cooling and transporting a difficult product, a cooling belt is a simple solution.

The cooling belt absorbs the extruded strands and transports them without disturbing deflections on.

The cooling of the strands can, if permissible, be effected in a very finely dosed manner by means of a fine spray of water (for freezing the strand surface) and / or cooling air produced by means of high-pressure fans.

The transport speed is infinitely adjustable and can also be controlled by a higher-level controller by means of an optional interface.

The inlet and outlet sides are infinitely adjustable in height over a wide range in order to be able to quickly and easily adapt the cooling belt to different locations.



The conveyor belt is extremely robust and durable thanks to its two-sided drag chains with a cross-bar wire belt.

### Data:

	Cooling belt	PT-B100	PT-B200	PT-B300
No. of strands		max. 8	max. 18	max. 28
Working width	[mm]	100	200	300
Length	[mm]	2000 - 4000 - 6000		
Material		Stainless steel meshwire belt		
Drive power	[kW]	1,1		
Velocity	[m/min]	7,5-30 / 15-60		
Cooling		Blower air (optional add. spray water)		
Air flow	[m³/min]	27 / 54		2 x 27/54
Water flow	[m³/h]	0,15-0,6		
Weight	[kg]	180 - 300	240 - 400	300-500



### About us:

The PT Maschinenbau GmbH is a privately owned company, located in southern Germany. As specialists in strand pelletizing we deliver our products from here to customers throughout whole Europe and worldwide.

We bundle up the core competencies for design, engineering and construction of our products. For the further provision of services we complement our abilities us by using a proven network of suppliers and service providers. We prefer generating our products by using local and European suppliers.



During decades of working in this business area we have gained a comprehensive experience, derived from countless projects with notable customers in all industry sectors and countries. Based on this know-how, with a long lasting and well-rehearsed team, we generate proven, reliable and durable solutions for our customers.

### Scope of products:

Cooling		Drying		Cutting		Sifting
Cooling trough	Cooling belt	Strand conveyance	Water circulation	Air wipe Air knife	Pelletizer	Sifter
PT-K150	PT-B100	PT-C100	PT-W20	PT-D50	PT-G50E	PT-S150
PT-K200	PT-B200	PT-C200	PT-W40	PT-D100	PT-G100E	PT-S300
PT-K250	PT-B300	PT-C300	PT-W60	PT-A75	PT-G120D	PT-S400
PT-K400			PT-W90	PT-A150	PT-G220D	PT-S400-DD
PT-K600			PT-W120	PT-A300	PT-G320D	PT-S550-DD
PT-K800			PT-W150	PT-A400		
				PT-A600		

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