

Counterflow meal cooler



General

The PTN counterflow meal cooler is used for cooling of steam conditioned mash feed to nearly ambient temperature. By drawing air through a product layer the product is cooled.

Meal cooler

Warm meal is continuously fed into the top cooling bin through the inlet valve. By drawing air through two fluidized product layers of which both are discharging in a batch cycle, the product is cooled. In the top cooling bin the product is distributed by a rotating distributor with rake, in the lower cooling bin the product is distributed by a rotating rake. Discharging of the cooled product into the lower cooling bin and from the lower cooling bin into the outlet hopper is ensured by 2 swivel valve dischargers.

Application

- » cooling of steam conditioned mash feed

Advantages

- » perfect cooling of the product
- » smooth discharging of cooled product into the lower cooling bin and into the outlet hopper
- » total emptying at the end of a run
- » bevelled corners in the outlet hopper to prevent product to pile up
- » can easily be converted to cool both meal and pellets

FEEDER SCREW

CONDITIONER

TCS

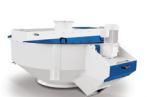
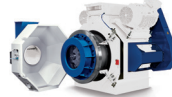
BOA COMPACTOR

PELLET MILL

COOLER

CRUMBLER

ROTOR SIFTER



PTN produces and develops high-quality, reliable machines. It strives to provide its customers with the following benefits through its products:

- » Higher yields.
- » Lower energy consumption.
- » Low maintenance requirements.
- » Access to state-of-the-art technology.

As a globally operating, specialized manufacturer of pelletisers and related machinery it is our ambition to expand to become the most respected professional OEM (Original Equipment Manufacturer).

Our strategy for achieving this ambition is to:

- » Expand and consolidate the global network of professional sales and service points.
- » Create a virtual and real image of professionalism, quality and innovation as well as a high level of standardisation and digital accessibility for strategic partners.
- » Transform technology, know-how and competences into technical and commercial added value.
- » Generate stable growth in sales and profit.



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