

BOA Compactor

General

PTN's patented pre-compacting technology, a unique alternative for double pelleting or expanding.

A double-walled mixing chamber in which steam and liquids are introduced and the mixture is compacted using an hydraulically operated compacting chamber.

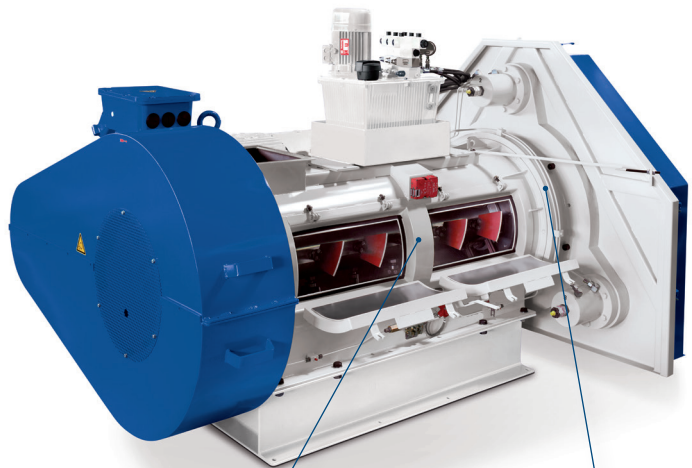
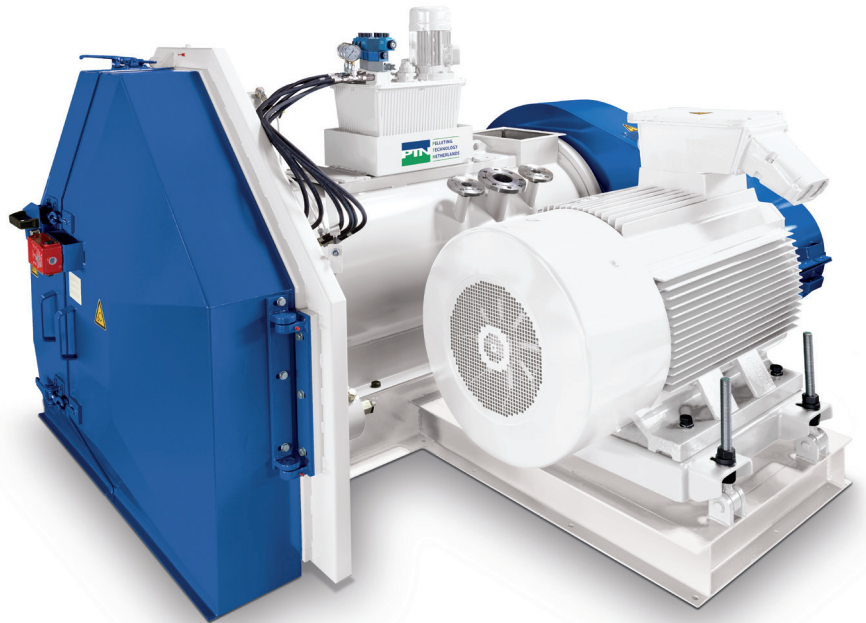
Generously sized paddles, adjustable in both height and pitch, guarantee a homogeneous mixture and a hygienic process. The mixture is introduced into the compacting chamber where a rotating three-roller head presses this through two conical friction rings. Three hydraulic cylinders accurately assess the adjustable distance (3-45 mm) between the friction rings which, along with the motor power of the main motor, determine the compaction level.

The unique combination of a mixing chamber and compacting chamber ensures an optimum absorption of steam and liquids, a more homogeneous distribution of the raw materials, a higher pelleting capacity and excellent pellet quality.

Advantages

- » improved pellet quality
- » increased capacity
- » extreme flexibility in choice of raw materials
- » optimum absorption of steam and liquids
- » up to 10% increase of liquid dosing
- » temperature up to 110 °C.
- » homogeneous mixing and distribution of raw materials
- » hygienic process, easy to clean
- » low maintenance costs due to minimal wear
- » robust construction of the housing
- » simple design
- » simple operation and integration into existing automation systems
- » less kWh/ton with respect to double pelleting or expanding

| Type | Capacity (t/h) | Main motor (kW max) | Weight incl. motor (kg) |
|-------------|----------------|---------------------|-------------------------|
| 500 x 1.500 | 12 | 132 | 3.500 |
| 700 x 1.500 | 25 | 250 | 6.000 |



FEEDER SCREW

CONDITIONER

TCS

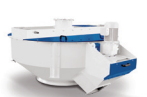
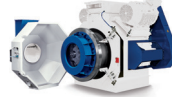
BOA COMPACTOR

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.



Galvaniweg 29
5482 TN SCHIJNDEL
The Netherlands

T +31 (0)73 54 98 472
info@ptn.nl
www.ptn.nl