

Progress MonoRoll *HE*

General

PTN's Progress MonoRoll HE, a highly stable, robust and refined pellet mill.

More than 40 years of experience in development, engineering and production ensures quality and continuity. The partially patented innovations offer a unique price/performance ratio.

A technological concept ensures an even distribution of the enormous mechanical forces on the heavy bearings of the solid main shaft and intermediate shafts.

Two-stage transmission via V-belts and timing belts. Combined with the refined transmission, the robust frame guarantees a stable and vibration-free pellet mill during production.

Features

- » very stable, vibration-free and near silent pellet mill
- » large die surface area and roller diameter
- » variable die speed by frequency converter (FC not included)
- » conical die fitting
- » central greasing system
- » longer lifetime of main shaft bearings
- » integrated pneumatic-quick dump chute

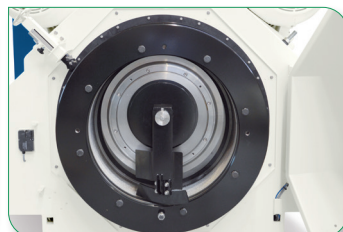
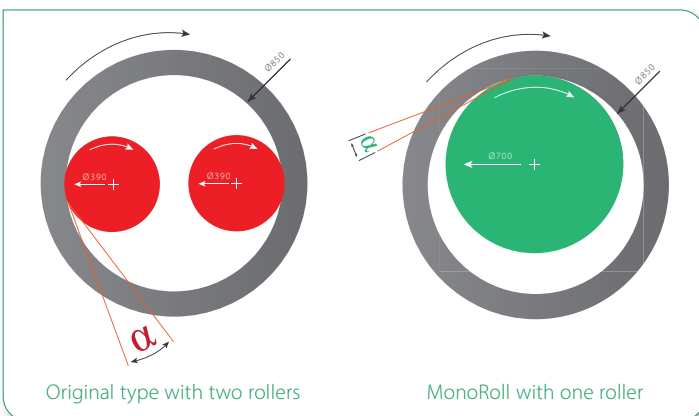


High Efficiency Line

The development of our new High Efficiency (HE) line concentrated not only on higher performances and a more hygienic design but also lower energy consumption. The new HE line gives excellent access to all maintenance areas. With this HE line PTN takes a new step forward.

High Efficiency advantages

- » less roller slip due to small feeding angle and large contact surface
- » lower die speed
- » excellent pellet quality at low die speeds
- » less downtime due to stable operation
- » on average 30% more capacity with same energy level
- » longer lifetime of die and roller
- » reduced noise level



FEEDER SCREW

CONDITIONER

TCS

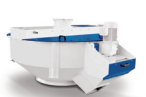
BOA COMPACTOR

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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