

Progress Pellet Mill

General

PTN's pellet mill, 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. The stepped transmission via V-belts and timing belts permits the application of higher motor powers. Combined with the refined transmission, the robust frame guarantees a stable and vibration free pellet mill during production.

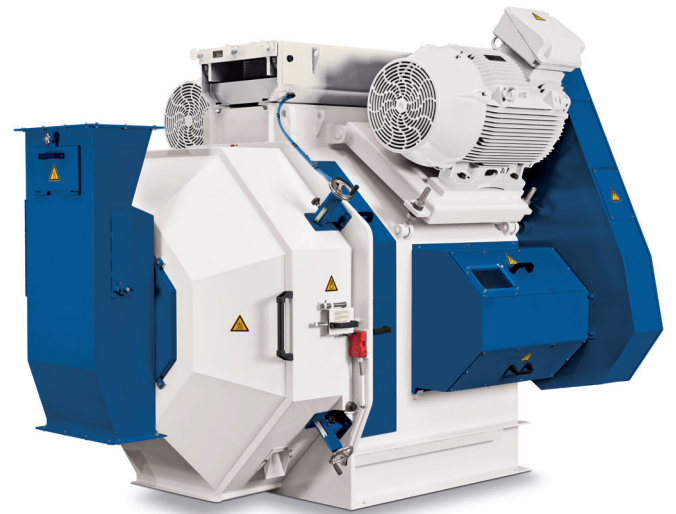
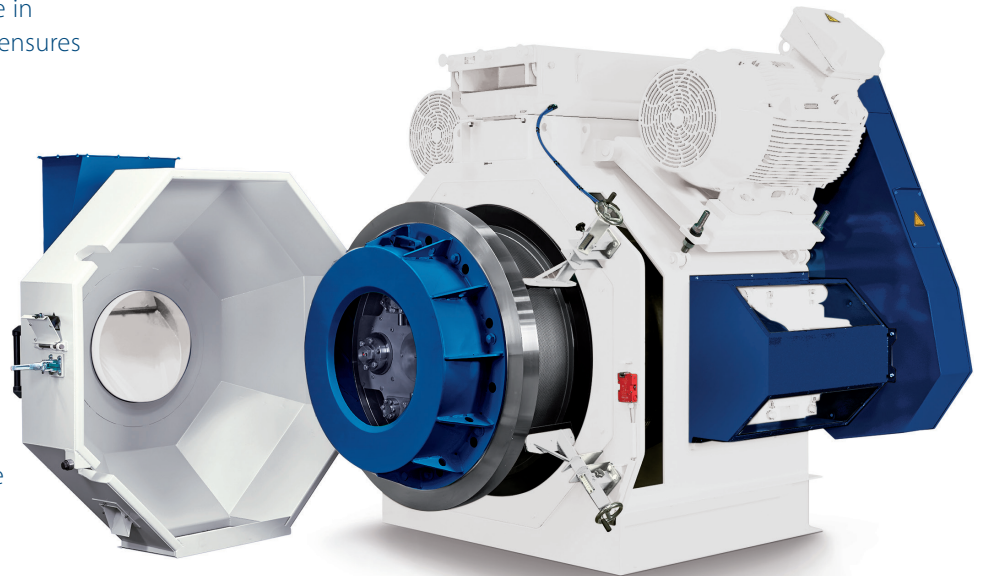
Advantages

- » very stable, vibration-free and near-silent pellet mill.
- » large die surface area and roller diameter.
- » large motor powers.
- » variable die speed.
- » suitable as two- or three-roller pellet mill.
- » longer lifetime of die and rollers.
- » conical die fitting.
- » central greasing system.
- » longer lifetime of main shaft bearings.
- » integrated pneumatic quick-dump chute.
- » cutting knife, fixed on press frame.
- » integrated hoist facility.
- » minimal maintenance costs.
- » easy to clean.
- » simple design.
- » central electrical connection box.

Options

- » roller head with 3 rollers*.
- » remote roller adjustment.
- » Quick Die Change system (die change in approx. 15 minutes)*.
- » Roller Traction Control.
- » forced feeder.
- » turning device (for slowly turning the die to the left or to the right).
- » heated door/ feeding chute.

* This option is not available on all models



Type	Mainmotor (kW max.)	Number of rollers	Diameter rollers (mm)	Die dimensions			Weight incl. motors (kg)
				Internal (mm)	Width (mm)	Area (cm ²)	
580 x 146	2 x 75	2/3	265	580	146	2.658	5.500
650 x 175	2 x 90	2	298	650	175	3.571	6.000
700 x 190	2 x 90	2	315	700	190	4.179	6.250
850 x 210	2 x 160	2/3	390	850	210	5.605	9.000
900 x 228	2 x 160	2/3	408	900	228	6.433	9.500
900 x 275	2 x 200	2/3	408	900	275	7.771	10.000
1.000 x 300	2 x 200	2	456	1.000	300	9.420	14.000
1.100 x 380	2 x 250	2	500	1.100	380	13.125	20.500

FEEDER SCREW

CONDITIONER

TCS

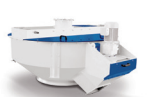
BOA COMPACTOR

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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