

Pellet Mill Progress 450



General

The Progress 450 is together with the Progress 350 the smaller pellet mill in the Progress series. Also to the Progress 450 PTN has given much attention to details, resulting in an extremely stable and robust pellet mill.

Advantages

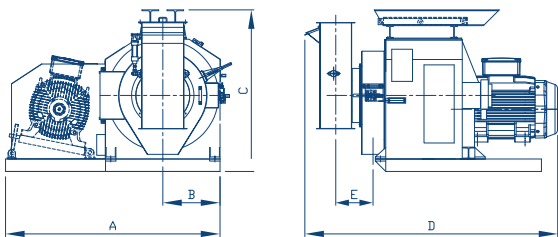
- » Very stable and vibration-free pellet mill.
- » Long lifetime of die and rollers.
- » Long lifetime of main shaft bearings.
- » Minimal maintenance costs.
- » Easy to clean.
- » Simple design.

Specifications

- » 2-roller pellet mill, manually operated with manual roller adjustment system.
- » Robust, press frame with integrated base plate in mild steel.
- » Single walled door and feeding chute in AISI 304.
- » Solid main shaft with SKF spherical roller bearings.
- » Die rotor and large pulley in cast iron.
- » Die holder for die with cylindrical fit.
- » Fixed die speed: 6.3 m/sec.
- » Eccentric roller shafts.
- » Driven by electric motor, 1.000 rpm.
- » Motor power min. 55 kW, max. 132 kW.
- » V belt transmission.
- » Manual greasing of main bearings at the back side and rollers at the front side.
- » Shearpin security at the back for protection of the rollerhead and drive.
- » Integrated hoist facility.
- » 1 manual adjustable cutting knife.
- » Pellet mill door and side covers with safety switch.

Options

- » Electro-pneumatic quick dump chute in AISI 304.
- » Central lubrication system for the main bearings.
- » 2nd manual adjustable cutting knife.
- » Rollerhead with 3 rollers.
- » 3rd manual adjustable cutting knife.
- » Forced feeder.



Type	Main motor (max. kW)	Number of rollers	Diameter rollers (mm)	Die dimensions			Dimensions (in mm)					Weight incl. motor (kg)
				Internal (mm)	Width (mm)	Area (cm ²)	A	B	C	D	E	
450 x 106	1 x 132	2/3	208	450	106	1500	2060	550	1555	2450	360	4800

F E E D E R S C R E W

C O N D I T I O N E R

T C S - R T B

B O A C O M P A C T O R

P E L L E T M I L L

C O O L E R

C R U M B L E R

R O T O R S I F T E R



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.



P.O. Box 132
5480 AC Schijndel
The Netherlands

T +31 (0)73 54 98 472
F +31 (0)73 54 78 595

info@ptn.nl
www.ptn.nl