

# Crumbler HE

## General

PTN's crumble technology is based on two large, independently driven rollers. That ensures an optimum result of minimum fines with maximum crumble.

An integrated rotating feeder ensures an even distribution of the pellets to the crumble rollers. Large-scale axially and radially rifled crumble rollers rotate at equal speeds in opposite directions, and cut the pellet to a crumble. Using accurate measurement, the large 300mm crumble rollers guarantee an optimum result. The optional remote roller adjustment system increases the efficiency and simplifies the adjustment of the roller distance during production.

## Features

- » Housing manufactured from mild steel.
- » Rotating feeder from mild steel.
- » Two solid 300mm axially and radially rifled crumble rollers from hard cast iron (hartguss).
- » Rollers independently driven.
- » Transmission via V-belts.
- » Accurate adjustment of crumble size.
- » Manual or remote roller adjustment.
- » Read-outs accurate to 0,1 mm.
- » Safety provision via die springs against foreign objects.
- » Heavy duty, closed shaft bearings.
- » Inspection hatch with safety switch.
- » Level indication included.



**HIGH EFFICIENCY**

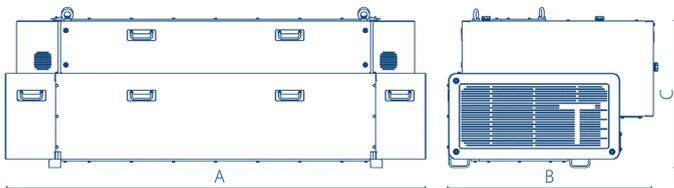


## High Efficiency Line

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

- » More capacity with same energy level.
- » Frequency controlled dual rotation feeder (by-pass function), frequency converter not included.
- » Rollers are exchangeable from front and the sides.
- » 50% more revision options of the rollers.
- » Easy access for maintenance.



Type	Capacity Tons/hr*	Dimensions in mm				Motor- power (kW)
		A	B	C	Inlet	
CR 307	0-15	1356	1216	875	606 x 215	0,55 - 7,5 - 7,5
CR 313	10-30	1956	1216	875	1206 x 215	0,55 - 11 - 11
CR 318	15-40	2496	1216	875	1746 x 215	0,55 - 15 - 15

\*) The mentioned capacity depends on:

- » Kind of product
- » Diameter of the pellet
- » Kahl hardness of the pellet
- » Density
- » Required dimensions of the crumble



FEEDER SCREW

CONDITIONER

TCS - RTB

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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