

VERTICONE VPC 330/480

Conical Shelling Machine for Cereals and Pulses



- To control the shelling of cereals
- Pre shelling in flour mills
- Treatment of Mykotoxin, elimination of DON

- Higher recovery rate of bruised flour
- Higher recovery rate of light flour and semolina
- Higher mill capacity

- New conical shelling principle linear adjustable for all sorts of cereals
- Capacity up to 15 to/h
- Electrical drives up to 90 kW
- Compatible with SPS
- Tested under all milling circumstances

VERTICONE VPC 330/480 (patented)



the format of the particular kernel, or rather variety as well as the increase or decrease of the shelling effect.

The counter-pressure for the working chamber is built up by a resistance plate at the product outlet. The pressure can be varied to control the degree of shelling.

This ensures a gentle and uniform shelling of the product.

Optional: A supplemental cooling ventilator supports the cooling of the product during the milling procedure and supports the discharge of the bran. The bran is removed by a separate pneumatic bran aspiration system.

The shelling degree is influenced by the following parameters:

- Gap adjustment between abrasive stones and sieves
- Adjustment of counter pressure
- Thickness of the brakes
- Throughput capacity per hour.

Vertical shelling from top to bottom. The Verticone VPC operates with abrasive conical discs with air-feed openings in between. The small diameter of the conical shelling rotor is placed at the top, right underneath feeding section while the big diameter is placed at the bottom, before the outlet section.

The product is conveyed to the machine by a vertical feeding pipeline. A feeding worm feeds the product into the working chamber. The shelling effect in the working chamber is influenced due to the adjustable gap distance between the abrasive stones and sieves achieved by the vertical height adjustment of the conical shelling rotor. This results into an optimal adaptation to



Control panel:
 – to fix the shelling degree by adjusting the gap between conical shelling rotor and sieve cage.
 – to check the load of the motor in %.

Technical Data

Typ	Capacity*	Capacity*	Motor Capacity	Bran Pneumatic	Net Weight	Gross Weight	Volume
	Cereals	Pulses	Main Drive				
	to/h	to/h	kW	m ³ /min daPa	kg	kg	m ³
330	2.0 - 5.0	2.0 - 5.0	up to 55	30 - 40 150	3100	3500	3.0
480	4.0 - 15.0	4.0 - 15.0	up to 90	60 - 80 150	3600	4000	5.0

* The capacity depends on the variety of the raw product and the shelling degree.
 We reserve the right to deviate from illustrations and data as improvements are constantly being made.



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