

GRINDER SERIES NEOGRIND

FOR MAXIMUM FLEXIBILITY AND HIGHEST PRODUCT REQUIREMENTS



The grinder NEOGRIND has been specially developed to meet sophisticated requirements regarding the control of the grinding particle distribution (PSD) and demonstrates its full grinding efficiency, e.g. for the single cup segment (capsules, pads, etc.). Water cooling of all rollers and the compactor ensures a low temperature level in the grinding process even during intensive grinding.

All rollers are individually driven via gear motors and cardan shafts. In combination with the motor-driven grinding gap adjustment, the extended version with frequency converters gives you maximum flexibility in controlling the grinding result. In addition, the innovative 87 Hz technology ensures full power delivery over the widest possible speed range.

The touch panel on the swivel arm can be used to store individual grinding programmes as well as to set different operation modes for normal and service operation. The visualisation offers intuitive control of the operating parameters. Via the PLC, the grinder can be easily integrated into a process control system.

The large grinding chamber doors provide optimum accessibility to the process chamber for cleaning purposes, and a quick roller change is possible in just a few steps.

Technical features

- 3-stage grinding and powerful compactor
- Individual motor drive for each roller
- Motor-driven grinding gap adjustment
- Roller tempering/cooling
- Soundproof enclosure, all sides accessible through secured doors
- On-site control panel with swivel arm
- PLC with individual recipe control
- Frequency controlled feeder

Options

- Magnetic separator
- Flexible speed of each roller
- Sensor package for monitoring bearing temperatures and vibration, product pile-up, water flow
- Product temperature measurement at inlet and outlet
- Combined cooling/heating units



Designation	Passages	Roller length (mm)	Dimensions (mm) W × D × H	Grinding capacity (kg/h)	
				Espresso	Filter-fine
53	3	550	3220 × 1020 × 2300	1000	1650
83	3	800	3470 × 1020 × 2300	1450	2400



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NEUHAUS NEOTEC Maschinen- und Anlagenbau GmbH
Germany · info@neuhaus-neotec.de · neuhaus-neotec.com