



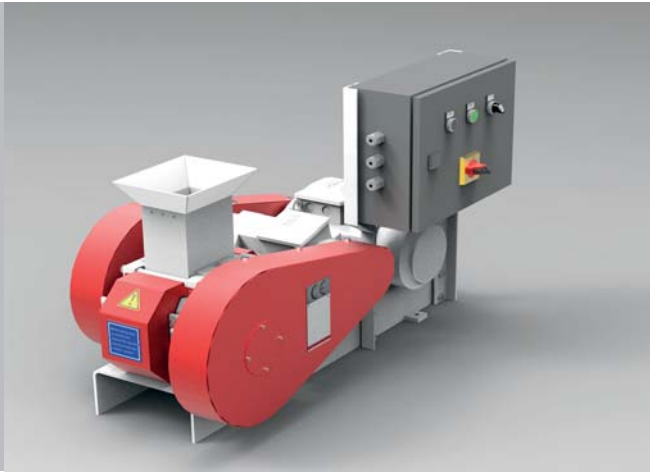
Currently the smallest HÄNDLE roller mill and de-airing extrusion unit for laboratory and operational processes.
Developed for applications with small test quantities.

Laboratory roller mill and combined de-airing extrusion unit

WF | PZVM



The HÄNDLE laboratory roller mill and combined de-airing extrusion unit



Defining characteristics

- Laboratory roller mill and drives are supplied compact and ready for operation
- Easy adjustment of the roller gap in the range from 0.5 to 10 mm
- Crushing of material up to Mohs hardness 6
 - » the preparation results are comparable with those of the production process
- Separate drives of the rollers » enable rotation speed changes by replacing the motor pulley

- Modular design consisting of extruder and vertical primary pug mill, drives, control cabinet and rotary vane vacuum pump » compact and ready for operation on a table made of aluminum profiles
- Drive via separate three-phase motors with frequency converter » variable and independent control of auger rotation speeds
- Design either with simple control or operating panel (touch panel) and data acquisition
- Mechanical lifting and lowering device of the vertical primary pug mill » quick and easy disassembly for cleaning
- Dosing is done manually
- Various options and dies on request

Technical data

TYPE	Roller diameter/ width mm	Rotation speed 1/min	Power requirement kW
WF 16c	160 / 100	223 / 167	0,55 - 1,1

TYPE PZVM 8e	Barrel diameter mm	Pressing power ¹ max. bar	Power requirement kW
EXTRUDER	80	25 ² / 50 ³	3
PRIMARY PUG MILL	65		0,75

¹ Pressing pressure = axial pressure

² In combination with standard augers pressing pressure up to 25 bar

³ In combination with stiff augers pressing pressure up to 50 bar

Subject to technical modification due to ongoing development.