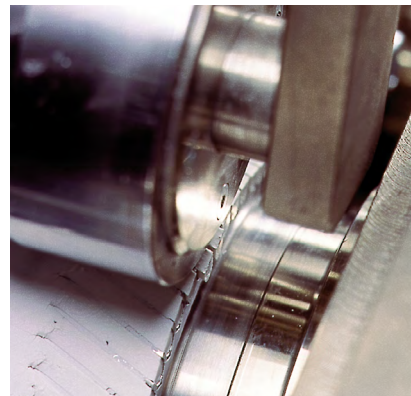


LAB SHEAR ROLL FOR POWDER INJECTION MOULDING APPLICATIONS

**High-purity, Contamination-free, Continuous
Processing of Feedstocks**



Functions:

Functional ceramic components or components from medical technology and nanotechnology are manufactured from special **high-purity** materials.

With our new laboratory shearing roller, you can manufacture **ceramic or powder metallurgical injection moulding feedstocks** for these new applications yourself.

Synchronise the feedstocks for your **multifunctional components** precisely and be flexible in the preparation of your raw materials!

Your benefit:

- + **Fast, economical preparation** of tailored feedstocks with low material outlay.
- + Particularly suitable for development departments thanks to the **processing of small quantities** and the compact dimensions of the equipment.
- + Equipment either with **Jet-Cote-coated rolls** or **carbide rolls**.
- + Ceramic or carbide metal rollers bring about **greater resistance to abrasion**.
- + Greater resistance to abrasion brings about longer **service life and higher purity**.

LAB SHEAR ROLL FOR POWDER INJECTION MOULDING APPLICATIONS

Technical details:

Dimensions	2 500 mm x 2 500 mm, with integrated electrical system
Roller	
Roller diameter	100 mm
Roller body length	500 mm
Smallest roller gap	0.2 mm
Roller construction	option of ceramic or carbide metal
Preparation system	open
Feed and discharge	Vibrating trough or twin screw feed system
Minimum processing quantity	500 g
Maximum output	10 to 20 kg, depending on the material
Driver input	2 x 5.5 kW
Cooling	water and oil

QUESTIONNAIRE FOR TENDER PREPARATION: Fax +49 6725 91925-200

We work closely with our clients to make our projects a success.

Tell us which requirements your products have to fulfil and we will work with you to develop an individual system adapted to the ideal raw material.

Requirements/ options		Temperature of the melting point	
		Binder	

Material: CIM MIM **Acceptance:** Granulate Stripes

Your contact details:

We will gladly schedule a test on our lab shear roll with you.

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