

DIFFUSION WELDING SINTERING



Si-02 universal diffusion

Seamless and brazing solder free multicolour wedding rings and other jewellery of platinum, gold, silver and stainless steel

Rings - Sheets - Powder - Grains - Mokume Gane

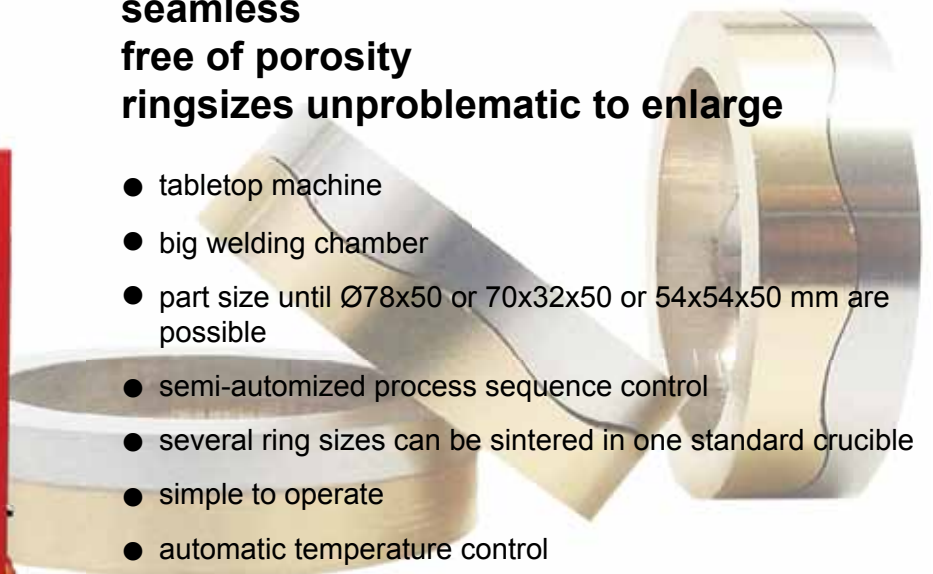
your advantage:

quality improvement
seamless
free of porosity
ringsizes unproblematic to enlarge

- tabletop machine
- big welding chamber
- part size until $\text{Ø}78 \times 50$ or $70 \times 32 \times 50$ or $54 \times 54 \times 50$ mm are possible
- semi-automized process sequence control
- several ring sizes can be sintered in one standard crucible
- simple to operate
- automatic temperature control
- automatic vacuum / protective gas control
- tempering of precious metals

Technical data:

type	Si-02 universal diffusion
temperature range:	30 - 850°C
heating:	resistive / 2,0 kW
max. crucible interior:	Ø80x50
vacuum/protective gas control:	present
vacuum pump:	external
mains (standard):	230/ 50Hz / 10A
dimensions (wxdxh):	690x610x910mm
weight:	approx. 95 kg



FRISCH GmbH

Sankt-Hubertus-Straße 33 a D-75181 Pforzheim / Germany
Tel. +49 (0) 7231 / 788138 Fax + 49 (0) 7231 / 788139 e-mail: info@frisch-gmbh.de www.frisch-gmbh.de