

Bremer

Willi Bremer GmbH

Ultrasonic die processing machine

US-A BREMER



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Description:

It is possible with the ultrasound drawing machine US-A Bremer in the dies made of PCD or natural diamond in the diameter range 0.1 - 8.0 mm to incorporate all conical areas. The repair and the production of new dies is possible. The needle is clamped on an integrated grinder reground manually. Optimal concentricity of the needle tip. All operations are done purely manually. It is possible to upgrade the machine with a turntable to round off the transitions. The drill needle has a useful length of 80 mm. Here, the frequency is always adjusted by the generator.

Technical Details:

Diameter of casing:	up to 43 mm
working range version 1:	0,05 bis 2 mm / 500 Watt Generator
working range version 2:	0,1 bis 8 mm / 800 Watt Generator
Diameter of drill needle:	2 to 10 mm
Adjustment of angle:	to 60 °
Power supply:	230V / 10 Ampere
Ultrasonic power:	Stepless to 800 Watt / 20000Hz
Dimension:	L x B x H , 550 x 400 x 800 mm
Weight:	80 Kg