



UltraMatic – Automated Drawing Die Polishing

- UltraMatic is an automated ultrasonic machining centre for drilling and polishing natural or polycrystalline diamond drawing dies
- Integrated Touch Panel Windows PC control of the drilling and grinding cycles as well as of the adjustable swivel movement
- The 500 Watt ultrasonic generator with a performance regulating scale from 0 to 100% allows the machining of drawing dies with diameters between \varnothing 0.1 and \varnothing 4 mm
- The large automatic frequency range of the ultrasonic generator permits the use of different sonotrodes for drawing die machining
- Magazine for 30 drawing dies with mount sizes 25 and 28 mm
- Automatic supply of diamond powder suspension
- All functions can be maintained via internet
- Additional connections (e.g. compressed air and mains connection) for additional tools

Specifications

RF-power:	0 – 500 Watt	Frequency: 17,5 – 22,5-kHz
Amplitude control:	0 – 100 %	Voltage: 220 – 240 VAC
Compressed air:	4 – 10 bar	Dimensions (HxWxD) 194x110x62 cm
Weight:	185 kg	

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