

**DIES Ø 1.50 ▶ 9.00 mm**

**MIRROR POLISH  
NATURAL / SYNTHETIC / PCD DIAMOND**

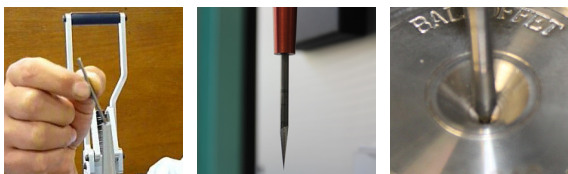
The **BD 500 M** machine has been designed for the polishing of the diamond dies angles following the grinding step made on our shaping machines **BD 500 SA** and **SA e-type**.

### This machine gathers for each unit

- Ultrasonics generator - Working head
- Anodized aluminum needle holder
- Oscillating die holder
- Noise reduction cover

### Main features

- Front control panel
- Pneumatic die table
- Die casing Ø 25 ▶ 43 mm
- Adjustable pressure
- Adjustable oscillation amplitude
- Machining with needles or spindles
- Needles (Dies Ø < 3 mm) : Ø 4 - 5 mm / Lg 50 mm (Option Lg 62 mm)
- Spindles (Dies Ø > 3 mm) : Ø 8 - 12 - 16 mm
- End of cycle Automatic stop
- Integrated lighting



### Technical specifications

- Electric supply : 230V 16A 50/60 Hz 1 Ph
- Ultrasonics Generator : 500W/20 KHz
- Finish : SS Panel and grey paint
- Air supply required : 4 bar (60 PSI), 1/4" bore hose
- Air cooled
- Dimensions : L.512 x D.400 x H.750 mm
- Weight : 55 Kg

### BALLOFFET

- Exclusive Balloffet needle attachment system (Use of Balloffet Needle Press™ highly recommended)
- Ultrasonics transmission 50% more powerful than brazed needle device
- Quick needles feed-in
- Up to 20 dies machined per needle
- BALLOFFET consumables highly recommended
- Ergonomics and easy use
- Start and maintenance possible by BALLOFFET technicians
- BALLOFFET Warranty - CE Conformity
- Starter kit included (detail on request)
- Excellent return on investment

