

**DIES Ø 0.15 ▶ 3.00 mm**

**ANGLES SHAPING**

**MIRROR POLISH**

**INTEGRATED SHARPENING WHEEL**

**NATURAL / SYNTHETIC / PCD DIAMOND**

### This machine gathers for each unit

- Ultrasonics generator - Working head
- Anodized aluminum needle holder
- Large touch control screen (manual control, input / output status, diagnostic mode)
- Vertical die loader 30 to 40 dies
- Automatic sharpening wheel with angles adjustment
- Mecanized dies ejection tank
- Needle Press™

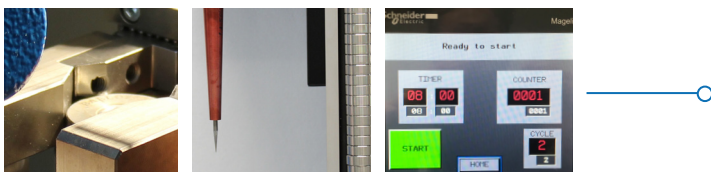
### Main features

- Precision of the reduction, entrance and exit angles
- Set-up of shaping or polishing modes
- Quick cycles (<15 sec for shaping/<60 min for PCD polishing)
- Die casing Ø 25 ▶ 29 mm - Thickness 6 ▶ 12 mm
- Needles : Ø 2.5 - 3 mm (Lg 62 mm) - Ø 4 mm (Lg 67 mm)
- End-of-cycle automatic stop

### Parameters set by the operator

- Number of mecanized dies
- Sharpening angle of the needle
- Mecanizing time and ultrasonics power
- Number of working cycles
- Number of sharpening round trips for each needle sharpening
- Die pressure on the needle
- Grain and diamond abrasive quantity

Contact us dor mecanizing dies diameters > 3 mm and/or casing Ø > 29 mm.



The **BD 140 VGA evo2** machine has been designed for precise and constant shaping and polishing of the diamond dies angles. It allows the automatic machining of **30 to 40 dies without any operator intervention.**



### BALLOFFET

- **Exclusive Balloffet needle attachment system** (Use of Balloffet Needle Press™ highly recommended)
- **Ultrasonics transmission 50% more powerful than brazed needle device**
- Machining quality and repeatability as BALLOFFET new dies
- BALLOFFET consumables highly recommended
- Ergonomics and easy use
- Start and maintenance possible by BALLOFFET technicians
- Starter kit included (detail on request)
- BALLOFFET Warranty – CE Conformity
- Good return on investment

### Technical specifications

- Electric supply : 230V 16A 50/60Hz 1 Ph
- Ultrasonics Generator : 140W/20KHz
- Finish : Aluminum panel and grey paint
- Air supply required : 4 bar (60 PSI), 1/4" bore hose
- Air cooled
- Automatic sharpening - Special diamond wheel Ø 60 mm
- Dimensions : L.1100 x D.480 x H.1140mm - Weight : 160Kg

