

**DIES Ø 0.10 ▶ 3.00 mm**

**ANGLES SHAPING**

**MIRROR POLISH**

**INTEGRATED SHARPENING WHEEL**

**NATURAL / SYNTHETIC / PCD DIAMOND**

The **BD 140 SA** machine has been designed for the semi-automatic shaping and polishing of the diamond dies angles.

### This machine gathers for each unit

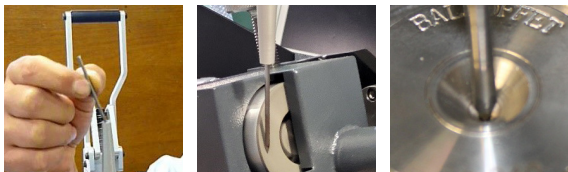
- Ultrasonics generator - Working head
- Anodized aluminum needle holder
- Oscillating die holder
- Integrated sharpening wheel with angles adjustment

### Main features

- Precision of the reduction, entrance and exit angles
- Quick cycles (<15 sec for shaping / <60 min for polishing)
- Die casing Ø 25 ▶ 43 mm
- Needles : Ø 2.5-3 -4-5 mm / Lg 50 mm (Option Lg 62 mm)

### Parameters set by the operator

- Sharpening angle of the needle
- Cycle time
- Ultrasonics power
- Oscillation angle (polishing)
- Die pressure on the needle



### Technical specifications

- Electric supply : 230V 16A 50/60Hz 1 Ph
- Ultrasonics Generator : 140W/20 KHz
- Finish : SS Panel and grey paint
- Air supply required : 4 Bar (60 PSI), 1/4" bore hose
- Air cooled
- Semi-automatic sharpening - Special diamond wheel Ø 60mm
- Dimensions : L.770 x D.420 x H.940 mm
- Weight : 95 Kg

### BALLOFFET

- **Exclusive Balloffet needle attachment system** (Use of Balloffet Needle Press™ highly recommended)
- **Ultrasonics transmission 50% more powerful than brazed needle device**
- Quality and repeatability of the grinding
- 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
- Starter kit included (detail on request)
- BALLOFFET Warranty - CE Conformity
- Excellent return on investment

