

Wire Shaping & Polishing Machine RF 06 1-2-3

BALLOFFET has developed a new range of wire polishing machines, using identical modules which can be assembled with 1, 2 or 3 die holders (ref / RF06.1 or RF06.2 or RF06.3)

Being the result of BALLOFFET's deep knowledge on die manufacturing using wiring and ultrasonic dies (NDD) and polycrystalline diamond dies (PCD).

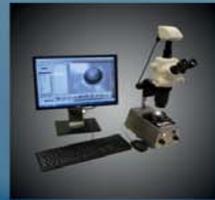
The RF06 Series completes the range of single-head wire machines and is especially designed for wire drawers who have to repolish a large quantity of dies.



GENERAL FEATURES:

Die size range : 0.025 to 3.0 mm
 Noise level : below 75 dBA
 Electric. supply : 240V single phase 50/60 Hz - 1 KW

	RF06.1	RF06.2	RF06.3
Width	330 mm	500 mm	780 mm
Depth	410 mm	410 mm	410 mm
Height	700 mm	700 mm	700 mm
Weight	60 Kg	100 Kg	150Kg



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Wire reciprocation:

- Motor power 200 W DC.
- Adjustable speed from 20 up to 300 strokes per minute.
- Electronic control.
- 70 mm fixed stroke.

Die rotation:

- Motor power 100 W DC.
- Adjustable speed from 0 up to 3000 RPM.
- Electronic control.
- Round belt drive.

Die oscillation:

- Gearbox motor 30 W DC.
- Adjustable speed from 0 up to 85 oscillations per minute
- Adjustable oscillation angle from 0° to +/- 20° (40° max.)
- Easy setting oscillation angles.
- Oscillation angle adjustable while running.

Wire clamps:

- Standard : from 25 µ up to 1.5 mm
- Optional : larger diameters from 1.5 mm up to 4.0 mm
- Ensures a continuous wire tension.

Die holders:

- Capped die holder, with easy tightening.
- For die cases from 6 up to 12 mm thick.
- For die cases from 25 to 28 mm diameter, with internal conical part compensating the height difference thus ensuring the worked die area is on the oscillating axis.
- Optional die holder for casing Ø43 mm and max. thickness 32 mm.



Reel holders (optional):

- Reel holders with wire channelling and clamping
- Continuous wire supply without die removal.
- Reel holder positioned at 45°.
- For wires up to around Ø 0.6 mm.
- Two staged reel base at Ø 10 and 16 mm for standard reel use.

Other features:

- Easy removal of wire from the die before a new working cycle.
- Easy measurement of wire diameter after a working cycle.
- Easy setting of cycle times with possibility to pause cycle. (for adding abrasive safely).
- Lighting of the working area.

