

Wire Polishing Machine AJF 97

SPECIFICATION :

Die Size range	: 10 to 100 μm
Electrical supply	: 220 volts, single-phase
Power consumption	: 150 watts
Wire reel support	: standard, 10 mm spindle
Reciprocation	: 80 mm
Length of wire between clamps	: 600 mm
Die rotation	: brushless type motor
Motor speed	: variable from 100 to 4200 rpm
Die speed	: from 10 to 10000 rpm (\varnothing 25mm)
Reciprocation	: 50 rpm geared motor
Speed	: variable from 1 to 35 rpm
Wire tension	: from 350 to 1000 grams
Noise level	: < 64 dB
Width	: 720 mm
Depth	: 410 mm
Total height	: 380 mm
Weight	: 20 Kg
Base plate height	: 170 mm



Maintaining or repairing fine wire-drawing dies in the 10-100 μm range requires special precautions and specialised equipment.

This kind of repair work may only be carried out using the wire technique, as opposed to reworking larger diameter wire drawing dies.

Residual vibrations on wire-drawing machines damage wire quality, since they cause premature wear of wire-drawing machines and wire drawing dies. This is also true when wire drawing dies undergo repairs.



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Small-diameter wire work requires a high rotating speed for the wire drawing die, as well as very even, steady reciprocation of the wire drawing die or wire, whilst avoiding any vibration of the wire being worked.

The AJF 97 has been designed to satisfy all these essential requirements.

Reworking fine wire drawing dies requires a skilful operator, who is very meticulous and well-trained, all BALLOFFET die repair equipment is supported by experienced personnel to train die repairs in the use of the complete range of machines.

Threading very fine, fragile wires, handling quality wire spools, the ease of setting up the wire drawing die on the equipment, the constant tensioning of the wire on the bench, the angular movement of the wire in relation to the wire drawing die, the ease with which working parameters are modified...



These are just some of the many positive ergonomic advantages of the AJF 97. BALLOFFET has discovered and tested the most effective solutions in its workshops over many years of experience. These solutions are now available in the AJF 97.

