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DWM-series Wire Polishing Machines

Die reconditioning



Highlights

- Versatile use: recutting, polishing, sizing
- Quick machine setup
- Easy to use
- Durable
- Compact

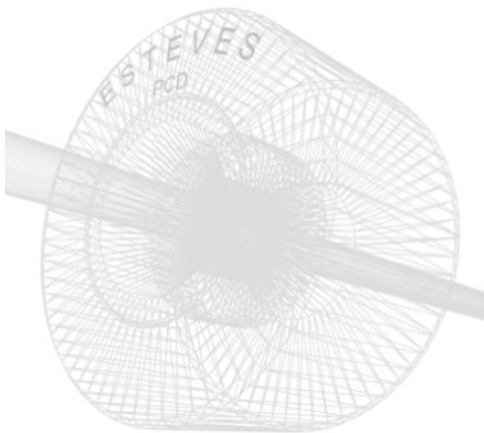
Machines that are capable of recutting, repolishing and sizing drawing dies meet the demands of today's die-shop operators.

The reduction cone angle and bearing length of a drawing die wear during the wire drawing process. The DWM-series wire polishing machines are used to recut and repolish these worn parts and to resize the drawing die to the required bearing length and bearing diameter.

Proven technology ensures that the versatile Esteves Group **DWM-series wire polishing machines** give the die-shop operator the ability to use one machine to recut, repolish and resize drawing dies.

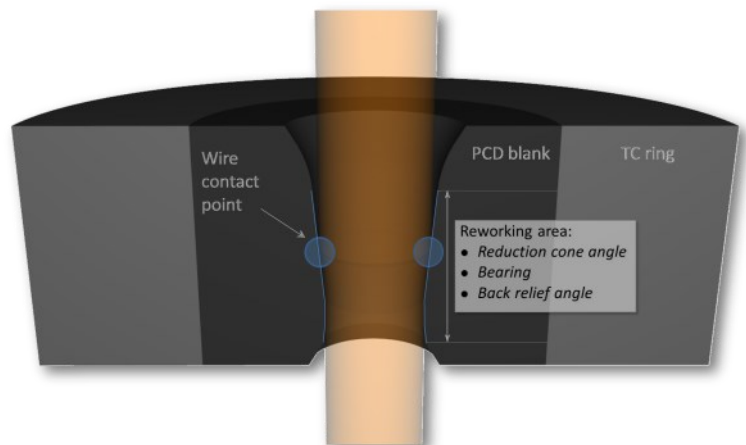
Esteves Group polishing machines are manufactured with the goal of versatility, durability and ease of use.

Virtually any type of die shop tooling is available from Esteves Group as well as in-house training for your recutting, repolishing and resizing needs.



We Specialize in...

- Wire Drawing Dies
- Bunching, Stranding & Compacting Dies
- Split Dies
- Tubing Dies
- Shaped Dies
- Extrusion Tooling
- Die Reconditioning Tools
- Engineering Services
- Customer Support





DWM-series Wire Polishing Machines

Die reconditioning

Key Features

- Compact
- Various casing holders available
- Programmable control
- Durable design and components
- Adjustable die holder angle

Benefits

- Multifunctional machine for die recutting, polishing, and sizing
- Quick machine setup
- Easy to use
- Durable
- Optimized for natural, synthetic and polycrystalline diamond

Esteves Group Wire Polishing Machines	Product name	DWM ¹⁾	DIWM ¹⁾
	Diameter range inch [mm]	≤ .080" [≤ 2.03 mm]	.050 - .114" [1.27 - 2.90 mm]
Casing dimensions ²⁾	Custom made to your needs 0 - 2" [0 - 50 mm]		
Working heads	1		
Programmable time control	✓		
Manual time control	✓		
Rotation speed	0 - 450 rpm		
Rotation speed microprocessor control	✗		
Oscillation speed	0 - 420 oscillations/min		
Oscillation speed microprocessor control	✗		
Stroke length inch [mm]	2.75" [70 mm]	4.00" [102 mm]	
Adjustable die holder angle	✓		
Input power	120V (220V optional)		
Dimensions [w x d x h] (Approx.) inch [mm]	9.125 x 21 x 18" [232 x 533 x 457 mm]	9.125 x 21 x 21" [232 x 533 x 533 mm]	
Weight (Approx.)	65 lbs. [29 kg]	65 lbs. [29 kg]	

¹⁾ Available in USA and Canada only

²⁾ Die holders for other dimensions are available on request

More die shop machines, microscopes and consumables are available. Please contact **Esteves Group** for a quotation for your die shop tooling.

Die shop equipment below:

Ultrasonic polishing machines, die inspection microscope, die holders, ultrasonic needles, wire, diamond powder

