

Electrical machines for tube end
cutting and rolling

A family-owned company with over 30 years of industry experience. WRAZIDŁO specializes in designing and manufacturing of tools and machines for various metalworking applications. We also offer machining services with the support of an experienced Design & Development department.



Our company is proud to own an exceptionally versatile and modern machine park. We continue to develop our workshop with new cutting-edge solutions - CNC machining centres, measuring machines and others, in order to maintain the highest quality standards of our products and services.



E-ROLL D-85

Placement configuration	Free-standing, on wheels	
Supply voltage	3x400VAC 50Hz	
Control system voltage	24VDC	
Power consumption	Dependent on workpiece specification	
Max. power consumption	max. 10A	
Power	1,75kW	
Compressed air supply	6-8 bar (0,6-0,8 MPa)	
Supply data	<ul style="list-style-type: none"> - power supply cable — 5x1,5mm², - power supply socket - 10A with safety fuse, - 6-8 bar air supply, Ø12mm hose 	
Drive slider range	250mm pitch	
Tube diameter range	up to 85mm (standard version, extended version up to 120mm also available)	
Weight	ca. 928 kg (additional tooling excluded)	
Dimensions	Length L [mm]	ca. 1270
	Width W [mm]	ca. 662
	Height H [mm]	ca. 1813
Ambient conditions	Temperature	5÷45°C
	Air humidity	20 ÷ 70% (non-condensing)
	Others	Keep under clean and dry conditions, away from corrosive and explosive gases and liquids
Noise level	<70 dBA	

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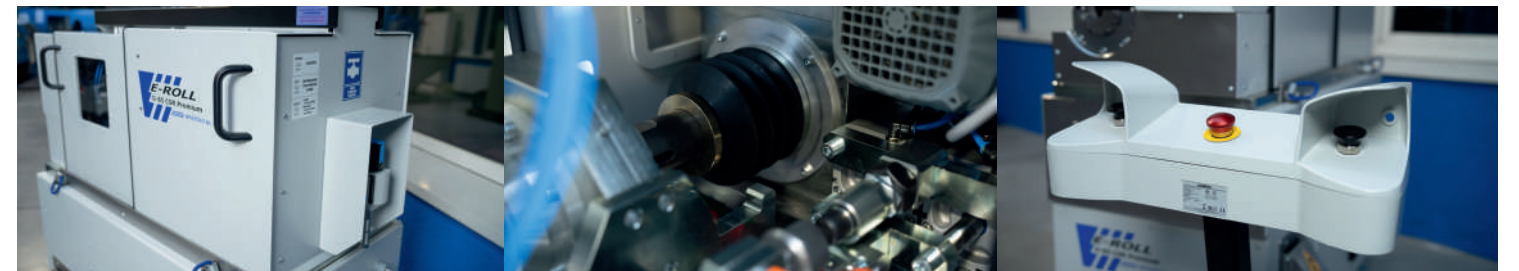
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E-ROLL D-85 - MAIN FEATURES

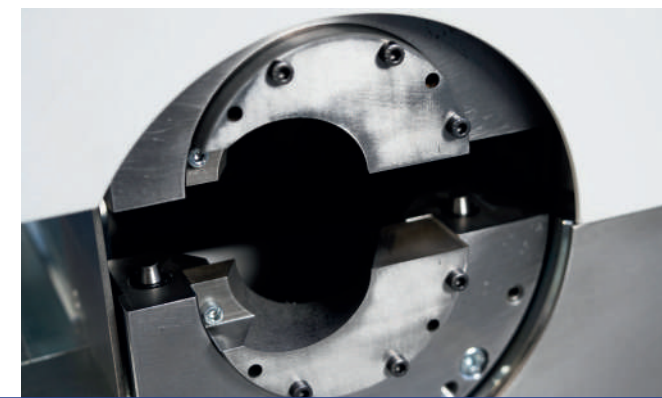
E-ROLL is a line of innovative machines for precise, swarfless tube end cutting and rolling. With the use of specialized tools the machine is capable of performing operations such as:

- tube end cutting (straight and angle cutting),
- tube end roll-forming (dependent on tool geometry).



Main features:

- fast workcycles
- swarfless cutting
- cutting without workpiece lubrication
- excellent surface quality after cutting
- simple and intuitive operation
- long tool life
- innovative tube mounting system
- quick tooling changeover
- electrical drives



The tube is inserted inbetween a pair of clamping jaws („external blades”) and can be held in place automatically by a robotic grip or in a customized fixing table.

The machine and its components are protected with EU registered industrial designs

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