



TUBE CUTTING MACHINE 30

The automatic **Tube Cutting Machine** is designed for the cutting of plastic tubes with small outer diameter and thin wall thickness. The special cutting movement, combined with the minimized thickness of the cutting edge results in rectangular, burr-free, cleanly cut edges. High efficiency and economy are achieved through the use of standard cutting edges (0.10 to 0.15 mm). Cut tubing with small diameter and short length can be collected conveniently in a vacuum container. Simultaneous cutting of up to four tubes increases overall performance.



Cutting unit



Vacuum container



Feeding drive

Technical Specifications

• Cutting diameter	D 0.2 up to \varnothing 5.0 mm
• Cutting length	L 0.5–2000 mm
• Speed	V 1–47 mm/s
• Cutting pressure	P 1.5–6 bar (0.15–0.6 MPa)
• Counter	N 1–10 000
• Tolerance	1%
• Removable cutting die	
• Standard	\varnothing 2.0/3.0/4.0/5.2 mm
• Optional:	
	Additional cutting die diameters
	Axial cutting head
• Performance	N
	up to 10 mm length = 400 PCS/min.
	up to 200 mm length = 160 PCS/min.
• PLC controller with user interface and display	for setting of the cutting parameters
• Optical sensors that indicate occupation and count pieces	
• Start/Stop switch for easy operation	
• Pressure controller for adjustment of the cutting pressure 1.5–6 bar (0.15–0.6 MPa)	
• Product guide	1000 mm
	extendable to 1700 mm
• Dimensions LxWxH	1000 x 260 x 220 mm
• Weight	12 kg
• Power	100–230 VAC
• Air pressure	6–10 bar (0.6–1.0 MPa)

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