

PRECISION + SPEED = EFFICIENCY

PrecisionCut MJR

- High precision at high speed
- Straight, burr-free cutting of wire and tube with convex tip form

STRAIGHTENING AND CUTTING



This machine cuts wires and cannula tubes without burr.

A lever system pulls the wire or the tube off the coil with high precision. The parts are cut without burr by electro fission. Both ends are gently rounded. An output of 600 parts/min is achieved. For wire diameters up to 2.0 mm and tube diameters of 0.17 to 3.0 mm.

The enclosed machine housing provides effective sound-proofing and is easily accessible from all sides. The drive, electrics and central lubrication are integrated.

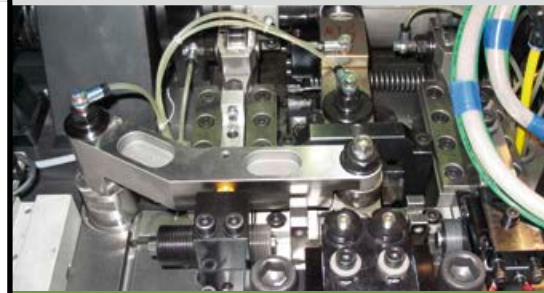
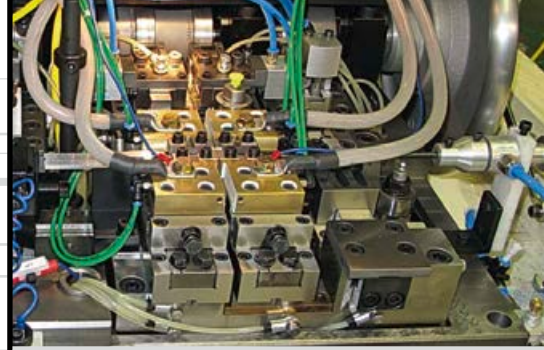


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Technical features of the straightening and cutting machine

- Vibration-free design with precision ground and interchangeable linear guides for tool fitting. Infeed and electro fission system are cam driven, utilizing a split cam design for ease of work.
- Straightening is done via roller straighteners or rotating straighteners / arbors.
- Version with loop control for high performance.
- Cutting by electrically heating and simultaneous, mechanical tearing movement.
- Burr-free end products with soft transition from the shaft to the tip.
- The series contains on board monitoring functions, such as detecting the end of the wire, detecting a bend in the wire, wire lubrication control, compressed air, central lubrication control and electro fission process, counters for operating hours and part production.

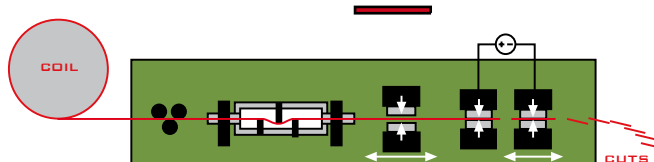


Technical Data

MJR 2



Wire diameter	0.1 - 2.0 mm
Tube diameter	0.17 - 3.0 mm
Cutoff length	5 - 50 mm
Optional cutoff length	5 - 3,000 mm
Output	up to 600 parts/min
Length tolerance	± 0.1 mm
Power requirement	7.5 kVA (13.5 kVA)
Machine control	Siemens PLC
Central lubrication	installed
Infeed system	mechanical, infeed lever
Speed infinitely adjustable	yes
Dimensions	L = 3,500 mm W = 1,700 mm H = 1,300 mm
Weight	1,500 kg
Noise level	< 80 dB(A)



ELECTRO FISSION
PrecisionCut MJR

Subject to technical change without notice. Date of issue 02.16