

WS-800

Automatic straightening and cutting





■ WS-800 key technical features

- High-precision straightening and cutting of solid wires
- Designed for small wire diameters from Ø0.10 mm to Ø1.0 mm
- Powered de-spooler with integrated tension control
- Rotary straightening system for excellent wire alignment
- Damage-free wire guidance and feeding
- Highly repeatable cutting accuracy (± 0.3 mm up to 150 mm)
- Compact design for easy production line integration

■ Wire straightener and cutter WS-800

The WS-800 is a wire straightening and cutting machine for solid wires.

This state-of-the-art machine has been designed to automate the wire preparation process, ensuring greater efficiency, accuracy, and speed. The WS-800 streamlines production by minimizing manual handling, reducing costs, and improving the quality and consistency of the final product.

The machine is equipped with an advanced feeding, straightening and cutting system, which ensures:

- Straightening of small diameter solid wires
- Accurate cutting of wires to the required length
- Consistent wire tension throughout the process
- High repeatability and reliable production quality
- Damage-free wire feeding and handling
- Processing of a wide range of small wire diameters

TECHNICAL SPECIFICATIONS

Supported cable diameter	0.10 mm-1.0mm
Cutting method	Hardened steel cut tool
Length tolerance	0.25%
Dimensions	800x435x250mm (LxWxH)
Power supply	External 24V adapter
Spoolholder	Driven de-spooler with tensioner arm
Cable feeding method	Double rubber timing belt
Wire guidance	Polished ceramic pulley
Safety certification	CE

■ Typical applications

The WS-800 is suitable for a wide variety of precision wire processing applications, including:

- Temperature sensor manufacturing
- Electronic components
- Precision instrumentation
- Processing of platinum and other noble metal wires
- High-precision industrial production



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