

PRECISION + SPEED = EFFICIENCY

PrecisionCut MJCE

- Excellent straightness quality
- Very short changeover time
- Part length settings and output are adjusted using a touch screen



STRAIGHTENING AND CUTTING



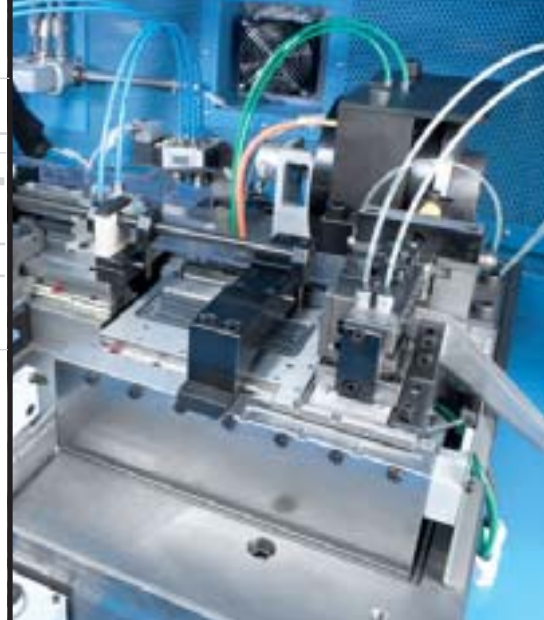
Straightening and cutting machine for thin wires.

For wire diameter ranges from 0.2 mm to 1.5 mm which require excellent straightness, the **PrecisionCut MJCE** machine is the best solution.

The MJCE employs a revolutionary drive concept for straightening and cutting machines. The wire transport is done using clamps which are driven by linear motors. The cutting system, also positioned on a linear motor, allows for automatic synchronizing with the speed of the wire through the machine. With an absolutely constant infeed speed, the MJCE produces parts which result in exceptional straightness and ease of operation.

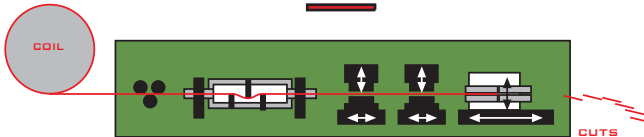
Technical Features

- Control of all movements is made by a fully synchronized and maintenance free linear motors.
- Continuous wire feed and flying cutoff system on an independent linear motor.
- Cutting length and output parameters are adjustable through a touch panel. Acceleration and speed parameters are calculated automatically for all drive systems.
- Straightening is done via roller straighteners or rotating straighteners / arbors.
- The series contains on board monitoring functions, such as detecting the end of the wire, detecting a bend in the wire, wire lubrication control, central lubrication control, etc.
- The integrated and enclosed machine housing keeps noise levels to below 80 dBA. Machine drive, electronics and central lubrication are all integrated into the machine housing.
- Unattended production is possible.



Technical Data

MJCE



STRAIGHTENING AND CUTTING
PrecisionCut MJCE

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|-----------------------------|---|
| Wire diameter | 0.2 - 1.5 mm (0.0079" - 0.059") |
| Cutoff length | 4.0 - 1,000 mm (0.1574" - 39.37") |
| Output | up to 800 pcs/min 17 m/min. |
| Length tolerance | ± 0.03 mm (0.0012") for short cuts L < 35 mm (1.3779") |
| Power requirement | 7.5 kVA |
| Machine control | Siemens PLC with Touch-Panel installed |
| Central lubrication | installed |
| Infeed system | Linear motors, computer controlled |
| Speed infinitely adjustable | yes |
| Dimensions | L = 2,000 mm (78.74") W = 1,400 mm (55.12") H = 1,200 mm (47.24") |
| Weight | 1,450 kg (3,200 lb) |
| Noise level | < 80 dB(A) |



Subject to technical change without notice. Date of issue 04.08