

PRECISION + SPEED = EFFICIENCY

PrecisionCut MJC

- High precision – High speed
- Straight, burr free and square cutoffs



STRAIGHTENING AND CUTTING

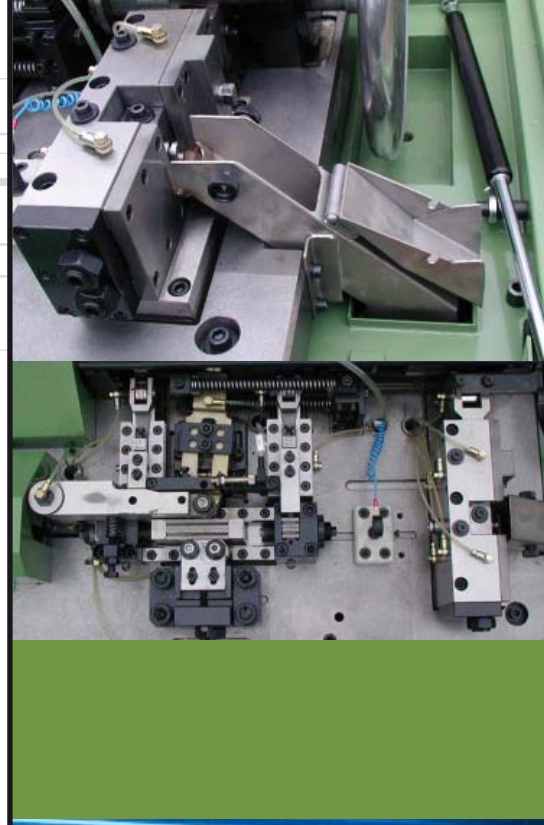


The series for high performance short cutoffs.

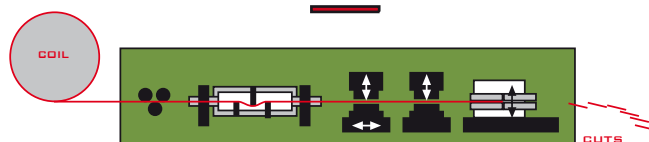
The wire infeed is done with great precision and very high speed via a lever infeed with clamping jaws. During the cutting process, the wire is held firmly by a fixed clamping unit. Parts are cut by a bushing on bushing cutting system, providing a burr free, straight and square cut. The machine is optimized for short lengths up to 70 mm, and provides speeds of up to 800 parts per minute. The well proven machine elements such as linear guides and drive shaft are easily accessible and mounted on a cast steel plate, ensuring an efficient and easy set-up.

Technical Features

- Vibration-free design with precision ground, interchangeable linear guides for tool fitting. Infeed and cutting systems are cam driven, utilizing a split cam design for ease of work.
- Short changeover times for both diameter and length changes.
- Straightening can be done with 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, hour meter and production quantity.
- 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.
- External straightening unit for high output even if the wire is difficult to straighten.



Technical Data	MJC3	MJC6	MJC6-2	MJC9
Wire diameter	0.5 - 3.0 mm (0.020" - 0.118")	2.0 - 6.3 mm (0.079" - 0.248")	2.0 - 6.3 mm (0.079" - 0.248")	3.5 - 9.3 mm (0.138" - 0.366")
Cutoff length (with fixed speed)	1.5 x d - 28 mm (1.5 x d - 1.102")	1.5 x d - 35 mm (1.5 x d - 1.378")		1.5 x d - 45 mm (1.5 x d - 1.771")
Cutoff length (with infinitely adjustable speed)	1.5 x d - 50 mm (1.5 x d - 1.969")	1.5 x d - 60 mm (1.5 x d - 2.362")	1.5 x d - 4,000 mm (1.5 x d - 13.10 ft)	1.5 x d - 70 mm (1.5 x d - 2.756")
Adjustable for long length				Option: L > 70 mm, 2.756"
Infeed system	mechanical, infeed lever	mechanical, infeed lever	mechanical, 2 infeed lever	mechanical, infeed lever
Output	800 pcs/min 22.4 m/min	800 pcs/min 28.0 m/min	700 pcs/min 30 m/min	600 pcs/min 27.0 m/min
Length tolerance	± 0.03 mm (0.0012")	± 0.03 mm (0.0012")	± 0.04 mm (0.0016")	± 0.04 mm (0.0016")
Power requirement	3.5 kVA	10 kVA	10 kVA	25 kVA
Machine control	Siemens PLC	Siemens PLC	Siemens PLC	Siemens PLC
Central lubrication	installed	installed	installed	installed
Speed infinitely adjustable	optional	optional	standard	optional
Dimensions	L = 1,600 mm (5.25 ft) W = 950 mm (3.12 ft) H = 1,200 mm (3.94 ft)	L = 2,400 mm (7.87 ft) W = 1,300 mm (4.27 ft) H = 1,700 mm (5.58 ft)	L = 2,400 mm (7.87 ft) W = 1,300 mm (4.27 ft) H = 1,700 mm (5.58 ft)	L = 2,400 mm (7.87 ft) W = 1,300 mm (4.27 ft) H = 1,700 mm (5.58 ft)
Weight	800 kg (1,770 lb)	1,900 kg (4,200 lb)	1,950 kg (4,310 lb)	2,400 kg (5,300 lb)
Noise level	< 80 dB(A)	< 80 dB(A)	< 80 dB(A)	< 80 dB(A)



STRAIGHTENING AND CUTTING
PrecisionCut MJC

Subject to technical change without notice. Date of issue 04.08