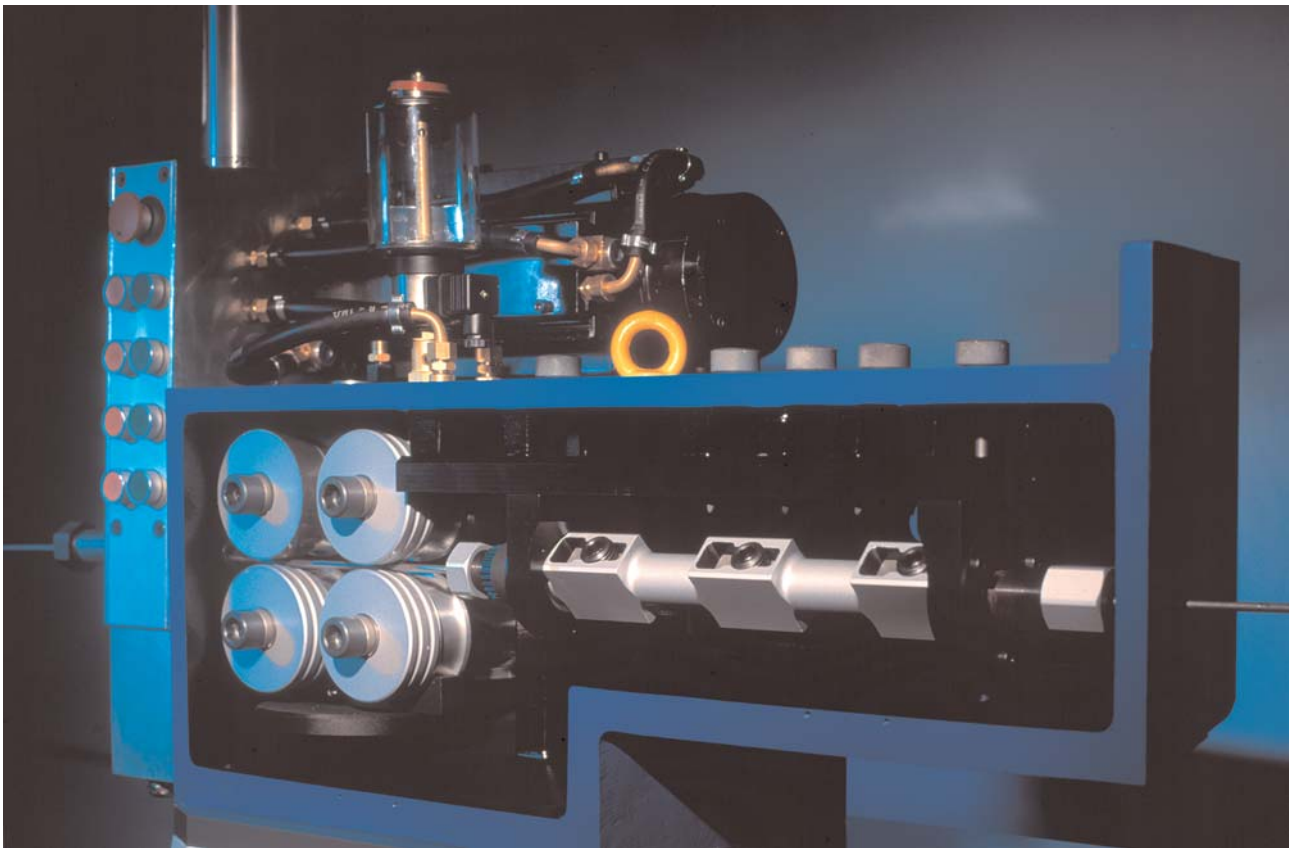


System SYROCUT

Synchronous Cutting and Straightening Unit



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The Secure Connection.

System SYROCUT

Synchronous Straightening and Cutting

The System SYROCUT consists of a compact synchronous straightening and cutting unit, a wire pull-off unit, a wire pay-off system, a balancing loop and a freely programmable system control.

The wire is fed into the synchronous straightening and cutting unit via the balancing loop. The wires are cut at standstill within a few milliseconds. After cutting, the system is accelerated again to the maximum feeding speed of up to 200 m/min (656 ft/min).

High Quality

The System SYROCUT helps to prevent the twisting strain caused by straightening and cutting machines with the straightening spinner rotating while the wire is cut.

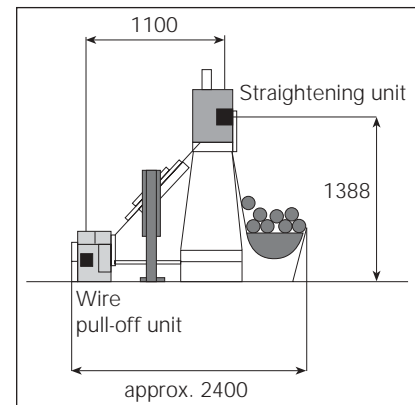
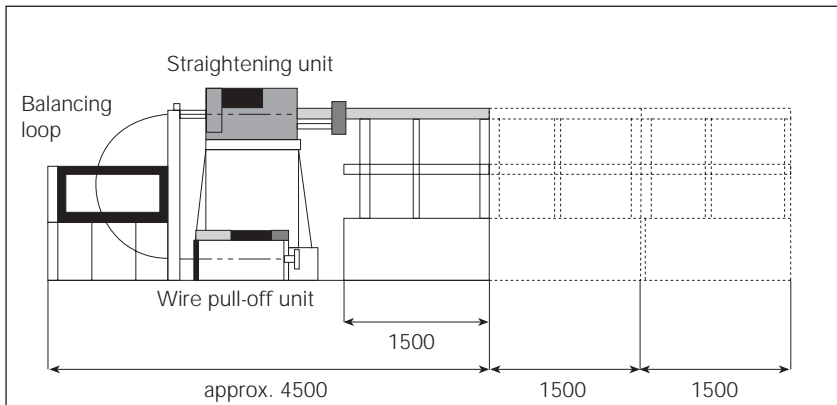
Even highest demands on elongation and uniform elongation are met with the System SYROCUT. The gentle treatment of the wire surface is another major advantage.

Quick Changeover

The revolutionary design of the System SYROCUT permits a quick changeover to other wire diameters. The compactness of the straightening spinner helps to save weight and allows to change the complete unit very quickly.

Modular Design

The modular design of the System SYROCUT allows an adjustment to individual needs. Straightening bench, tilting station and wire collecting containers are available in elements of 1.5 m (5 ft) and can be added at any time. The collecting containers can be equipped with a wire bundle aligning device.



Working Range (Guiding Figures)

Wire diameter	3.0 to 7.0 mm (0.12 - 0.28"; 11¼ - 1½ ga)
Wire length	freely programmable above 100 mm (4"), depending on the length of the straightening bench or wire feeder
Wire tensile strength	max. 800 N/mm ² (100 000 psi)
Wire surface condition	smooth, ribbed, galvanized
Spool/coil weight	max. 3000 kg (6600 lbs)

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