

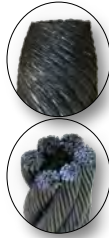
The original
mechanical splicing systems.



TALURIT™

Annealing Machines

Our annealing machines do not use shears or hydraulic cutters, the wire rope is twisted off by annealing. Current is applied to heat the wire when the rope is clamped. When the rope is red hot; it is then twisted. After twisting, the rope is slightly rounded and the wires will not unwind. Please compare the annealed and the square cut ends to the right.

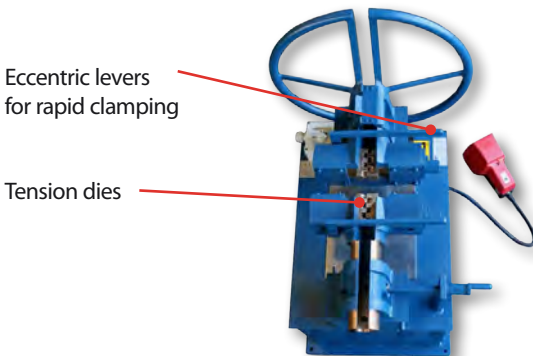


By increasing the distance between the clamping chucks the wire end becomes more pointed, e.g. ideal for excavating machines etc.

We manufacture both types, manual and automatic annealing machines.

Manual annealing machines

All manual annealing machines are equipped with eccentric levers for rapid clamping. Only one basic setting is required for a specific wire rope diameter. The tension dies are designed so that they do not require altering for different wire rope diameters. The eccentric lever is designed to open sufficiently to facilitate insertion of the wire rope from above. The machine is hands free, the current is controlled via a foot pedal.



The fumes from the heated wire rope can be disposed of using our OPTIONAL smoke extractor. The machine can also be made mobile as an extra option.

AV 28, AV 28S

Wire rope diameter up to 28 mm can be annealed in this machine.

AV 28 is presented in two different power models. The more power the faster the wire rope is annealed.

Approximate annealing time (sec.) for wire rope Ø 28:

AV 28 (9 kW):	35
AV 28S (14 kW):	28

It has two different settings depending on wire rope diameter:

- Mode 1: up to 13 mm
- Mode 2: 14 to 28 mm



AV 40, AV 40A and AV 40S

AV 40 is designed for intense production. Water-cooling can be connected to the machine. It has three different power models. The more power the faster the wire rope is annealed.

Approximate annealing time (sec.) for Ø 28 and Ø 40.

AV 40 (15 kW):	30/180
AV 40A (23 kW):	28 / 90
AV 40S (35 kW):	20 / 60

It has two different settings depending on wire rope diameter:

- Mode 1: up to 28 mm
- Mode 2: 28 to 40 mm



AV 65

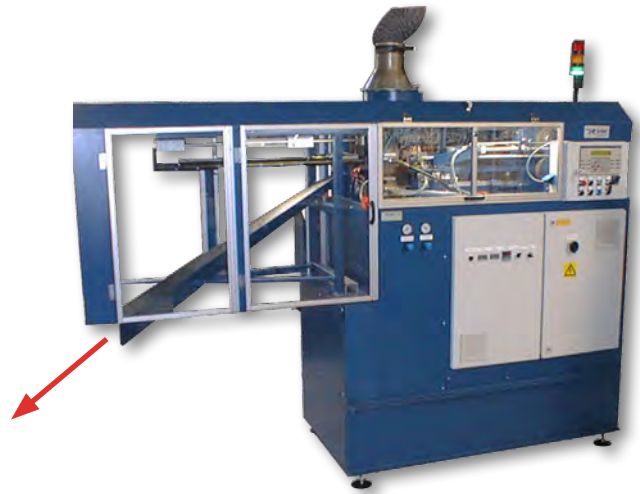


The largest of our annealing machines cuts off wire rope up to 65 mm. Like AV 40 it is prepared for water-cooling. The standard machine is equipped with a hood, which is easy to open to clamp the wire rope. The AV 65 also has five power modes for different wire rope diameters.



Annealed wire ropes

10 SM PLC



This annealing machine is fully automatic, controlled by a PLC with a display unit. It is designed to handle wire rope between 3 and 10 mm. The length can be set between 170 to 1 100 mm and are annealed with high accuracy (+/- 1 mm on 500 mm lengths).

The shape of the cut wire rope can be either tapered, rounded or flat.

A cooling device can be supplied as an option, along with a servo-driven end stop switch.

It can be custom made to fit into a production line interacting with other machinery.

Approximate cycle time varies between 3 to 30 sec. depending on wire rope diameter and length.

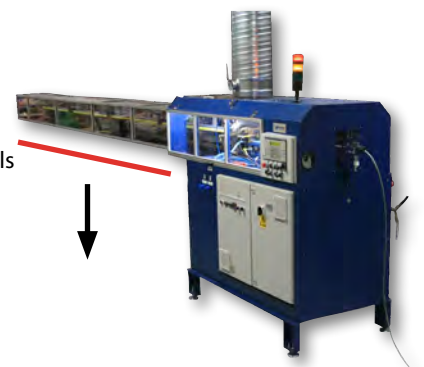
10 SM

This machine is also controlled by a PLC. It resembles 10 SM PLC but this machine anneals longer wire ropes.

The out feeding unit is equipped with a spout. The standard spout handles wire rope from 0,4 to 6 m. Optional spout sections of 3 can be added.

An optional marking/colouring unit can be mounted on the spout.

Once the wire rope is cut, the spout tilts and the rope falls.



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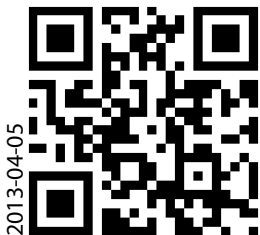
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