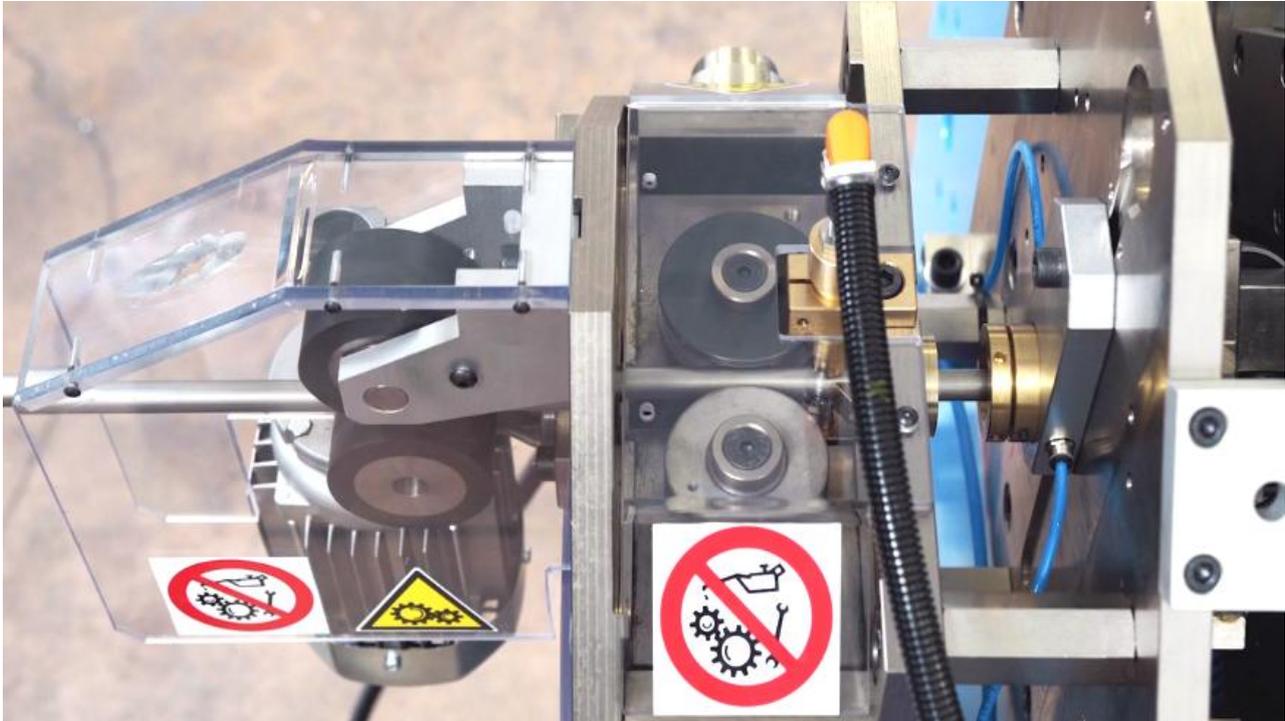**CSM MACHINERY**

OAKLEY INDUSTRIAL MACHINERY

AXIAL MARKING UNIT

▶ **WATCH THE VIDEO**

Marking of metal sheathed tubular elements with rating, voltage, type number etc, directly after the reduction of the tube is desirable from production point of view. Marking the tubes without intermediate handling means less operation cost and less danger for mix-up of elements.

The axial marking unit is a device that may be installed in line with the roll reducing mill to mark the reduced heating element along the element (parallel to its length axis).

The unit makes use of interchangeable pressing steel type characters with data such as:
V - W - etc.

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GENERAL CHARACTERISTICS

The marking and supporting rolls are mounted in a frame attached to the roll reducing mill and can be mounted on old as well as new mills.
The tube with-drawing device is attached to the marking equipment instead of the end plate of the bearing box assembly.
The reduced tube is pushed through the marking device by the rolls of the reducing rolling mill. The tube is automatically marked by the round type-holder which rotates to the end of the marking and then idles.
The tube is supported by a backing roll when being marked, avoiding bending of the tube and ensuring the right pressure for the correct imprinting of the characters on the heating element.
When the tube has passed, the type-holder automatically returns to its starting position.
The marking pressure can be varied by sliding in the block with the characters' holder.
The character-holding roll is removable to allow for the assembly of the characters sequence.
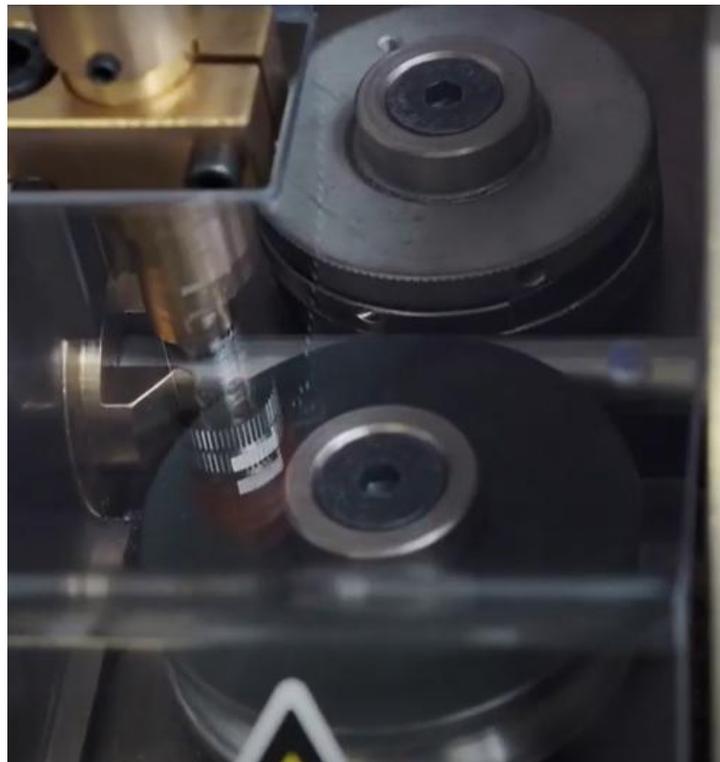Both rolls have an adjustable position, depending to the tube diameter, with micrometric adjustment.

TECHNICAL CHARACTERISTICS

Number of characters (spaces)	max	65
Set of characters (numbers/letters)		to be defined
Tube diameter	mm	min 6; max 16
Time for change of the type holder	min	2-3

ADVANTAGES

smooth operation in line with the roll reduction mill
flexible for different tube diameters

AVAILABLE VERSIONS

	One row	Two opposite rows
FIXED MARKING UNIT The beginning of marking is in a fixed **position** with reference to the element end	Mod. 141/30.00000	Mod. 141/40.00000
PROGRAMMABLE MARKING UNIT The beginning of marking is in a programmable position – from 50 to 200 mm with reference to the element end	Mod. 142/30.00000	Mod. 142/40.00000

OPTIONS

Mod. 100.07.001.00	Character holding roll 2 mm
Mod. 10A.07.001.00	Character holding roll 1.5 mm
Mod. 141/31.000000	Character holding roll 2 mm, complete with a set of characters
Mod. 141/32.000000	Character holding roll 1.5 mm, complete with a set of characters
Mod. 142/30.000020	Set of parts for a 2nd tube diameter for marking device Mod. 142/30
Mod. 142/40.000020	Set of parts for a 2nd tube diameter for marking device Mod. 142/40

MARKING CHARACTERS

Mod. 000.06.002	Marking characters, 2 mm
Mod. 001.06.002	Marking characters, 1.5 mm
Mod. 000.06.002.01	Spacer characters 2 mm
Mod. 001.06.002.01	Marking characters, 1.5 mm