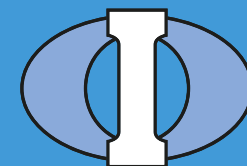




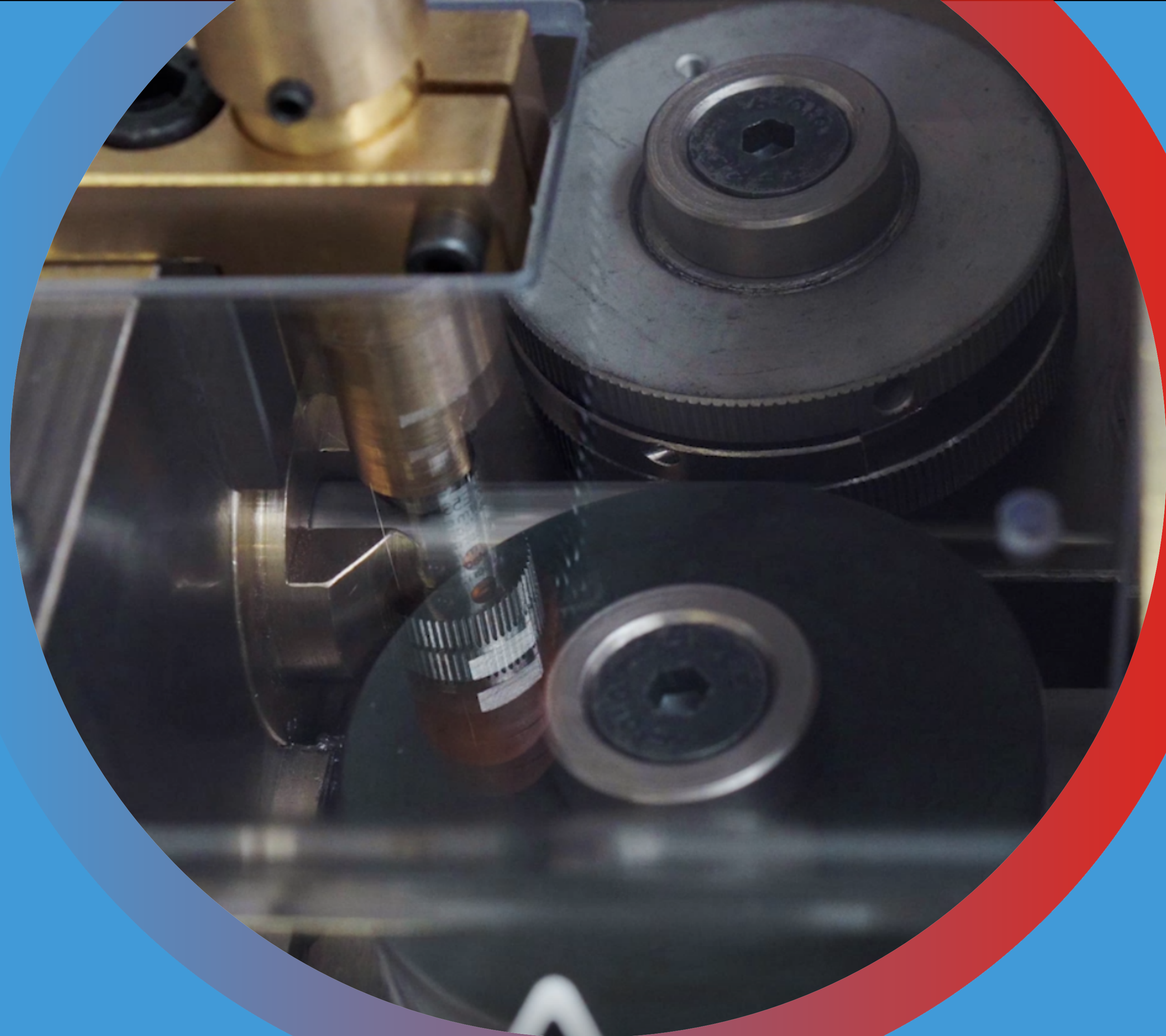
CSM MACHINERY



OAKLEY
INDUSTRIAL MACHINERY

Axial Marking Unit

Device installed in line with the roll reducing mill to mark the reduced heating element, along its length axis.



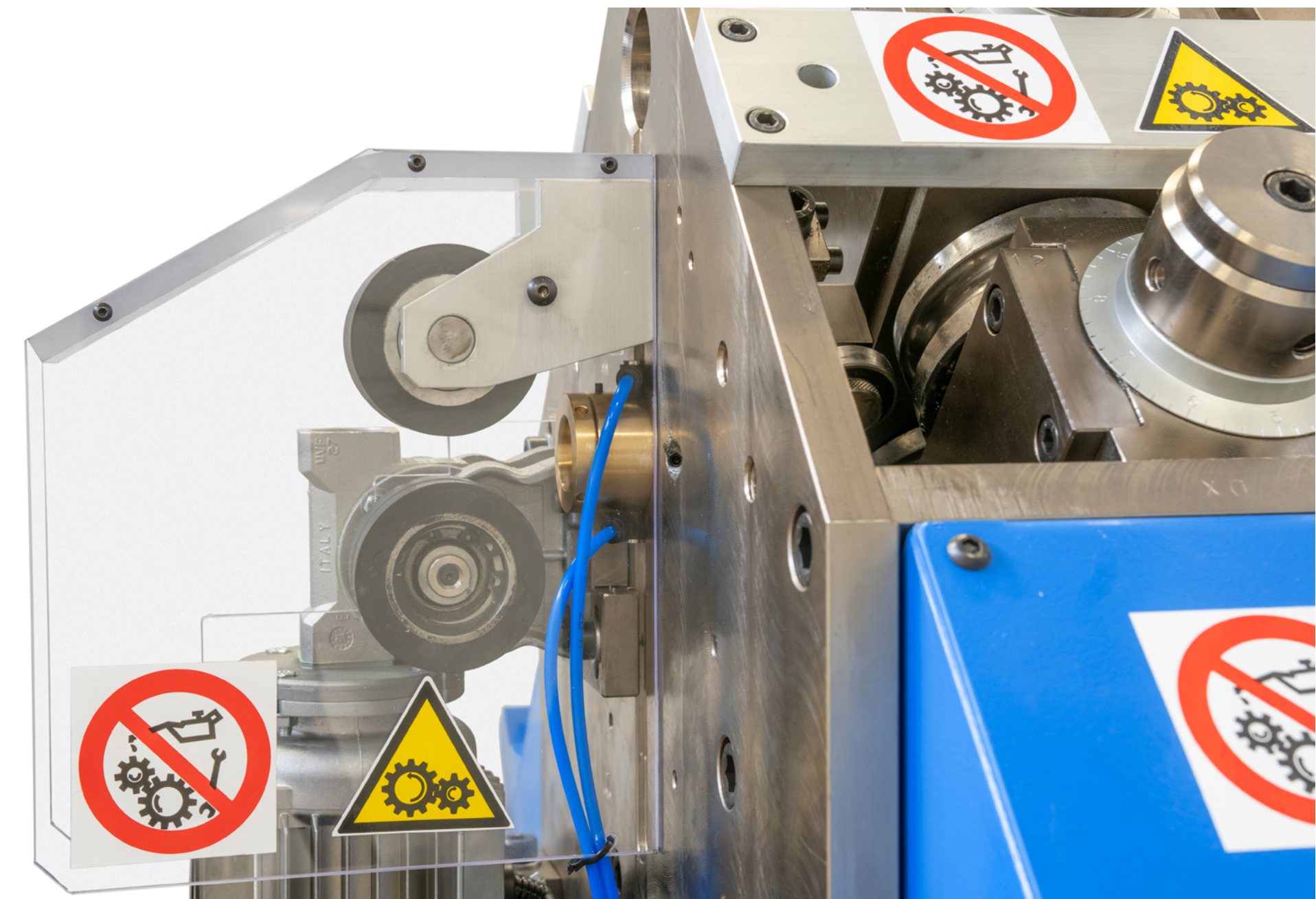
Machine composition

- **Frame** attached directly to the roll reducing mill; compatible with both new and existing mills.
- **Marking roll** fitted with interchangeable pressing steel type characters (voltage, rating, type number, etc.).
- **Character-holding roll** removable, to allow assembly and change of the character sequence.
- **Backing (supporting) roll** supports the tube during marking, preventing bending and ensuring correct imprinting pressure on the heating element.
- **Tube withdrawing device** mounted in place of the bearing box assembly's end plate.

The axial marking unit can be installed in line with the roll reducing mill to mark the reduced heating element along its length axis (parallel marking), directly after tube reduction, eliminating intermediate handling, reducing production costs and minimizing the risk of element mix-up.

The reduced tube is pushed through the marking device by the rolls of the reducing rolling mill. Marking is automatic: the round type-holder rotates along the tube during the marking cycle, then idles once marking is complete. Once the tube has passed through, the type-holder automatically returns to its starting position.

- Marking pressure is adjustable by sliding the character-holder block.
- Both rolls (marking and backing) are position-adjustable according to tube diameter, with micrometric adjustment.



Technical characteristics

Number of characters (spaces)	65 max
Set of characters (numbers/letters)	to be defined
Tube diameter	min 6 mm (.23"); max 16 mm (.63")
Time for change of the type holder	2-3 minutes

AVAILABLE VERSIONS

	One row	Two opposite rows
PROGRAMMABLE MARKING UNIT	Mod. 142/30.00000	Mod. 142/40.00000
The beginning of marking is in a programmable position – from 50 to 200 mm (1.9 to 7.9") with reference to the element end		

OPTIONS

Mod. 100.07.001.00	Character holding roll 2 mm (.07")
Mod. 10A.07.001.00	Character holding roll 1.5 mm (.06")
Mod. 141/31.000000	Character holding roll 2 mm (.07"), complete with a set of characters
Mod. 141/32.000000	Character holding roll 1.5 mm (.06"), 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 (.07")
Mod. 001.06.002	Marking characters, 1.5 mm (.06")
Mod. 000.06.002.01	Spacer characters 2 mm (.07")
Mod. 001.06.002.01	Marking characters, 1.5 mm (.06")