



Excellence through competence

EQUIPMENT FOR PROCESSING OF COMPOSITE POLYMERIC MATERIALS

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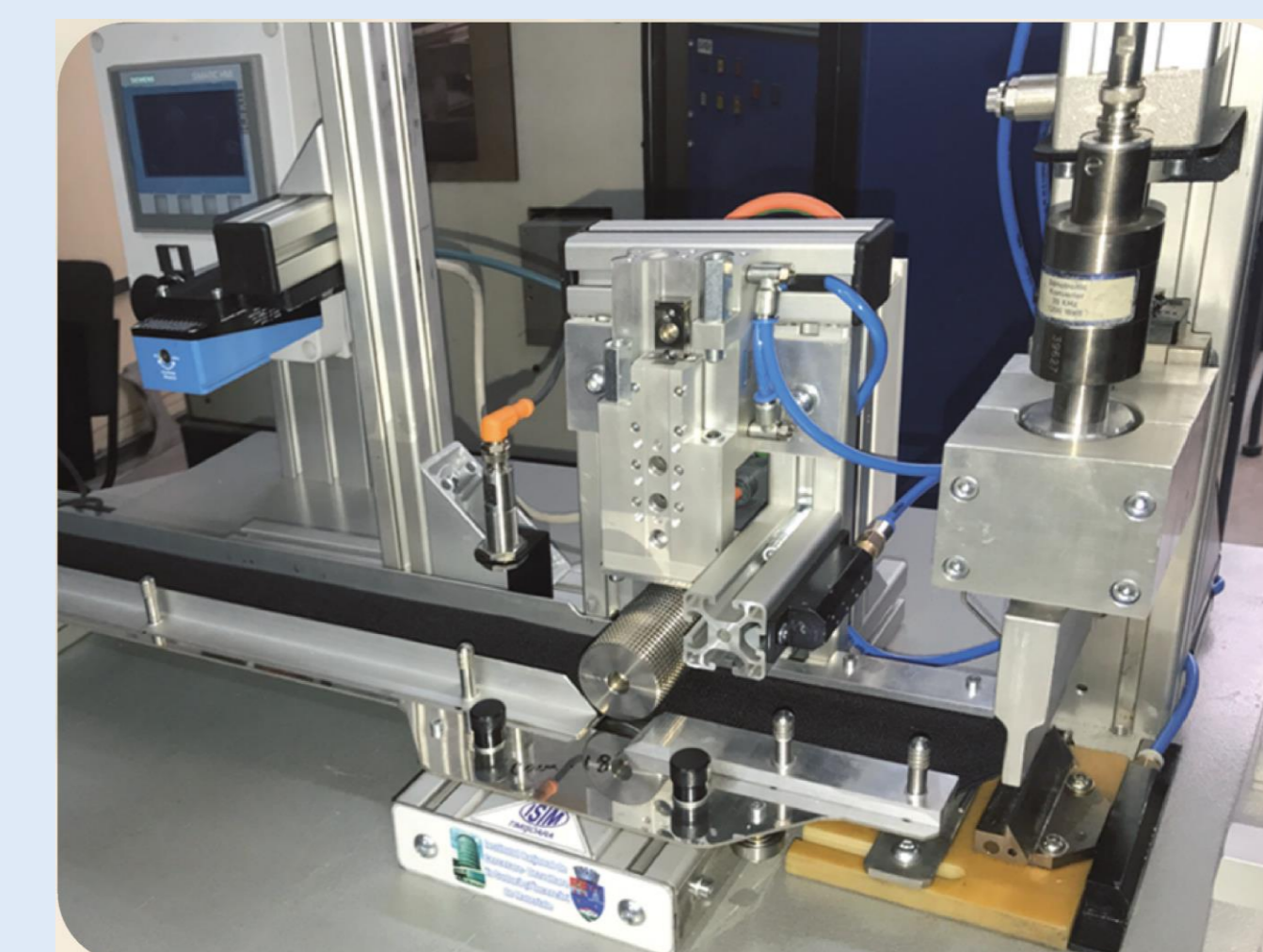
Field of use:

- Textile industry – industrial cutting of textile, polymeric and composite materials, as well as natural and/or leather;
- Automotive industry – industrial cutting of seat belts and car wires;
- Mass consumption industry – industrial cutting and/or sealing packaging of polymeric materials.



Technical data:

- Operating frequency: 35 kHz;
- Generator output: 1200 W;
- Welding force: 10 ÷ 650 N (at 8 bar pressure);
- Stroke: 100 mm;
- Height adjustment: 20 mm;
- Speed control: programmable servo-pneumatic drive system HMC;
- Flexible force configuration: up to 3 programmable welding forces, with the possibility to maintain force.



Advantages:

- Cutting without thermal degradation of the materials subjected to be processed (no blackened areas);
- Technological process without emissions or radiations that uses hybrid, thermal-ultrasound, technology;
- Sealing by thermal input of composite materials;
- Assures equal cut surfaces, without edge deformities or defects;
- Reduced processing time, compared to classic processes;
- Allows cutting a wide range of tape sizes made out of textile, polymeric and composite materials, natural and synthetic leather.

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