



T-PACK

PACKAGING AND SHRINK-WRAPPING MACHINE

WHAT IS T-PACK

T-Pack™ is an automatic compact and modular **packaging and shrink-wrapping machine for precious metals ingots**. It can be **easily integrated** to any production line and offers **customizable wrapping solutions**.

This packaging machine seals precious metals ingots - as well as objects of different materials - with a **heat shrink film**.

It includes two modules: the first one is a **tunnel**, where ingots are transported on a conveyor belt between **two layers of transparent film**.

By moving forward, the ingot is perfectly **packed and sealed**. In the heat shrink tunnel, the film completely adheres to the product. Packaged ingots are then collected manually by an operator.

TECHNICAL FEATURES

- **Welder size:** 360 x 490 mm
- **Maximum welder opening:** 120 mm
- Motorised automatic adjustment of welder opening according to product height
- **Film reel specifications:** H=500 mm – max. D=350 mm
- **Operating temperatures:** Welding approx. 225°C – Shrink wrapping 195°C approx
- **Power supply:** 400 V – Three-phase – 50 Hz
- **Total absorbed power:** 15 kW
- **Compressed air consumption:** 153 NL/min
- **Overall dimensions (LxWxH):** 2225 x 925 x 1610 mm
- **Weight:** 700 Kg approx.

OPTIONAL ACCESSORIES

SCARA ROBOT: The T-Pack™ can be further automated, by integrating a SCARA robot which can handle specific tasks, such as handling the printed material and placing the quality certificate under the ingot, before the latter is sealed.

CERTIFICATE PRINTER: A high-quality thermal transfer printer is used to print the certificates that are then inserted inside the ingot packaging by a SCARA robot. The printer is provided with an automatic vertical certificate feeder with adjustable size and a conveyor belt to transfer bars and certificates to T-Pack.

For your ingots you can choose between:



Tight packaging



Loose packaging

+ Other packaging solutions by Tera Automation

- **T-Blister:** PVC blisters for minted / casted coins & ingots
- **T-Fill&Seal:** Pillow bag packaging for PM grains



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