

Upgraded Thread Rolling Machine With Specific Customized Modifications

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The overhauling of its threading machines has always been a part of **TLM Srl's** business, and together with the production of new machinery, makes up an important part of the company's turnover.

The company's most thread rolling machine supplied as completely overhauled is an RP16 machine, purchased by a customer who has changed its production, orienting it towards molding only. This thread rolling machine was therefore bought back by TLM Srl and then completely disassembled, replacing the damaged and worn parts and updating it, bringing it to the latest versions made, both mechanically and electronically.

As often happens, special applications and customizations were provided as requested by the final customer to whom it was resold, **Brugola Oeb Industriale SpA** of Italy, to allow the new owner to easily carry out the necessary production operations.

At the end of the upgrading and customization work, the machine was supplied complete with a new electrical panel, accompanied by new technical documentation, wiring diagrams and CE marked, in compliance with the safety standards in force and equipped with what is additionally requested by the end customer.

Specific RP16 machine customization included the following new features:

- Soundproofing for noise at 80 db.
- Integrated production control systems (carousel for checking the presence of washers).
- Pneumatic sorting gate for bad pieces rejection connected to an effort control instrument.
- Vibro-feeder positioned on a motorized column, platform tank for oil containment.

Before shipping the upgraded and customized thread rolling machine to its new owner, a complete lay-out of the upgraded RP16 machine was sent to the customer for final approval.

TLM Srl overhauls are guaranteed and the overhauled TLM threading machines are no less efficient than new machines. Please see the accompanying photographs which are examples of TLM Srl's upgraded machines.

To learn more about the machine upgrading capabilities available from TLM Srl as well as the company's lines of new thread rolling machines, contact TLM in Italy or visit the company's website.

www.tlmweb.it

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More Than 40 Years of Thread Rolling Technology

Since 1979, **TLM Srl** has been operating on the market for the construction of machines for threading screws and bolts, for chamfering or for screw tips, for assembling washers and screws and for special machines for producing deformations on screws and for more.

The company, which is headquartered in Italy, designs and manufactures dedicated machines produced in line with customer specifications, in Europe and throughout the world. TLM Srl has a wide range of standard and special machines, capable of rolling wooden screws, hardened details and special screws, for application in a vast array of industry sectors, ranging from construction to automotive and domestic appliances.

The robustness and solidity of TLM thread rolling machines and equipment as well as the machines' simplicity of adjustment, has resulted in their popularity among user clientele, making them suitable for use in the production of hardened details, used in particular in the automotive sector.

Over the years, TLM machines have been perfected both in terms of technology and production capacity. However, the company has not limited itself to perfecting its own machines.

TLM's constant commitment to research and technological innovation inspires the company to introduce new machine developments and prototypes onto the market.

TLM's latest creations include a micro-thread rolling machine for the threading of screws for jewelry, glasses and small metal parts; a quality control machine; an automatic loading system; and elevators



TLM RS16 Thread Rolling Machine

for long parts.

Examples of machines offered by TLM Srl include the following:

- Flat-die threading machines.
- Combined machines - modular or multifunction.
- Roller and segment rotary threading machines.
- Chamfering machines for points and special pieces production.
- Other machines including loaders, sorting/inspection systems, washer loaders and component coupling systems.

Find additional technical information and machine specifications at: **www.tlmweb.it**

Company Profile:

TLM Srl manufactures and supplies machines for the production of screws and special parts. TLM Srl designs and produces dedicated machines, incorporating customer-requested specifications, striving to fulfill all requirements or particular requests, guaranteeing maximum professionalism and reliability. Machine and equipment upgrades are also offered by the company. TLM's customer base extends way beyond Italy, to Europe and other countries throughout the world. Over the years, TLM thread rolling ma-

*chines and ancillary equipment have been perfected both in terms of technology and production capacity. **Pietro Luigi Sorli**, Director of TLM Srl, heads a team of design staff and is always available to customers in search of solutions for the manufacturing of special details. Sorli's sons also work at the company, guaranteeing the continuity of TLM. The company's highly qualified and productive manufacturing and service staff includes 13 technicians along with four external collaborators. Learn more about TLM Srl at: **www.tlmweb.it***