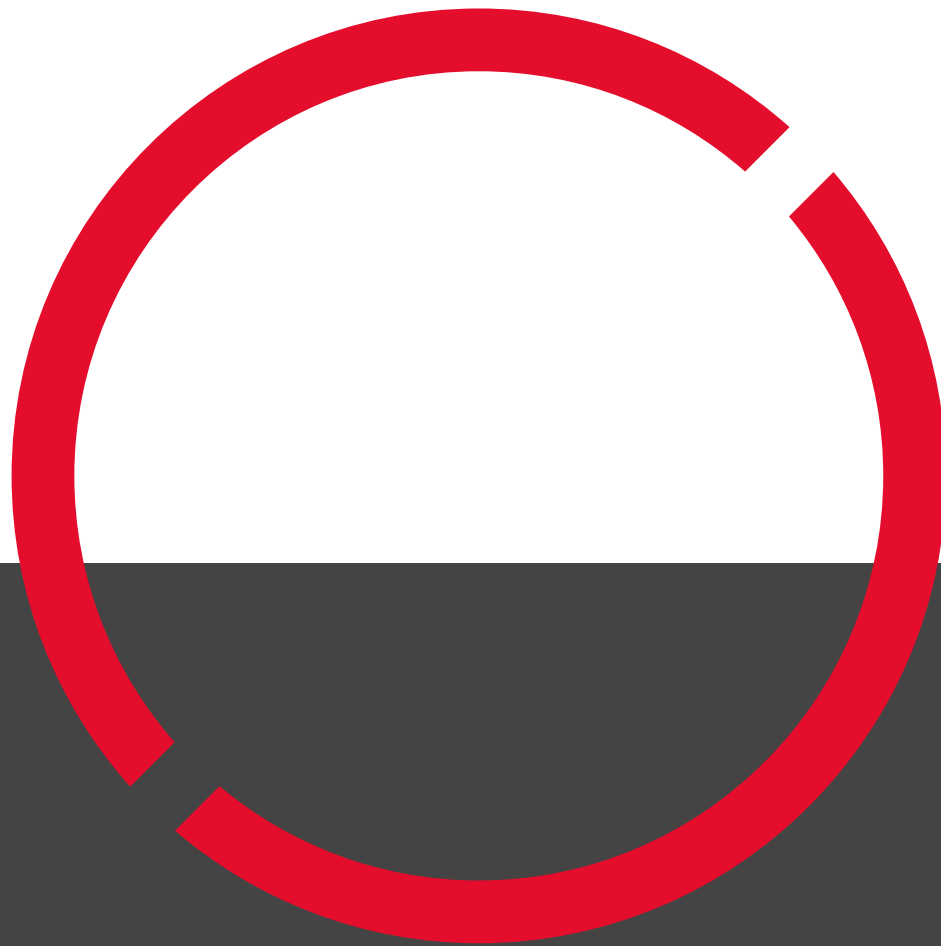




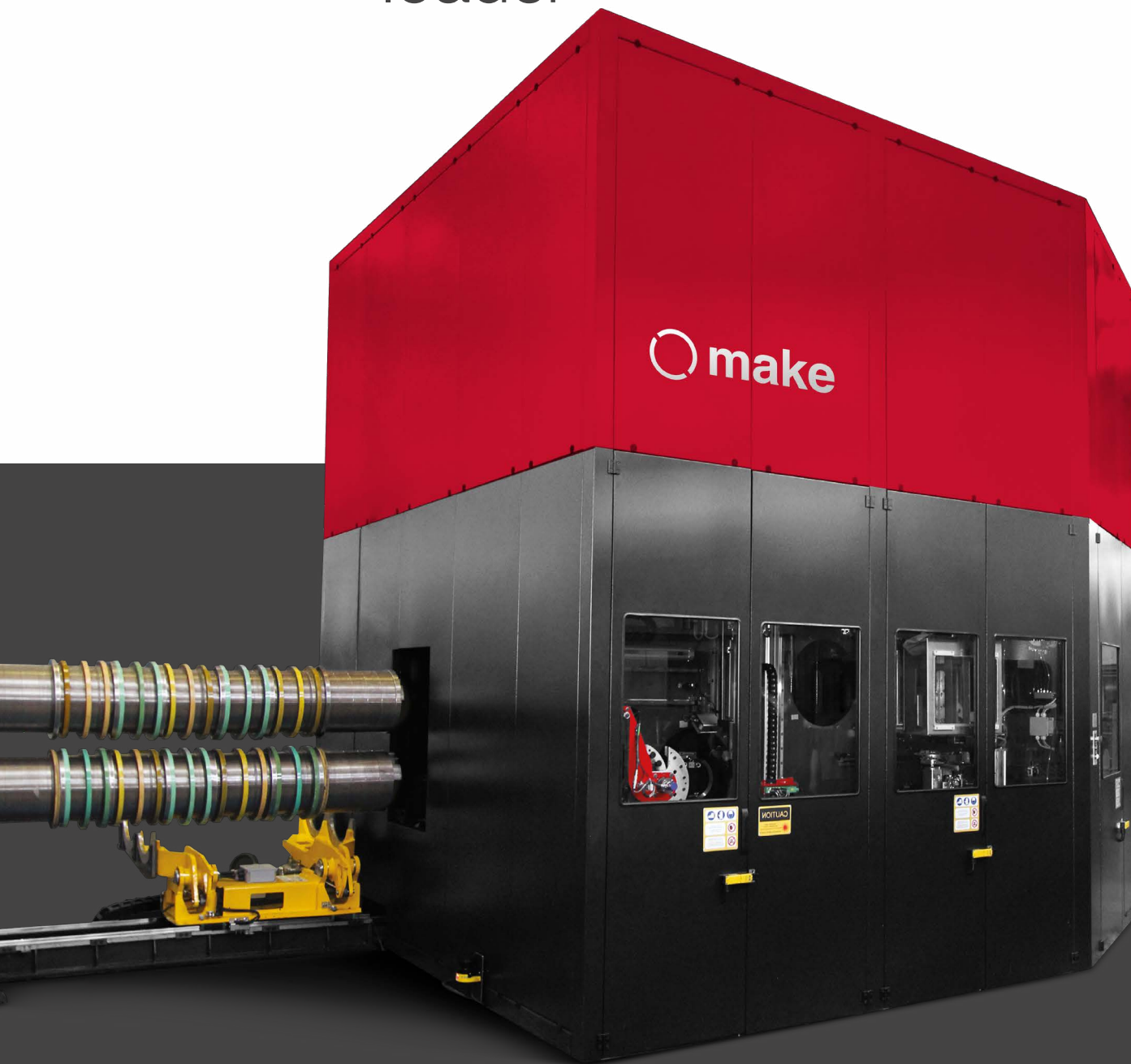
Revolutionizing SlitterTool Handling

The Slitter Tool Automatic Handling Loader (STAHL) revolutionizes slitter line operations by fully automating the tool handling process. By eliminating manual intervention, STAHL minimizes human error and safety risks. Leveraging patented technology, it delivers unparalleled efficiency and speed to maximize your production.

Roboticsdivision

STAHL

Slittertool automatic handling loader



Solutions

TOOL STORAGE

- modular layout storage
- ultra high capacity
- best fit with existing slitters



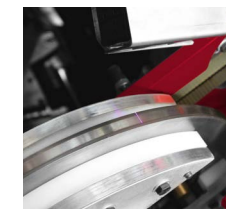
TOOL HANDLING

- less than 11 sec/tool
- any tool thickness from 1,0 mm
- sticky tool separation
- brushless servomotors control
- intelligent loading and unloading



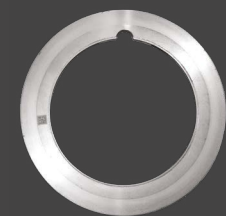
KNIVES CHECKING

- repeatability up to 2 micrometers
- edge wear measurement
- defects detection
- knives classification
- damaged or worn knives automatic ejection



TOOL ID READING

Each tool is uniquely identified by a **2D laser-marked code**. During storage population, the system automatically recognizes the tool, updates the database, and assigns it to the correct position, **eliminating manual data entry and ensuring full traceability**.



TOOL WASHING

Full automatic tool washing system. 2 or 4 pins. 2 separate tanks, one for ultrasonic washing, the other for passivation and drying.



NEW L2

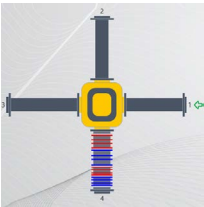
Slittingplan automatic combination generator



Solutions

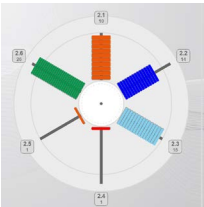
SETUP CREATION

- automatic cut type selection
- 100%customizable knives gap and rubber positioning
- instant graphical formation output
- automatic scheduler



INSTANT GRAPHICAL REPRESENTATION

- storage
- gripper
- mission data
- shaft



STORAGE & TOOL TRACKING

- tools management
- knife use tracker
- report generation



PERFECT & REAL COMBINATION

Based on the knives and rubbers selected by the user, the software proposes the ideal combination, assuming unlimited tool availability. The user can then generate the real combination based on the tools currently available in storage, excluding those already mounted on the shaft or sent out for regrinding.

ERP & SLITTER SYSTEM CONNECTION

Easy integration with any existing ERP system and any slitter in the world. The ERP connection allows automatic PO import into the system, simplifying operations and eliminating the risk of manual entry errors.

Differentiated products & design approach

10.000 sqm | **UNI EN ISO 9001**
HEADQUARTER | QUALITY CERTIFIED

mtmgroup

CONTACTS

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via Andrea Palladio 36
30038 Spinea VE Italy

At MTM, we specialize in providing complete, high-performance coil-to-tube systems for manufacturers worldwide.

Our tube mills and slitter-line automation robots are engineered with innovation and built for long-term reliability. Backed with over 50 years of engineering experience, we work closely with you to deliver machinery that precisely matches your requirements.

 **Tube**division

 **Robotics**division

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