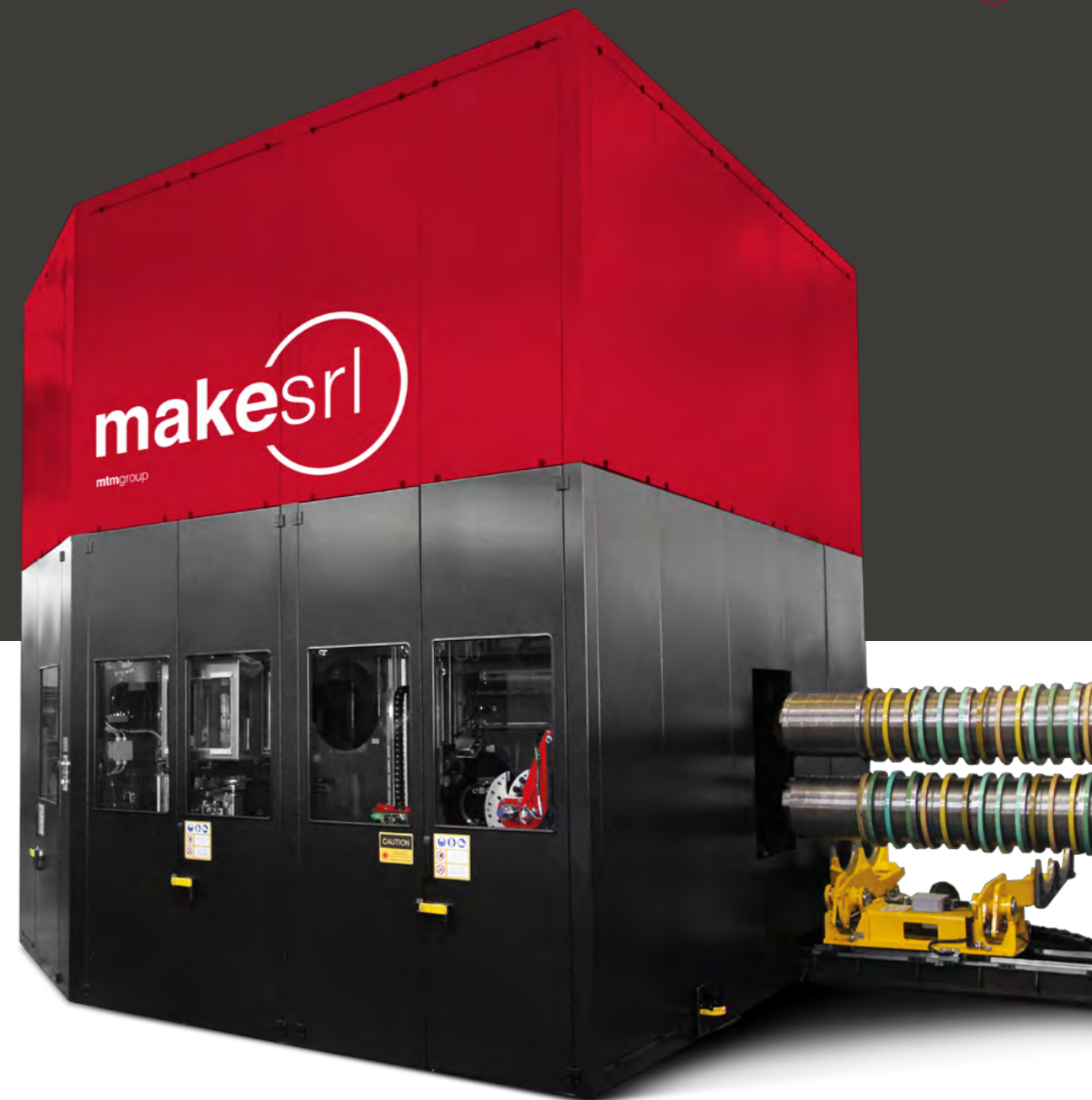


makesrl

STAHL
SLITTER
TOOL
AUTOMATIC
HANDLING
LOADER

mtmgroup
makesrl

tool storage
tool handling
knives checking
tool ID reading
tool washing



tool storage

modular layout storage
ultra high capacity
best fit with existing slitters
scalability for future expansions

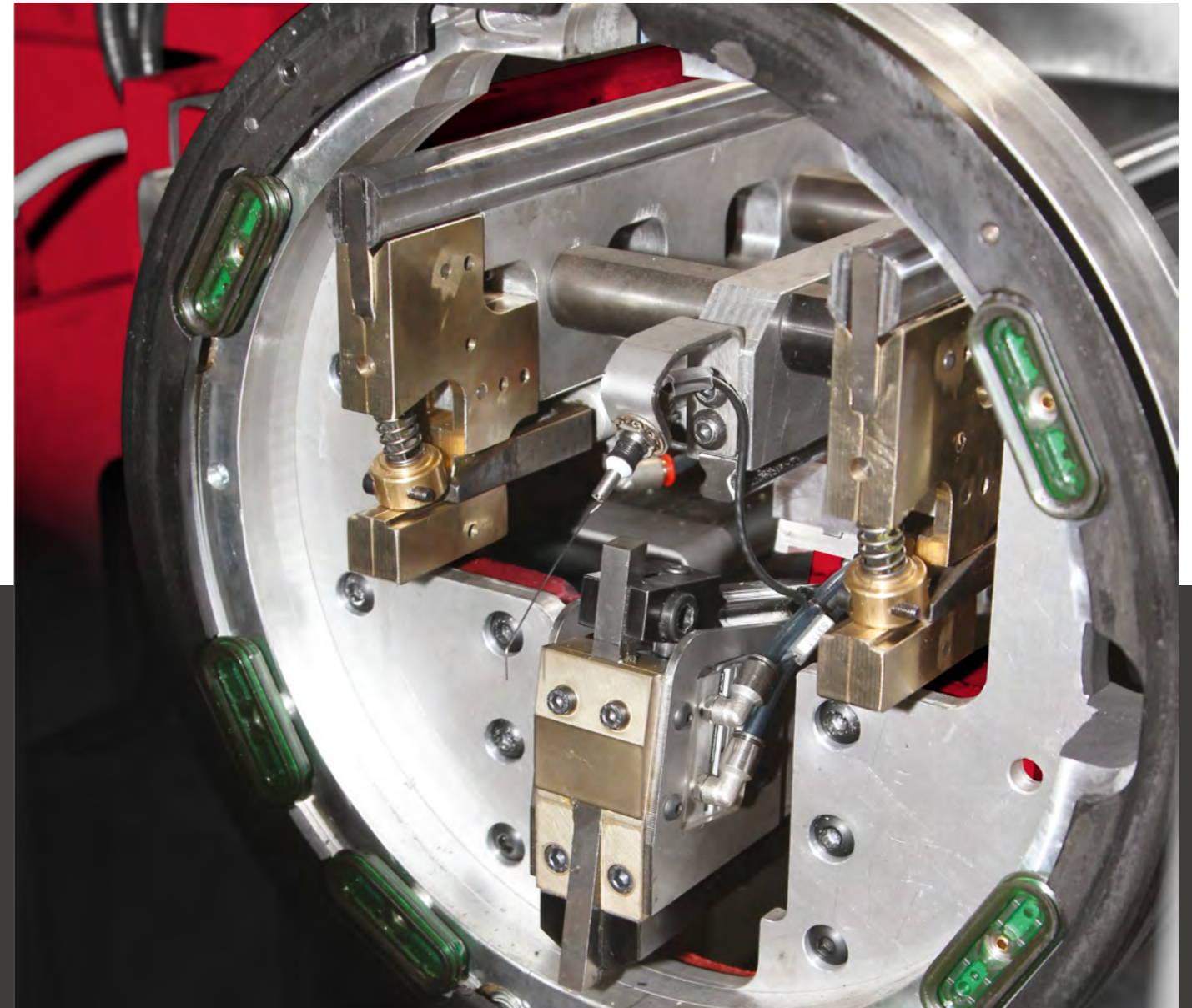


tool handling

less than 6 sec/tool
any tool thickness from 0.5 mm
no grip = no tool damage
sticky tool separation
brushless servomotors control
auto-tuning system

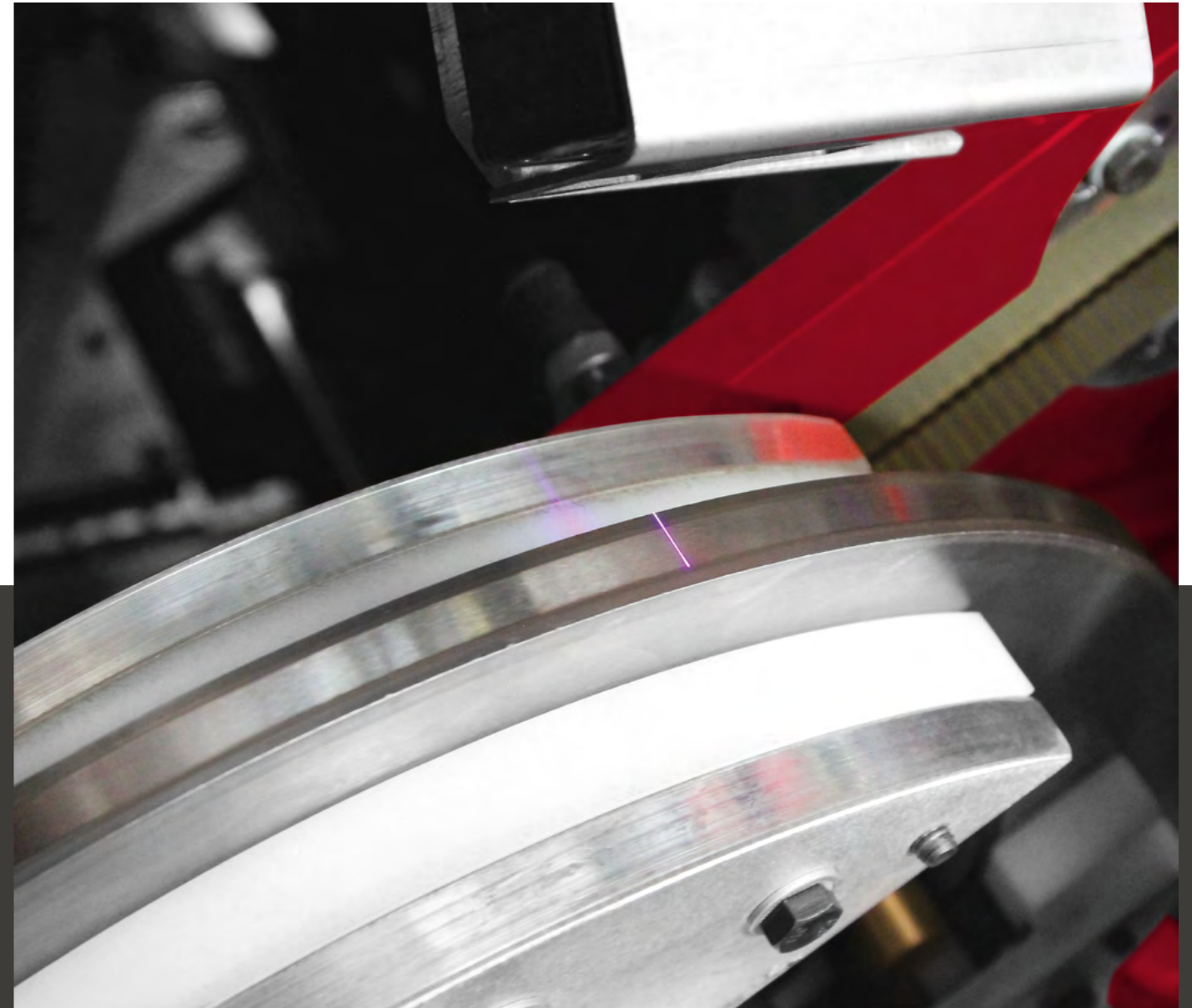
tool selection criteria:

- to optimize cut quality
- to preserve knives edge
- to prolong tool life



knives **checking**

repeatability up to 5 micrometers
edge wear measurement
defects detection
knives re-classification
damaged or worn knives automatic ejection



tool ID reading

all tools uniquely recognized

engraved laser-marked 2D code on each tool does not require operator to enter tool feature at any loading

system automatically recognizes all tools, updates database and stores them in the right place



tool washing

full automatic tool washing system with detergent + heat + ultrasonics



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