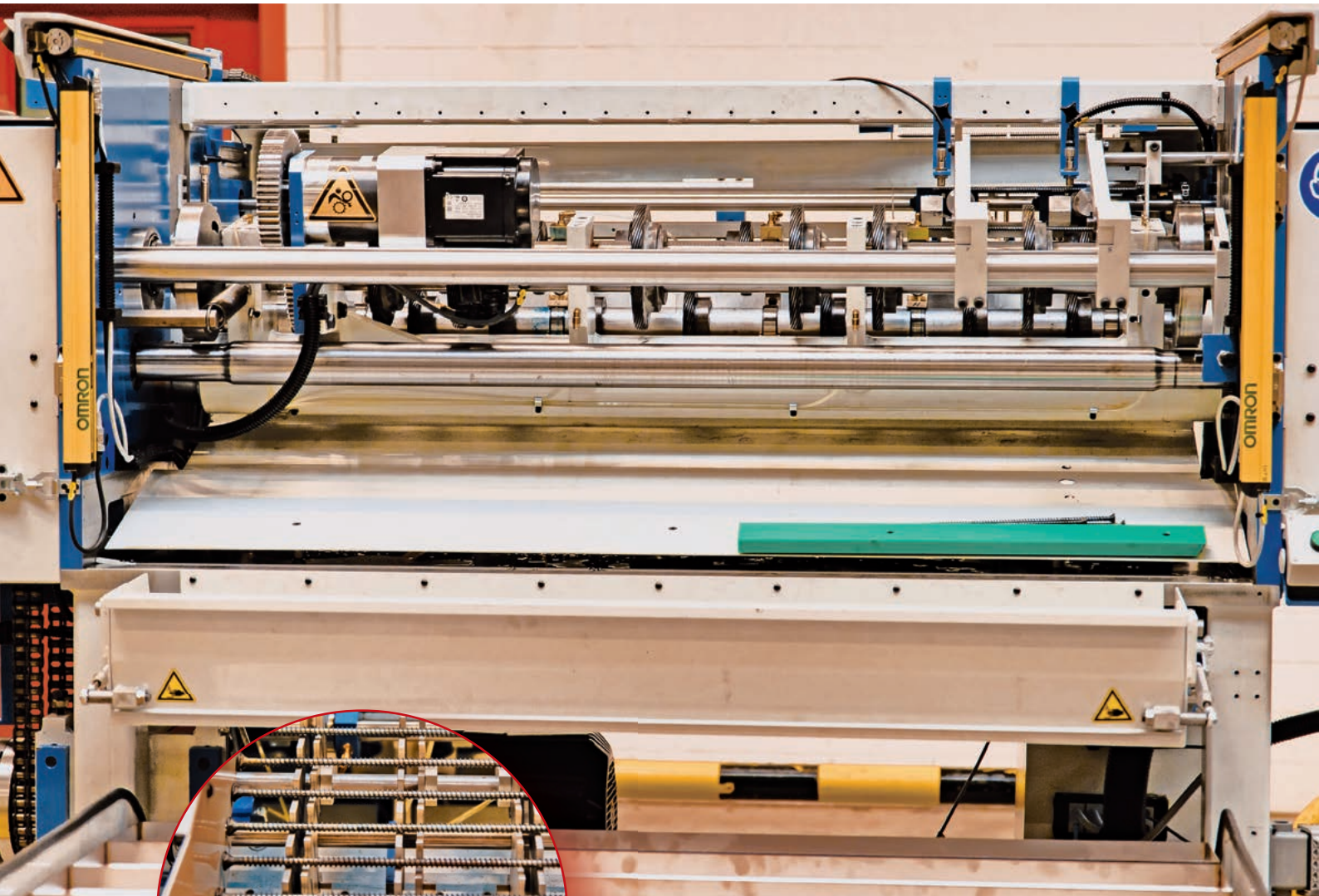


AACHENER MASCHINENBAU GMBH

AMBA



SCREW STRAIGHTENING MACHINE RIM

For straightening hardened screws with full or partial threads up to a length of 1,000 mm - only AMBA can do that.

Being of modular design, the **Screw straightening machine RIM** offers a great deal of flexibility. AMBA customizes its machines to individual specifications.

TOP

Highlights

- ⇒ Screws up to 1,000 mm long – infinitely adjustable and 12 mm diameter
- ⇒ Up to 40 screws per minute
- ⇒ Reduction of deflection > 70 % compared to the undirected status
- ⇒ Servo drives for straightening shafts
- ⇒ Central lubrication system
- ⇒ Option: collecting conveyor for exact portioning and buffering of the finished screws behind the machine

STRAIGHTENING MACHINE RIM

- The screws to be straightened are fed via a magazine and a step feeder.
- Transport is solved by the proven AMBA spindle system.
- The axial distance of the steps and transport spindles is infinitely adjustable and adaptable to the product length.
- The straightening unit consists of three shafts with straightening rollers individually adapted to the product – profiled for thread position and unprofiled for shaft position.
- The straightening shafts are actively driven so that the screw is already set in motion before the straightening process begins.
- The infeed movement of the rotating straightening tools is centrally adjustable via an eccentric.
- The straightening pressure resulting from the lining is variable to a limited extent.

