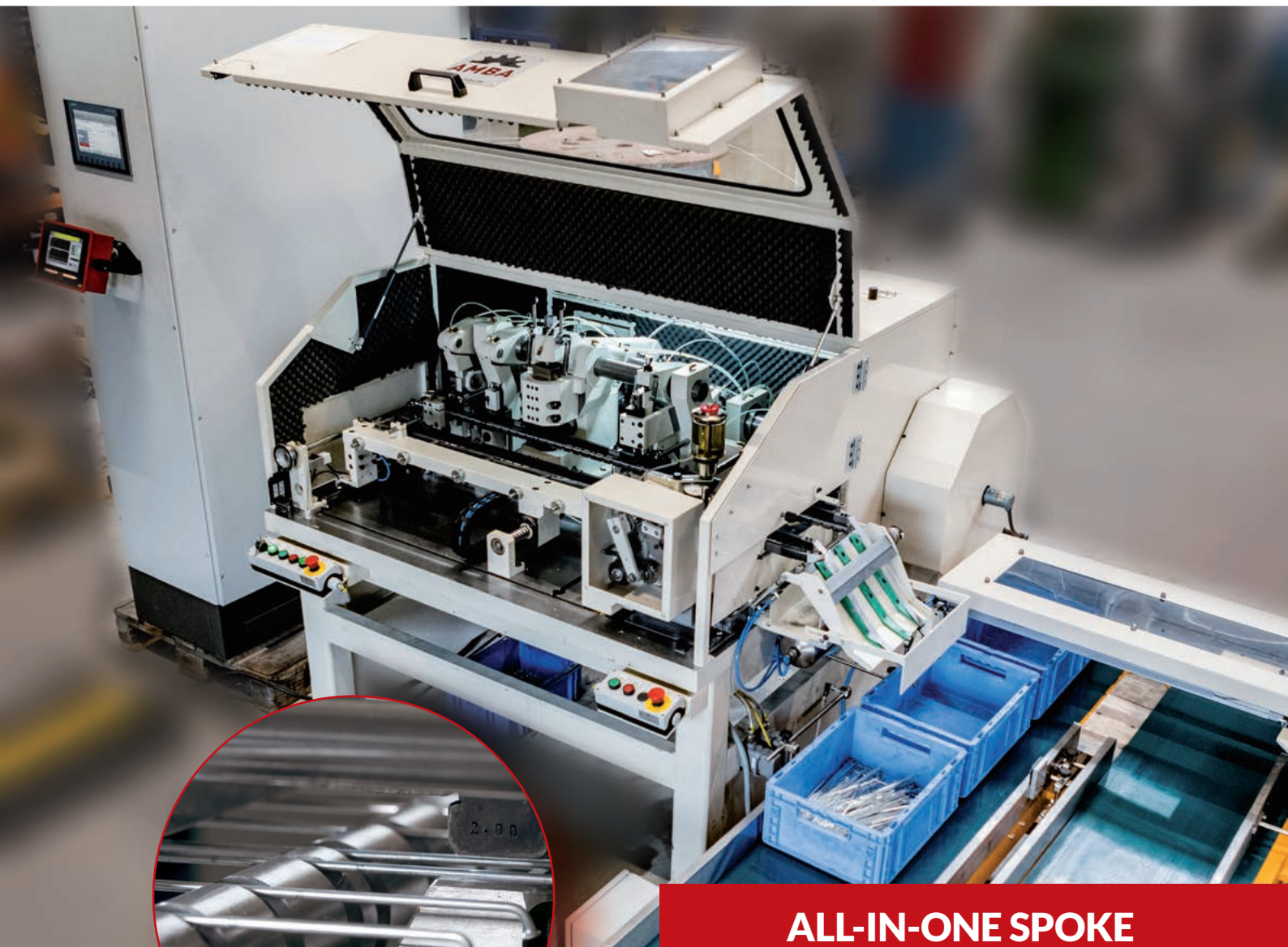


AACHENER MASCHINENBAU GMBH

AMBA



ALL-IN-ONE SPOKE MAKING MACHINE

For the production of spokes from galvanised – or stainless steel wire for bicycles and motorbikes we supply our **All-in-one spoke making machines** as complete solutions. Unwinding from coil to finished, threaded and bent spoke.

As with our screw making machines, all production steps are combined in one machine for the spoke making machines.

ALL-IN-ONE SPOKE MAKING MACHINE

- Infinitely variable drive, incl. frequency converter for production speeds of up to 300 spokes per minute
- PLC control SIEMENS or OMRON with touch panel
- Central lubrication system
- Compact machine concept with small footprint
- Max. spoke length up to 600 mm possible



Spoke making machine II

Generation II includes our servo motor controlled wire feeder (AMBA WFS) with cutting tolerance of ± 0.05 mm.



Spoke making machine III

As an upgrade to Generation II, a fully electronically controlled length change of the spoke is integrated with preset geometries for head, bend and thread.



Driven wire decoiler

with speed control for smooth decoiling of the wire and feeding into the machine.



Stacking Magazin

Feeding of straightened and cut-to-length bars as well as single-butted or double-butted spoke blanks



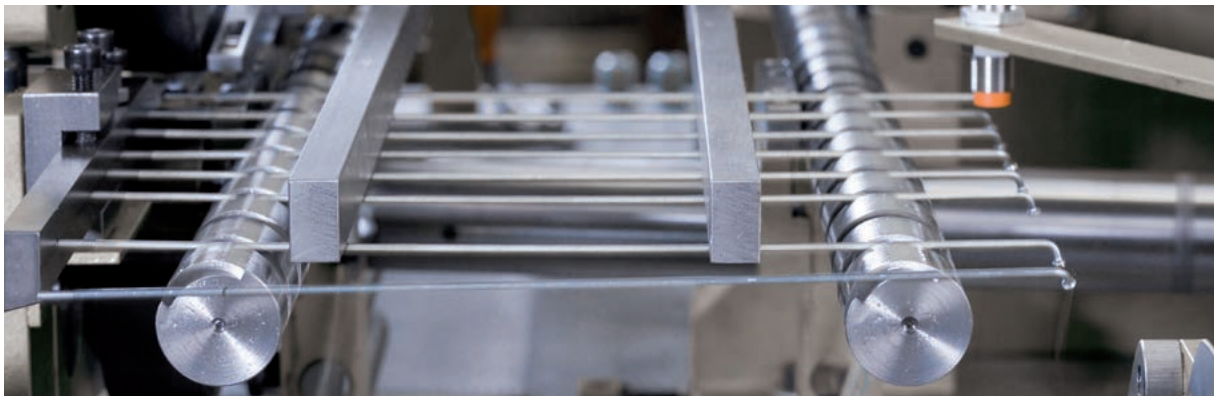
Process & measurement monitoring can be integrated

Process monitoring during upsetting and thread rolling or measuring processes via optical monitoring.



Magazin

for precise portioning and buffering of the finished spokes behind the machine.



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