

tubeorientation for tube bending machines

Automated orientation of perforated and marked tubes before the bending operation

Situation:

Bending of perforated tubes require an exact positioning of the tubes before the bending operation. Normally, an experienced machine operator has to adjust the position of every single tube before the bending operation can be started. This procedure is very time consuming and error-prone. In addition, an automated feeding system, e.g. utilizing a robot, is very cost intense.

Solution:

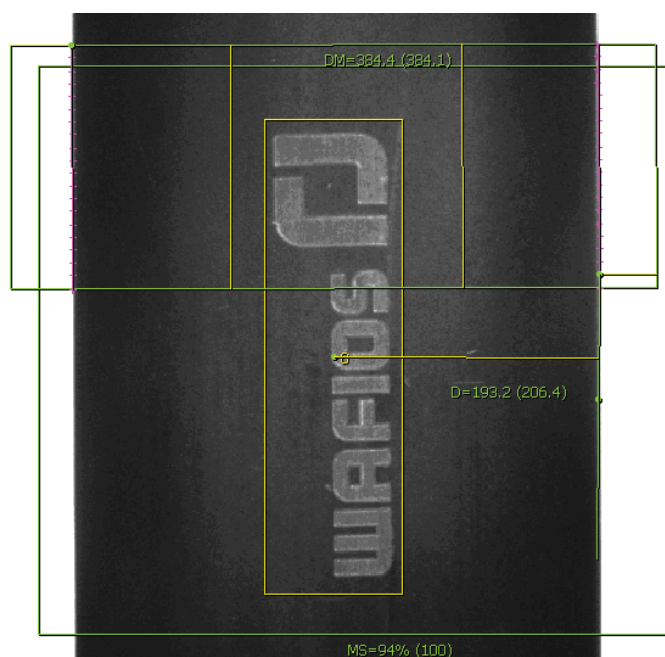
iQtubeorientation enables the automated orientation of perforated and marked tubes on the bending machine. Orientation of the tubes before or during the feeding process is no longer necessary. A camera system recognises the orientation of the tube and the rotatable clamping unit of the WAFIOS tube bending machine adjusts the orientation of the tube automatically. Due to orientation and bending operation in one clamping, precision of the tube bending process is increased.

Your benefits:

- Automated orientation of perforated and marked tubes in the WAFIOS tube bending machine
- Simplification of the manual feeding process
- Avoidance of errors due to automated orientation of the tubes
- Simplification and cost reduction in automated feeding processes
- Quality increase through orientation and bending operation in one clamping

Available machine types:

- RBV machines
- Compatible machine sizes on request



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