



RESISTANCE WELDER 1831

The **Resistance Welder** is designed to weld marking rings to a metal tube. The ring will be held back in a special fixture. It is possible to choose different positions in length to weld the ring to the tube.

The weld head is mounted on a precision parallel gripper. After positioning the catheter, the industrial weld electrodes will move on the ring and weld it to the tube. Due the rotational catheter fixation, it is possible to make 2 welds in a 90 degree angle.



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Technical Specifications

- catheter diameter: 0.5–4 mm
- process time: 10 s
- pneumatically actuated fasteners to hold the product
- Amada Miyachi resistance weld head
- headstock to rotate the catheter
- low pressure system: 6–10 bar (87–145 psi) for product fixation
- process way: 250 mm
- 3Phase stepper motors
- simple user interface with BW-TEC HMI
- PLC Controller and PC for HMI and data management, network compatible
- zoom camera and separate screen for process monitoring
- dimensions (L x W x H): 570 x 640 x 2450 mm
- weight: 350 kg
- power: 3 x 400 VAC
12000 W