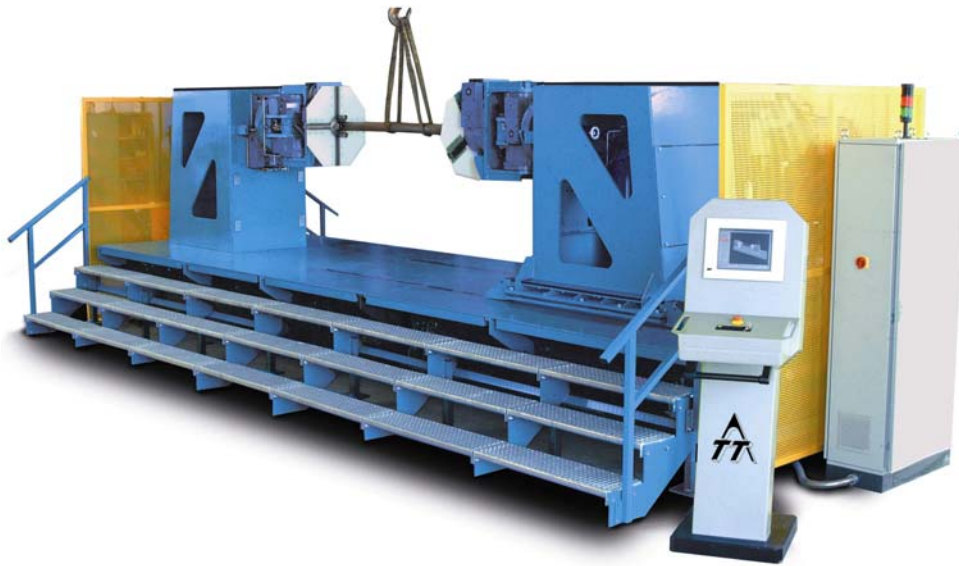


# ROBOFIX

## 3D Positioning Device for Spot Welding of the Flanges to Template Pipes



### Features / Equipment

- Highly precise three-dimensional positioning of the pipe flanges according to the on-site measured assembling situation, considering the correct rotation angle and the hole locations of the flanges
- Direct input of the positioning data acquired by the SCOPELINK measuring device is possible
- Robust gantry with precise guide rails, driven by servo motor
- 3D flanges with hemispherical orientation, driven by servo motors
- Hydraulic locking device for fixation of the assembling situation
- Mobile control board with Touch-PC, control and visualisation software is pre-installed
- Integrated collision controls
- Positioning device capable for spot welding of 4-, 6-, 8- or 10-hole flanges

Technical Data	ROBOFIX
• Maximum direct length of the template pipe	2000 mm
• Maximum Travel of the gantry	2000 mm
• Rotation of the 3D flanges	$\pm 90^\circ$
• Stall torque of the 3D flanges	> 500 Nm
• Maximum permissible weight of the pipe	400 kg
• Flange adapters	DN 40 - DN 400
• Positioning accuracy of the 3D flanges	$\pm 0,01^\circ$ per axis
• Positioning accuracy of the gantry	$\pm 0,1$ mm
• Positioning time	< 60 s
• Dimensions (LxWxH)	7200 x 3500 x 2200 mm
• Weight, approx.	8000 kg
• Operating voltage	400 V, 50 Hz, 3 phases
• Power requirement	16 kW

Subject to technical alteration • 2005-12



THE ONLY CHOICE FOR PERFECT PIPE INSTALLATIONS

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