



## Specialized Tools for Orbital Welding and Tube Processing

### Product Overview



**Rolling**

**Cutting**

**Pulling**

**Expanding**



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### Welcome to A.O. Rohrwerkzeug GmbH

Our company is a manufacturer of specialized tools for apparatus and boiler construction, based in Münnernstadt, Lower Franconia. The company was founded in 1951 as Albert Otto KG by its namesake founder, Mr. Albert Otto, who originally came from Berlin. At the end of the 1970s, the company joined the Remscheid-based firm Kotthaus + Busch.

Since 1991, the company has been independent again under the name A.O. Rohrwerkzeug GmbH. To honor the founder, his initials (Albert Otto) still adorn the company name to this day. At the end of the 1990s, Dipl.-Ing. Harald Frank, who also owns the company Frank Rohr- und Walztechnik (FRW) in Lauta, Saxony, took over the company. This laid the foundation for complete tube processing and tube fastening. Since then, manufacturing, sales, and service have been provided from a single source. The A.O. Rohrwerkzeug GmbH team has over 40 years of experience in manufacturing specialized tools for apparatus and boilers.

In April 2017, Dipl.-Ing. Harald Frank retired after many years of service. Subsequently, all activities of Frank Rohr- und Walztechnik were transferred to A.O. Rohrwerkzeug GmbH. There were also changes in management. Since April 2017, the company has been led by Mr. Ralf Straub and Mr. Martin Frank. Since then, all services have been offered entirely by A.O. Rohrwerkzeug GmbH.



## Specialized Tools for Orbital Welding and Tube Processing

Our production covers everything needed for tube processing in apparatus and heat exchanger construction. This ranges from tools for cutting behind the tube sheet, tools for pulling out tubes, to tools for expanding tubes before welding, tools for post-weld applications up to 4000 bar, as well as tools for orbital welding technology.

- Self-acting tube rolling tools in various standard versions and custom designs
- Automatic tube rolling tools with integrated torque control, available as standard and custom tools
- Water-hydraulic tube expanding process for single and double tubes up to 4000 bar, including related tools
- Tools for tube end and tube sheet processing
- Centering tools for orbital tube welding technology
- Pressure test plugs (self-sealing and self-locking)
- Tube cleaning tools and systems
- Smooth tools as well as groove cutting tools
- Custom tools according to customer requirements, including prototype manufacturing

Our service department enables us to be directly on-site, solving customer tasks quickly and efficiently — whether it's rolling, cutting, pulling out, or water-hydraulic expanding up to 4000 bar. Additional services include:

- Rolling operations, even for thick-walled tubes
- Removal of weld seams for dismantling in apparatus and boiler construction
- Assembly services

If customers wish to carry out work themselves, various tools can be rented. Available equipment includes:

Tube pulling | Tube rolling | Tube milling | Tube laying








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### Baureihenliste


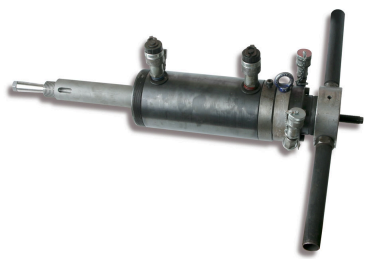



BR.	Bezeichnung	Bild
03	Cover Rolling Tool SIMPLEX according to DIN 443	
04	Cone Tube Roller H (up to Series 06)	
10	Quick-Step Tube Rollers	
20	Cone Tube Roller without Stop	
26	Tube Rollers for Mechanical-Hydraulic Rolling Process (up to Series 28)	
32	Valve Seat Rollers	
36	Self-Acting Tube Rollers BV (up to Series 38)	
40	Self-Acting Tube Rollers BV (Special Versions)	
44	Self-Acting Tube Rollers T (up to Series 46)	
50	Tube Holders TF	
51	Internal Tube Cutters TC	



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54	Centering Tools	
55	Tube Pulling System TPS with Spindles	
60	Tube Edge Milling Machines	
64	Tube Rollers for Boiler Construction (up to Series 67)	
72	Universal Joints and Spare Parts	
74	Tool Adapters	
76	Quick-Step Tube Rollers MH (up to Series 77)	

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79	Tube Pulling System TP for Thin-Walled Tubes	
80	Tube Pulling System TP for Thick-Walled Tubes	
81	Automatic Tube Rollers (up to Series 89)	
93	Electronic Tube Rolling Systems	
97	Hydraulic Tube Expanding Device TES	



## **Specialized Tools for Orbital Welding and Tube Processing**

If you have any further questions about our products, we are available during our business hours by phone, fax, and email. You are also welcome to schedule a demonstration appointment at your location or at our facility. During this appointment, we will gladly show you the capabilities and operation of our tools and equipment. We look forward to hearing from you.

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**[www.ao-tubetools.com](http://www.ao-tubetools.com)**