

TUBOMAT 642

The professional solution for hydraulic tubing (for tubes from Ø 6 - 42 mm)



Features / Equipment

- Electric control with quadruple bending angle pre-selection and digital display
- Hydraulic mandrel retraction
- Circular saw with cooling and automatic feed
- Internal and external deburring unit
- Mobile and flexible to use

Options

- Electronic bending angle control with nominal / actual value display and automatic eightfold sequencing of the bending angles
- Plane of bend device with 3-jaw chuck and length stops
- Mechanic collet chuck or hydraulic chuck
- 2-axes measuring system with digital displaying of the length and rotation position
- Anticipated mandrel retraction (only in conjunction with electronic bending angle control)
- Manual or automatic mandrel lubrication device
- Available tube lengths (over mandrel): 1500, 3000, 4500 and 6000 mm
- Cutting ring assembly device with manual or automatic pressure adjustment
- Accessory devices for flaring and chamfering

Technical data	
Maximum tube diameter (OD)	42 mm
Maximum bending radius (CLR) ¹	90 mm
Bending speed	20 °/s
Bending accuracy	± 0.2 °
Dimensions (LxWxH) ²	2300 x 800 x 1200 mm
Weight, approx. ²	600 kg
Power requirement	1.5 kW

¹ depends on tube diameter (OD)

² at min. tube length (over mandrel)

Subject to technical alteration • 2010-11



THE ONLY CHOICE
FOR PERFECT
PIPE FABRICATION

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TUBOMAT 648

The professional solution for hydraulic tubing (for tubes from Ø 6 - 48 mm)



Features / Equipment

- Electronic bending angle control with nominal / actual value display and automatic eightfold sequencing of the bending angles
- Hydraulic tube clamping
- Hydraulic mandrel retraction
- Circular saw with cooling and automatic feed
- Internal and external deburring unit
- Mobile and flexible to use

Options

- Plane of bend device with 3-jaw chuck and length stops
- Mechanic collet chuck or hydraulic chuck
- Following pressure die
- 2-axes measuring system with digital displaying of the length and rotation position
- Anticipated mandrel retraction
- Manual or automatic mandrel lubrication device
- Available tube lengths (over mandrel): 1500, 3000, 4500 and 6000 mm
- Cutting ring assembly device with manual or automatic pressure adjustment
- Accessory devices for flaring and chamfering

Technical data

Maximum tube diameter (OD)	48 mm
Maximum bending radius (CLR) ¹	145 mm
Bending speed	20 °/s
Bending accuracy	± 0.2 °
Dimensions (LxWxH) ²	2300 x 800 x 1200 mm
Weight, approx. ²	600 kg
Power requirement	1.7 kW

¹ depends on tube diameter (OD)

² at min. tube length (over mandrel)

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