



MB 642

Mobile bending machine

**MB 642 - Mobile bending machine**



Mobile bending machine with RE 642 A und HA 642 A + VVS 642 HA

**Mobile bending machine**

- For tubes from 6-42 mm Ø
- Max. wall thickness 38 x 6 mm / 42 x 4 mm for ST 37  
38 x 5 mm / 42 x 3 mm for ST 52 and stainless steel
- Bending angle max. 150°
- Radius between 2 x D and 3 x D

### Machine equipment-/basic accessories

- Free bending right and left
- Suitable for imperial OD (imperial size), nominal bore as well as metric tube/pipe  
for example 1" = 33,7 mm is bendable with tool set 35 mm
- Function via remote hand control and progressive operation
- Bending plane horizontal
- Accurate repetition
- Bend angle pre-selection via limit switch and variable trip cam
- Machine complete with metal cabinet
- Swivelling bending head
- Removable bending head
- Possibility to integrate additional functions, for example de-burring,  
pre-assembling and/or flaring unit
- Including portable carriage, with parking brake
- Electro hydraulic power unit
- Standard hydraulic cylinder
- Standard norm electric and hydraulic equipment
- Colour RAL 3020 red

### Machine data:

- Nominal pressure 250 bar, operation pressure 200 bar
- Voltage 400 Volt - 50 Hz - 3 Ph. - 1,5 KW
- Length 850 mm
- Width 500 mm
- Height 1000 mm
- Weight approx. 85 kg

### ▼ Additional functions ▼

### RE 642 A

#### De-burring machine

- For tubes from 6-42 mm Ø

#### Machine equipment-/basic accessories

- For integration in transfluid bending machines
- Inclusive de-burring tools
- Easily mounted
- De-burring heads readily sharpened and adjusted
- Internal de-burring tool with 3 HSS edges
- External de-burring tool with 1 HSS edge

#### Machine data:

- Power via hydraulic motor
- Nominal pressure 200 bar, operating pressure 100 bar
- Weight approx. 10 kg



## HA 642 A

Electro hydraulic combination machine

Capacity:

- For tubes from 6-42 mm Ø
- With adapter for using cutting ring device for multi and single bite rings according DIN 2353 and final assembly of rings with soft sealings (VVS 642 HA)
- With adapter for using flaring device 37° and 10° (VBG 642 HA or VBG 642 HAV)

Machine equipment-/basic accessories

- For integration in transfluid bending machines
- All functions steppable
- Hand button operation
- Pressure adjustment via pressure control valve in accordance with chart
- Power via hydraulic
- Standard hydraulic cylinder
- Colour RAL 3020 red

Machine data:

- Operation pressure 250 bar
- Weight approx. 35 kg

## VVS 642 HA

Carriage for cutting ring pre-assembling

Capacity:

- For tubes from 6-42 mm Ø
- For single and multi bite rings according to DIN 2353
- For rings with soft sealing for tube-drm. 28 mm and bigger single Pressure contact plates are needed

Machine equipment-/basic accessories

- For use with hydraulic power unit HA 642 and HA 642 A

Machine data:

- Weight approx. 5 kg



▼ Bending tools (for tube-Ø 15 - 42 mm ) ▼

BM 315-030

Bending tool 15 mm  
Radius 30 mm (2,0xD)

BM 316-032

Bending tool 16 mm  
Radius 32 mm (2,0xD)

BM 318-045

Bending tool 18 mm + 3/8"  
Radius 45 mm (2,5xD)

BM 320-040

Bending tool 20 mm  
Radius 40 mm (2,0xD)

BM 322-055

Bending tool 22 mm + 1/2"  
Radius 55 mm (2,5xD)

BM 325-0625

Bending tool 25 mm  
Radius 62,5 mm (2,5xD)

BM 328-0756

Bending tool 28 mm + 3/4"  
Radius 75,6 mm (2,7xD)

BM 330-075

Bending tool 30 mm  
Radius 75 mm (2,5xD)

BM 335-105

Bending tool 35 mm + 1"  
Radius 105 mm (3,0xD)

BM 338-095

Bending tool 38 mm  
Radius 95 mm (2,5xD)

BM 342-126

Bending tool 42 mm + 1 1/4"  
Radius 126 mm (3,0xD)



#### MGH 1416

Winghead 14 - 16 mm  
with brass pressure dies

#### MGH 1820

Winghead 18 + 20 mm  
with plastic pressure dies

#### MGH 2225

Winghead 22 + 25 mm  
with plastic pressure dies

#### MGH 2830

Winghead 28 + 30 mm  
with plastic pressure dies

#### MGH 3538

Winghead 35 + 38 mm  
with plastic pressure dies

#### MGH 0042

Winghead 42 mm  
with plastic pressure dies



**Interest?**

**Please contact us**

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Valid from 01/11/2013 until revocation - This machine is available from stock - **subject to prior sale and technical change!** - Delivery including operation manual in german or english. - This offer is involving our General terms and Conditions (AGB), which you can find for download on our homepage [www.transfluid.de](http://www.transfluid.de).



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