

Bending

Manual Hydraulic

ROBULL Type E / ROBULL MSR Type E

For precise, manual hydraulic cold bending up to 90°



Product Profile

APPLICATION AREA

Broadly applicable, universal portable hydraulic bending system for plumbing, sanitary and heating installation on construction sites, for apparatus and boiler construction and for industrial use. Also suitable for aligning tubes.

ROBULL Type E:

For accurate bending up to 90° on pipes made of:

Carbon steel suitable for welding and thread-cutting

Ø 3/8 - 2"

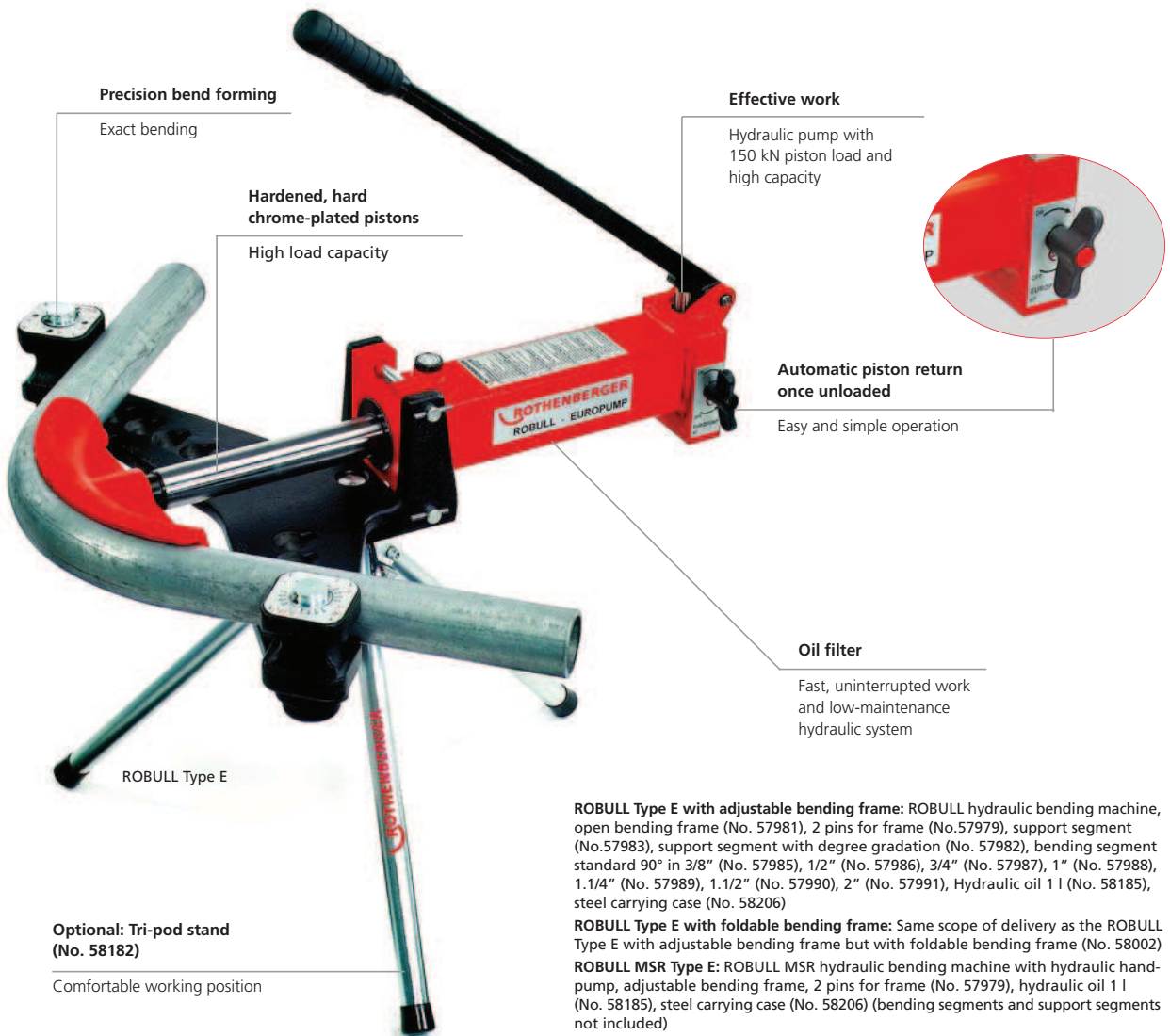
ROBULL MSR Type E:

For accurate bending up to 90° on pipes made of:

Multi-layered composite pipe (MSR) Ø 40 - 50 - 63 mm

KEY FEATURES

- Precise bending with the angle scale on the support brackets (not with ROBULL MSR type E)
- Reduces welded joints
- No pre-warming of pipe is required
- No bending forms needed
- Works quicker with the 150 kN piston strength
- Easy and simple operation
- Closed, low-maintenance hydraulic system with a mono-block design and with quick, automatic piston retraction
- Comfortable working position with the tripod stand (opt.)
- With foldable and adjustable bending frame



ROBULL Type E with adjustable bending frame: ROBULL hydraulic bending machine, open bending frame (No. 57981), 2 pins for frame (No.57979), support segment (No.57983), support segment with degree gradation (No. 57982), bending segment standard 90° in 3/8" (No. 57985), 1/2" (No. 57986), 3/4" (No. 57987), 1" (No. 57988), 1.1/4" (No. 57989), 1.1/2" (No. 57990), 2" (No. 57991), Hydraulic oil 1 l (No. 58185), steel carrying case (No. 58206)

ROBULL Type E with foldable bending frame: Same scope of delivery as the ROBULL Type E with adjustable bending frame but with foldable bending frame (No. 58002)

ROBULL MSR Type E: ROBULL MSR hydraulic bending machine with hydraulic hand-pump, adjustable bending frame, 2 pins for frame (No. 57979), hydraulic oil 1 l (No. 58185), steel carrying case (No. 58206) (bending segments and support segments not included)

Optional: Tri-pod stand (No. 58182)

Comfortable working position

Model	Description	kg		No.
ROBULL Type E	without accessories	16.8	1	057950X
ROBULL Type E	with adjustable bending frame and accessories (see above)	59.8	1	057966X
ROBULL Type E	with foldable bending frame and accessories (see above)	72.6	1	057961X
ROBULL MSR Typ E	without bending segments and support segments (see above)	54.0	1	57900

ROBULL Type E



ROBULL Type E with foldable bending frame

ROBULL Type E Bending Segments

Small bending radius

inch	mm	Wall thickness max. mm	r mm	kg	No.
3/8"	17.20	2.35	45	0.7	57985
1/2"	21.30	2.65	49	0.7	57986
3/4"	26.90	2.65	65	0.8	57987
1"	33.70	3.25	89	1.3	57988
1.1/4"	42.40	3.25	115	1.6	57989
1.1/2"	48.30	3.25	137	2.4	57990
2"	60.30	3.65	200	3.2	57991

ROBULL Type E Bending Segments

Large bending radius

inch	mm	Wall thickness max. mm	r mm	kg	No.
3/8"	17.20	2.35	56	0.8	58010
1/2"	21.30	2.35	85	0.9	58011
3/4"	26.90	2.65	115	1.2	58012
1"	33.70	2.65	145	2.1	58013
1.1/4"	42.40	3.25	180	3.5	58014
1.1/2"	48.30	3.25	214	4.3	58015
2"	60.30	3.65	245	5.6	58016

ROBULL MSR Type E



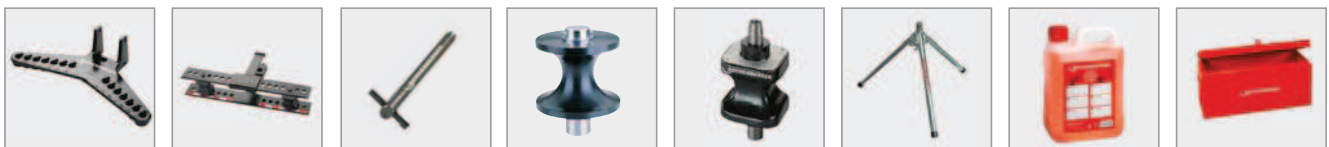
Set 40 - 50 - 63 (No. 58020) includes:
 Bending segment 40 mm (No. 58021),
 Bending segment 50 mm (No. 58022),
 Bending segment 63 mm (No. 58023),
 Support segments 40 mm (No. 57921),
 Support segments 50 mm (No. 57922),
 Support segments 63 mm (No. 57923)

ROBULL MSR Type E Bending Segments

mm	Wall thickness max. mm	r mm	kg	No.
40	2.35	138	1.2	58021
50	2.65	173	1.7	58022
63	2.65	218	2.3	58023
40 - 50 - 63	see above	see above	9.0	58020



ACCESSORIES



Model	kg	No.
ROBULL Type E		
Bending frame, adjustable	15.2	57981
Support segment for adjustable bending frame, with degree gradation (1 piece)	2.6	57982
Support segment for adjustable bending frame, without degree gradation (1 piece)	2.6	57983
Bending frame, foldable	12.5	58002
Support segment for foldable bending frame (1 piece)	2.2	58004
Locking pin	0.3	57979

Model	kg	No.
ROBULL MSR Type E		
Support segments, 40 mm (2 piece)	1.9	57921
Support segments, 50 mm (2 piece)	3.2	57922
Support segments, 63 mm (2 piece)	3.9	57923
ROBULL Type E / ROBULL MSR Type E		
Hydraulic oil, 1 litre	1.0	58185
Steel carrying case	10.0	58206
Tripod stand	3.0	58182

