



E 249

BENDING TOOLS

- Consisting of bending former, pipe holder and aluminium slide rail
- Bending formers, pipe holders and steel bending rails are available on request for shaping stainless steel pipes - chemically nickel plated
- Special sizes available on request



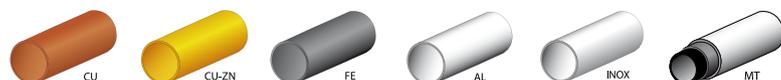
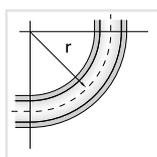
Ø mm	Size	Electrical installation ducts EN 60423	Precision steel pipes EN 10305-3	Cu pipes EN 1057	r = mm	Code	No.
32,0			32		100	4580660	249032
32,0		M32	32	32	150	1546147	249132
35,0			35		100	4580820	249035
35,0			35		150	4580900	249135
38,0			38		150	4581120	249138
40,0			40		150	4581200	249140
40,0		M40	40		200	1546163	249240
42,0			42		150	4581470	249142
42,0			42		200	1561944	249242
50,0		M50	50		200	4581710	249250
54,0			54		200	4582010	249254
17,2	3/8				85	1742655	249503
21,3	1/2				100	1639935	249505
26,9	3/4				100	1422820	249507
33,7	1				150	1276190	249510
42,4	1.1/4				150	1549561	249512
48,3	1.1/2				200	1232401	249515
12,7					100	2125242	249605
15,88					100	2125250	249606
19,05					100	2125269	249607
22,22					150	2125277	249608
25,4					200	2125293	249610
31,75					200	2125315	249612

Ø mm	Size	Electrical installation ducts EN 60423	Precision steel pipes EN 10305-3	Cu pipes EN 1057	r = mm	Code	No.
12,0		M12	12	12	85	1527339	249812
15,0			15	15	85	4640660	249815
16,0		M16	16		85	4654290	249816
18,0			18	18	85	4654370	249818
20,0			20		85	4654530	249820
20,0		M20	20		100	1546090	249020
22,0			22	22	85	4654610	249822
25,0			25		85	4582520	249825
25,0		M25	25	25	100	1546120	249025
28,0			28		85	4582600	249828
28,0			28		100	4580310	249028
28,0			28	28	150	2648733	249128
30,0			30		85	4582790	249830
30,0			30		100	4580580	249030

250

PIPE BENDING MACHINE manual-hydraulic

- Sizes from 20 to 54 mm Ø and 1/2" to 2" up to 180°
- Especially suitable for thornless bending of thin-walled stainless steel pipes EN 10088-3 (DIN 17 440) up from wall thickness 0.8 mm
- Also for copper pipes EN 1057, precision steel pipes EN 10305-3 (DIN 2394) and hydraulic pipes EN 10305-1 (DIN 2391), NF pipes, uncoated pipes as well as electrical installation pipes EN 60423
- Pressure 160 kN
- On pivotable tripod
- Delivery in wooden assembly case



Contents

1 pump manual-hydraulic No. 254300
1 base unit with pivotable tripod No. 250010
without bending tools

155.0

Code
4583760

No.
250000

254

598

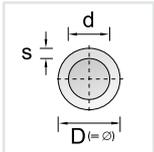
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250

PIPE BENDING MACHINE electro-hydraulic

- Sizes from 20 to 54 mm Ø and 1/2" to 2" up to 180°
- Especially suitable for thornless bending of thin-walled stainless steel pipes EN 10088-3 (DIN 17 440) over 0.8 mm wall thickness
- Also for copper pipes EN 1057, precision steel pipes EN 10305-3 (DIN 2394) and hydraulic pipes EN 10305-1 (DIN 2391), NF pipes, uncoated pipes as well as electrical installation pipes EN 60423
- Electrical limiter for continuous pre-setting and repetition in the production of pipe bends
- Pressure 160 kN
- On pivotable tripod
- Delivery in wooden assembly case



Contents	 kg	Code	No.
1 pump electro-hydraulic 380-415 V No. 254701 1 base unit with pivotable tripod No. 250010 without bending tools	175.0	4583840	250001
1 pump electro-hydraulic 230 V No. 254751 1 base unit with pivotable tripod No. 250010 without bending tools	175.0	1380133	250002

E 250

PARTS

- * Pumps exchangeable for benders no. 259 and 260

Description	 kg	Code	No.
Base unit with stand for 250	111.4	2721228	250210
Pump 3" manual-hydraulic	29.3	4585030	254300
Pump 3" 380-415 V with electrical limiter	48.8	1600001	254701
Pump 3" 230 V with electrical limiter	48.8	1600028	254751





PIPE BENDING MACHINES – PUSHING BENDING OPERATION

E250

BENDING SETS

- Consisting of bending former with aluminium slide rail and pipe holder
- Bending formers, pipe holders and steel bending rails are available on request for shaping stainless steel pipes - chemically nickel plated
- Special sizes available on request



∅ mm	Size	Electrical installation ducts EN 60423	Precision steel pipes EN 10305-3	Cu pipes EN 1057	r = mm	Weight	Code	No.
40,0		M40	40		200	12.920	1546163	249240
40,0		M40	40		200	15.000	4655770	250340
42,0			42		150	7.660	4581470	249142
42,0			42		200	13.400	1561944	249242
50,0		M50	50		200	13.120	4581710	249250
52,0			52		350	41.000	4640900	250352
54,0			54		250	21.000	2001152	250354
21,3	1/2				100	4.000	1639935	249505
21,3	1/2		1/2		100	7.500	4640820	250305
26,9	3/4				100	6.500	1422820	249507
26,9	3/4		3/4		100	7.500	4655180	250307
33,7	1				150	7.500	1276190	249510
33,7	1		1		150	13.000	4655260	250310
42,4	1.1/4				150	7.500	1549561	249512
42,4	1.1/4		1.1/4		200	15.000	4655340	250312
48,3	1.1/2				200	14.500	1232401	249515
48,3	1.1/2		1.1/2		250	21.000	4655420	250315
60,3	2				250	21.000	1148001	250520
60,3	2		2		400	55.000	4655500	250320
12,7					100	3.900	2125242	249605
15,88					100	3.900	2125250	249606
19,05					100	3.900	2125269	249607
22,22					150	7.500	2125277	249608
25,4					200	12.900	2125293	249610
31,75					200	12.900	2125315	249612
38,1					250	21.000	2125161	250615
44,44					300	31.000	2125188	250617
50,8					300	31.000	2125226	250620

∅ mm	Size	Electrical installation ducts EN 60423	Precision steel pipes EN 10305-3	Cu pipes EN 1057	r = mm	Weight	Code	No.
20,0		M20	20		100	3.920	1546090	249020
25,0		M25	25	25	100	3.940	1546120	249025
25,0		M25	25	25	100	7.500	4655690	250325
28,0			28		100	3.520	4580310	249028
28,0			28	28	150	6.000	2648733	249128
28,0			28		100	7.500	1380141	250328
30,0			30		100	3.740	4580580	249030
30,0			30	30	150	13.000	1679155	250330
32,0			32		100	6.500	4580660	249032
32,0		M32	32	32	150	7.500	1546147	249132
35,0			35		100	6.000	4580820	249035
35,0			35		150	7.280	4580900	249135
38,0			38		150	7.080	4581120	249138
40,0			40		150	7.700	4581200	249140

MAX. BENDING CAPACITIES PIPE BENDING MACHINES 256-261

Bender no.	Gas and water pipes EN 10255 (DIN 2440/2441)	Distilling pipes EN 10220 (DIN 2448)	Electrical installation pipes EN 60423	Railing tubes *)	Metric tubes *)	Multi-layer composite pipes
	up to 90°	up to 90°	up to 90°	up to 90°	up to 90°	up to 90°
	Size	Size	∅ mm	Size	∅ mm	∅ mm
255 - 256	3/8 - 1.1/4"	3/8 - 1"	25 - 32	3/8 - 3/4"	20 - 32	-
257 - 258	3/8 - 2"	3/8 - 1.1/2"	25 - 44,5	3/8 - 1.1/4"	20 - 44,5	40 - 63 (No. 258)
259 - 260	3/8 - 3"	3/8 - 2.1/2"	25 - 44,5	3/8 - 2"	20 - 44,5	-
261	1 - 4"	1 - 2.1/2"	30 - 44,5	3/4 - 2"	25 - 44,5	-

*) Specifications under reserve - as these are dependent on the respective wall thickness