

Pipe bending machines - Pushing bending operation

MAX. BENDING CAPACITIES PIPE BENDING MACHINES 256-261

Pipe bending machine No.	Gas and water pipes EN 10255 (DIN 2440/2441)	Distilling pipes EN 10220 (DIN 2448)		Metric tubes *)
	up to 90° Size	up to 90° Size	∅ mm	up to 90° ∅ mm
256	3/8 - 1.1/4"	1/2 - 1"	20 - 32	20 - 32
257 - 258	3/8 - 2"	1/2 - 1.1/2"	20 - 44,5	20 - 44,5
259 - 260	3/8 - 3"	1/2 - 2.1/2"	20 - 44,5	20 - 44,5
261	1 - 4"	1 - 2.1/2"	25 - 44,5	25 - 44,5

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

256
PIPE BENDING MACHINE 3/8" - 1.1/4"



- > For gas and water pipes EN 10255 (DIN 2440/2441) up to max. 90°
- > With open bending frame
- > Pressure 60 kN
- > Delivery in assembly case

Available in various designs:

- > - manually or electro-hydraulically operated
- > - as the basic tool without bending former or as a set with bending former no. 263103-112

Optional bending tools under no. 263 - 264 available for:

- > - Distilling pipes EN 10220 (DIN 2448) from 1/2 to 1" or 20 to 32 mm
- > - Metric pipes from 20 to 32 mm

Bending tools for further pipe types and sizes and for stainless steel pipes on request



included in delivery	Ill.	kg	Code	No.
manual-hydraulic, open bending frame, without bending formers	C	47.0	4586860	256000
manual-hydraulic, open bending frame, with 5 bending formers no. 263103-112	C	56.0	4586940	256100
electro-hydraulic 380-415 V 50/60 Hz, open bending frame, without bending formers	D	73.0	4587080	256500
electro-hydraulic 380-415 V 50/60 Hz, open bending frame, with 5 bending formers no. 263103-112	D	82.0	4587160	256510
electro-hydraulic 230 V 50/60 Hz, open bending frame, without bending formers	D	73.0	4587240	256600
electro-hydraulic 230 V 50/60 Hz, open bending frame, with 5 bending formers no. 263103-112	D	82.0	4587320	256610

257 - 258

PIPE BENDING MACHINE 3/8" - 2"

INOX FE

- > For gas and water pipes EN 10255 (DIN 2440/2441) up to max. 90°
- > Pressure 100 kN
- > Delivery in assembly case

Available in various designs:

- > - manually or electro-hydraulically operated
- > - with open or fold-open bending frame
- > - as the basic tool without bending former or as a set with bending former no. 263103-120

Optional bending tools under no. 263 - 264 available for:

- > - Distilling pipes EN 10220 (DIN 2448) from 1/2 to 1.1/2" or 20 to 44.5 mm
- > - Metric pipes from 20 to 44.5 mm

Bending tools for further pipe types and sizes and for stainless steel pipes on request

MODEL 257:

FOLD-OPEN BENDING FRAME FOR MOBILE USE

MODEL 258:

OPEN BENDING FRAME FOR QUICK AND EFFICIENT WORKING



included in delivery	III.	kg	Code	No.
manual-hydraulic, fold-open bending frame, without bending formers	A	54.0	4587400	257000
manual-hydraulic, fold-open bending frame, with 7 bending formers no. 263103-120	A	75.0	4587590	257100
electro-hydraulic 380-415 V 50/60 Hz, fold-open bending frame, without bending formers	B	78.0	4587670	257500
electro-hydraulic 380-415 V 50/60 Hz, fold-open bending frame, with 7 bending formers no. 263103-120	B	99.0	4587750	257510
electro-hydraulic 230 V 50/60 Hz, fold-open bending frame, without bending formers	B	78.0	4587830	257600
electro-hydraulic 230 V 50/60 Hz, fold-open bending frame, with 7 bending formers no. 263103-120	B	99.0	4587910	257610
manual-hydraulic, open bending frame, without bending formers	C	73.0	4588050	258000
manual-hydraulic, open bending frame, with 7 bending formers no. 263103-120	C	95.0	4588130	258100
electro-hydraulic 380-415 V 50/60 Hz, open bending frame, without bending formers	D	98.0	4588210	258500
electro-hydraulic 380-415 V 50/60 Hz, open bending frame, with 7 bending formers no. 263103-120	D	119.0	4588480	258510
electro-hydraulic 230 V 50/60 Hz, open bending frame, without bending formers	D	98.0	4588560	258600
electro-hydraulic 230 V 50/60 Hz, open bending frame, with 7 bending formers no. 263103-120	D	119.0	4588640	258610



259 - 260

PIPE BENDING MACHINE 3/8" - 3"



- > For gas and water pipes EN 10255 (DIN 2440/2441) up to max. 90°
- > Pressure 160 kN
- > Delivery in assembly case

Available in various designs:

- > - manually or electro-hydraulically operated
- > - with open or fold-open bending frame
- > - as the basic tool without bending former or as a set with bending former no. 263103-130

Optional bending tools under no. 263 - 264 available for:

- > - Distilling pipes EN 10220 (DIN 2448) from 1/2 to 2.1/2" or 20 to 44.5 mm
- > - Metric pipes from 20 to 44.5 mm

Bending tools for further pipe types and sizes and for stainless steel pipes on request

MODEL 259:

FOLD-OPEN BENDING FRAME FOR MOBILE USE

MODEL 260:

OPEN BENDING FRAME FOR STATIONARY USE AND QUICK AND EFFICIENT WORKING



included in delivery	III.	kg	Code	No.
manual-hydraulic, fold-open bending frame, without bending formers	A	98.0	4588720	259000
manual-hydraulic, fold-open bending frame, with 9 bending formers no. 263103-130	A	173.0	4588800	259100
electro-hydraulic 380-415 V 50/60 Hz, fold-open bending frame, without bending formers	B	123.0	4588990	259500
electro-hydraulic 380-415 V 50/60 Hz, fold-open bending frame, with 9 bending formers no. 263103-130	B	198.0	4589020	259510
electro-hydraulic 230 V 50/60 Hz, fold-open bending frame, without bending formers	B	123.0	4589100	259600
electro-hydraulic 230 V 50/60 Hz, fold-open bending frame, with 9 bending formers no. 263103-130	B	198.0	4589290	259610
manual-hydraulic, open bending frame, without bending formers	C	120.0	4589370	260000
manual-hydraulic, open bending frame, with 9 bending formers no. 263103-130	C	207.0	4589450	260100
electro-hydraulic 380-415 V 50/60 Hz, open bending frame, without bending formers	D	155.0	4589530	260500
electro-hydraulic 380-415 V 50/60 Hz, open bending frame, with 9 bending formers no. 263103-130	D	242.0	4589610	260510
electro-hydraulic 230 V 50/60 Hz, open bending frame, without bending formers	D	155.0	4589880	260600
electro-hydraulic 230 V 50/60 Hz, open bending frame, with 9 bending formers no. 263103-130	D	242.0	4589960	260610

261 PIPE BENDING MACHINE 1" - 4"



- > For gas and water pipes EN 10255 (DIN 2440/2441) up to max. 90°
- > With fold-open bending frame
- > Pressure 200 kN
- > Delivery in wooden assembly case

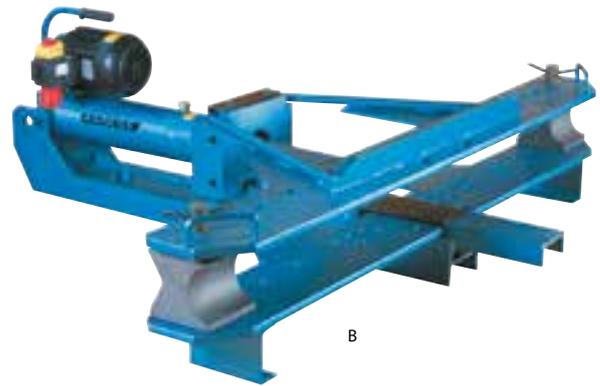
Available in various designs:

- > - manually or electro-hydraulically operated
- > - as the basic tool without bending former or as a set with bending former no. 263113-130, 263040

Optional bending tools under no. 263 - 264 available for:

- > - Distilling pipes EN 10220 (DIN 2448) from 1" to 2.1/2" or 25 to 44.5 mm
- > - Metric pipes from 25 to 44.5 mm

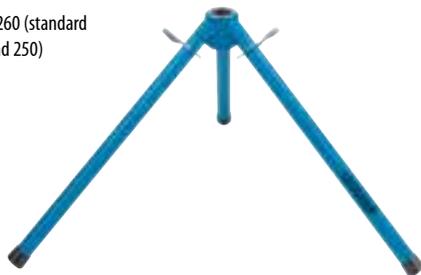
Bending tools for further pipe types and sizes and for stainless steel pipes on request



included in delivery	Ill.		Code	No.
manual-hydraulic, fold-open bending frame, without bending formers	A	311.0	4590030	261000
manual-hydraulic, fold-open bending frame, with bending formers no. 263110-130, 263040	A	480.0	4644060	261100
electro-hydraulic 380-415 V 50/60 Hz, fold-open bending frame, without bending formers	B	330.0	4590110	261500
electro-hydraulic 380-415 V 50/60 Hz, fold-open bending frame, with bending formers no. 263110-130, 263040	B	499.0	4644140	261510

268 INSTALLATION TRIPOD, PIVOTABLE

- > Available in 2 sizes
- > For GEDORE pipe bender no. 256-260 (standard equipment for benders no. 249 and 250)
- > Enamelled blue



Height	Use		Code	No.
480	for manual-hydraulic benders no. 256, 257, 258	6.2	4599760	268000
680	for manual-hydraulic benders no. 259, 260 and all electric-hydraulic benders	17.4	4599840	268001

254 EXTENSION CABLE

- > For electro-hydraulic pumps 1.1/4", 2", 3" and 4"
- > Heavy rubber hose
- > Can be used in dry and damp rooms
- > For high mechanical loads, including construction sites



Description	Connection voltage V		Code	No.
CEE extension cable 10 m	380-415	3.1	4694160	254983
Safety extension cable 10 m	230	1.6	4694320	254985

269 HYDRAULIC OIL

1 litre



- > For re-filling all GEDORE hydraulic pumps
- > For filling the volume stated in the table is required

Litre	for pumps	use in machine no.	required volume litre		Code	No.
1	2541, 2545	256	0,90	0.880	4599920	269000
	2542, 2546	249, 257, 258	1,25			
	2543, 2547	250, 259, 260	1,90			
	2544, 2548	261	3,50			

2631 GREY CAST IRON BENDING FORMER UP TO 90°



- > For gas and water pipes EN 10255-M (DIN 2440)
- > Enamelled black

Use in machine No.	Size	Ø mm	r = mm	Bore mm		Code	No.
256-260	3/8	17,2	45	35,5	0.9	4539000	263103
256-260	1/2	21,3	50	35,5	1.3	4539190	263105
256-260	3/4	26,9	75	35,5	2.2	4539270	263107
256-261	1	33,7	100	35,5	2.3	4590460	263110
256-261	1.1/4	42,4	115	35,5	2.4	4590540	263112
257-261	1.1/2	48,3	150	35,5	5.3	4539350	263115
257-261	2	60,3	200	35,5	6.7	4539430	263120
259-261	2.1/2	76,1	320	35,5	21.2	4590620	263125
259-261	3	88,9	380	35,5	30.4	4590700	263130



2630 STEEL BENDING FORMER UP TO 90°

- > For gas and water pipes EN 10255 (DIN 2440/2441)
- > For surface-protective bending
- > Phosphated



Use in machine No.	Size	Ø mm	r = mm	Bore mm	⚖	Code	No.
256-260	1/2	21,3	50	35,5	1.3	4655850	263005
256-260	3/4	26,9	75	35,5	2.2	4655930	263007
256-261	1	33,7	100	35,5	2.3	4656070	263010
256-261	1.1/4	42,4	126	35,5	5.8	4656150	263012
257-261	1.1/2	48,3	145	35,5	5.3	4656230	263015
257-261	2	60,3	200	35,5	11.2	4656310	263020
259-261	2.1/2	76,1	320	35,5	21.2	4656580	263025
259-261	3	88,9	380	35,5	44.5	4656660	263030
261	4	114,3	600	35,5	98.0	4644300	263040

2640 STEEL BENDING FORMER UP TO 90°

INOX FE

- > For standard-walled distilling pipes EN 10220 (DIN 2448) and metric pipes
- > Phosphated



Bending tools for further pipe types and sizes and for stainless steel pipes on request

Use in machine No.	Size	Ø mm	r = mm	Bore mm	⚖	Code	No.
256-260		20,0	90	35,5	3.4	4593130	264020
256-260	1/2	21,3	75	35,5	2.5	4595340	264005
256-260		22,0	90	35,5	3.2	4593210	264022
256-261		25,0	115	35,5	3.6	4595770	264025
256-260	3/4	26,9	90	35,5	3.5	4595420	264007
256-261		28,0	130	35,5	5.4	2910438	264028
256-261		30,0	140	35,5	6.7	4595850	264030
256-261		32,0	140	35,5	6.6	4595930	264032
256-261	1	33,7	130	35,5	5.4	4595500	264010
257-261		38,0	170	35,5	8.2	4596070	264038
257-261		42,0	190	35,5	10.7	2910446	264042
257-261	1.1/4	42,4	180	35,5	10.2	4595690	264012
257-261		44,5	190	35,5	10.7	4596150	264044
257-261	1.1/2	48,3	220	35,5	11.8	4596230	264048
259-261	2	60,3	270	35,5	21.3	4596660	264060
259-261	2.1/2	76,1	420	35,5	49.3	4596900	264076

Eccentric angle benders

MAX. BENDING CAPACITIES ANGLE BENDERS NO. 280

	70 mm working height		100 mm working height		120 mm working height	
	cold mm	hot mm	cold mm	hot mm	cold mm	hot mm
Flat steel EN 10058 (DIN 1017) (material strength 370 N/mm ²)	70 x 6 (70 x 10)* (50 x 15)* (30 x 20)*	70 x 10 (70 x 20)* (50 x 25)*	100 x 10 80 x 12 50 x 15 30 x 20	100 x 20 80 x 25	120 x 8 100 x 10 80 x 12 50 x 15 30 x 20	120 x 20 80 x 25
Square steel stock EN 10059 (DIN 1014) (material strength 370 N/mm ²)	6 (22)*	10 (30)*	22	30	22	30
Round steel stock EN 10060 (DIN 1013) (material strength 370 N/mm ²)	6 (25)*	10 (30)*	25	30	25	30
Angled steel stock EN 10056-1 (DIN 1028) (material strength 370 N/mm ²)	70 x 6	70 x 9	100 x 10	100 x 12	120 x 10	120 x 15
CU-flat bars EN 13601 (material strength 250 N/mm ²)	60 x 6 (60 x 30)*		100 x 30		120 x 10 100 x 30	
AL-flat bars EN 754-5 (DIN 1769) (material strength 160 N/mm ²)	70 x 10 (70 x 30)*		100 x 30		120 x 15 100 x 30	

* optional bending tool no. 280072 is necessary