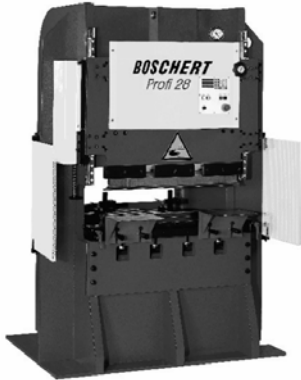


Profi 28



Profi 28/1000

The Boschert Profi 28 manual and Profi 28 CNC are press brakes with hydraulic drive. With the press force of 280 kN (28 t) and for example a bending length of 300 mm you will be able to bend material up to 10 mm thickness.

The standard tool holder system is type Amada. Other systems are available on request.

The side and height adjustable depth stops have stop fingers with 2 faces each.

The extremely compact and robust structure of these machines and the twin guide at each side guarantees a repeatable accuracy of 0,02 mm.

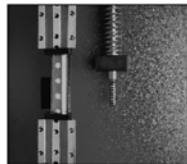
Take your small parts to the suitable machine and increase consequently your productivity. Boschert offers you with these machines a perfect complement to your existing equipment.



Profi 28/1400

The Profi 28 is easy to operate and bend angle by pressure and handwheel.

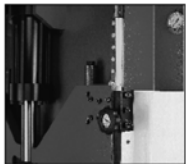
The depth stops are programmable with a control for up to 99 programmes / 30 lines each.



twin guides system on both sides



stroke length adjustable under pressure



one or two 28 tons pressure cylinder



Control with up to 99 programmable programmes

Profi 28 CNC



Profi 28/1000 CNC

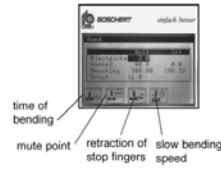
Profi 56 CNC



Profi 56/1000 CNC

Profi CNC

With this construction both the depth stops and the bend angle are programmable. Also here Boschert puts great emphasis on user friendliness. For example, in manual operation it is possible to bend a sheet by entering only four lines.



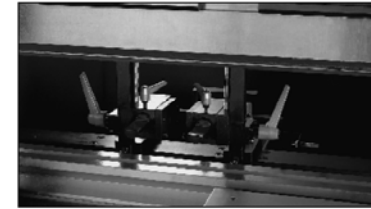
Through a teach-in function material specifications can be stored. When these specifications have been stored, the otherwise necessary test bends become obsolete. By pressing one button it is possible to activate more functions.



Profi 56/2200 CNC

Equipment

- side and height adjustable depth stops



Options

- 2 Frontstops on linearguide



- Quick clamping system ROL 1



- Swivelling arm for control
- Lighting for stops
- Working height 950 mm

The hydraulic Press Brake in reliable **BOSCHERT** quality.

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Bending Chart

S mm.	0,6		0,8		1,0	
V mm.	6	8	6	8	6	8
R 200N/mm ²	20	10	30	20	60	40
R 450N/mm ²	40	30	70	50	130	80
R 700N/mm ²	60	40	110	80	190	130
R ₀ mm.	1,0	1,3	1,0	1,3	1,0	1,3
90°-R mm.	4,5	6,0	4,6	6,1	4,7	6,2
60°-R mm.	6,3	8,3	6,4	8,4	6,5	8,5
35°-R mm.	10,3	13,6	10,4	13,7	10,5	13,8

S mm.	1,2		1,5		2,0	
V mm.	8	10	10	12	12	16
R 200N/mm ²	60	40	70	60	110	80
R 450N/mm ²	130	100	160	130	250	170
R 700N/mm ²	200	150	250	200	390	260
R ₀ mm.	1,3	1,7	1,7	2,0	2,0	2,7
90°-R mm.	6,3	7,7	7,8	9,2	9,5	12,3
60°-R mm.	8,6	10,6	10,8	12,8	13,0	17,0
35°-R mm.	13,9	17,2	17,4	20,7	21,0	27,6

S mm.	2,5		3		4	
V mm.	16	20	20	25	32	40
R 200N/mm ²	130	90	140	110	150	110
R 450N/mm ²	290	210	320	240	340	250
R 700N/mm ²	440	330	500	370	530	390
R ₀ mm.	2,7	3,3	3,3	4,2	5,3	6,7
90°-R mm.	12,6	15,4	15,6	19,2	24,6	30,3
60°-R mm.	17,3	21,3	21,5	26,5	34,0	42,0
35°-R mm.	27,9	34,5	34,8	43,1	55,2	68,5

S mm.	5		6		8	
V mm.	40	50	50	63	63	80
R 200N/mm ²	190	140	210	160	310	220
R 450N/mm ²	420	320	480	360	690	500
R 700N/mm ²	660	490	750	550	1070	780
R ₀ mm.	6,7	8,3	8,3	10,5	10,5	13,3
90°-R mm.	30,8	37,9	38,4	47,5	48,5	60,6
60°-R mm.	42,5	52,5	53	66,0	67,0	84,0
35°-R mm.	69,0	85,6	86,1	107,8	108,8	137,0

S mm.	10		12	
V mm.	80	100	100	125
R 200N/mm ²	380	280	430	320
R 450N/mm ²	840	630	960	720
R 700N/mm ²	1310	980	1490	1120
R ₀ mm.	13,3	16,7	16,7	20,8
90°-R mm.	61,6	75,7	76,7	94,4
60°-R mm.	85,0	105,0	106,0	131,0
35°-R mm.	138,0	171,3	172,3	213,8



F = KN for meter S = Sheet thickness R = Sheet resistance - Material Hardness

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Technical Data

	Profi 28/1000	Profi 28/1000 CNC	Profi 28/1400
Capacities			
Tonnage kN	280	280	280
Bending length mm	1000	1000	1400
Dimensions			
Weight kg	3000	3000	3100
Width mm	1400	1400	1600
Depth mm	1100	1100	1100
Height from floor mm	2020	2020	2020
Width between columns mm	890	890	1260
Throat mm	200	200	200
Width of worktable mm	2 x 270	2 x 270	2 x 270
Operating height mm	850	850	850
Max. open height mm	325	325	325
Y-Travel mm	200	200	200
Max. stop range in X mm	370 (500)	370 (500)	370 (500)
Normal speed mm/s	8-10	8-10	8-10
Return speed mm/s	30	30	30
Repeatability mm	+/-0,02	+/-0,02	+/-0,02
Connected load kVA	5,5	5,5	5,5
Control	Hejm	Labod	Hejm

	Profi 28/1400 CNC	Profi 56/1000 CNC	Profi 56/2200 CNC
Capacities			
Tonnage kN	280	560	560
Bending length mm	1400	1000	2200
Dimensions			
Weight kg	3100	3100	4000
Width mm	1600	1400	2400
Depth mm	1100	1100	1200
Height from floor mm	2020	2020	2020
Width between columns mm	1260	890	2100
Throat mm	200	200	200
Width of worktable mm	2 x 270	2 x 270	2 x 270
Operating height mm	850	850	850
Max. open height mm	325	325	325
Y-Travel mm	200	200	200
Max. stop range in X mm	370 (500)	370 (500)	500
Normal speed mm/s	8-10	8-10	8-10
Return speed mm/s	30	30	30
Repeatability mm	+/-0,02	+/-0,02	+/-0,02
Connected load kVA	5,5	10	12
Control	Labod	Labod	Labod

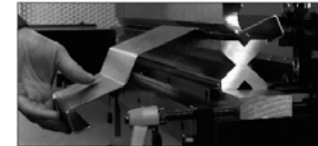
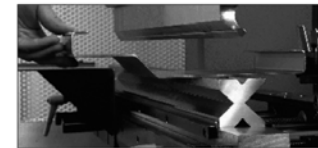
Option ()



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PROFI 28 PROFI 28 CNC PROFI 56 CNC

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