

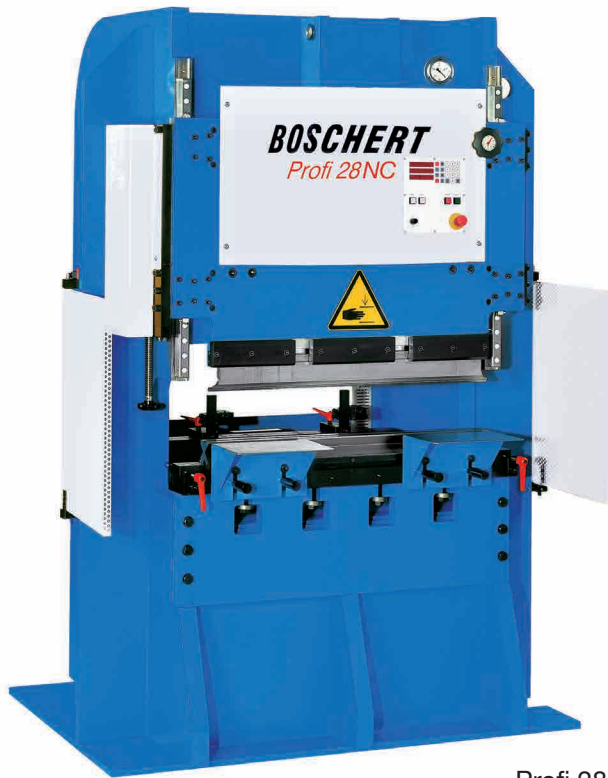


PROFI 28 NC
PROFI 28 CNC
PROFI 56 CNC
QUICK BEND CNC



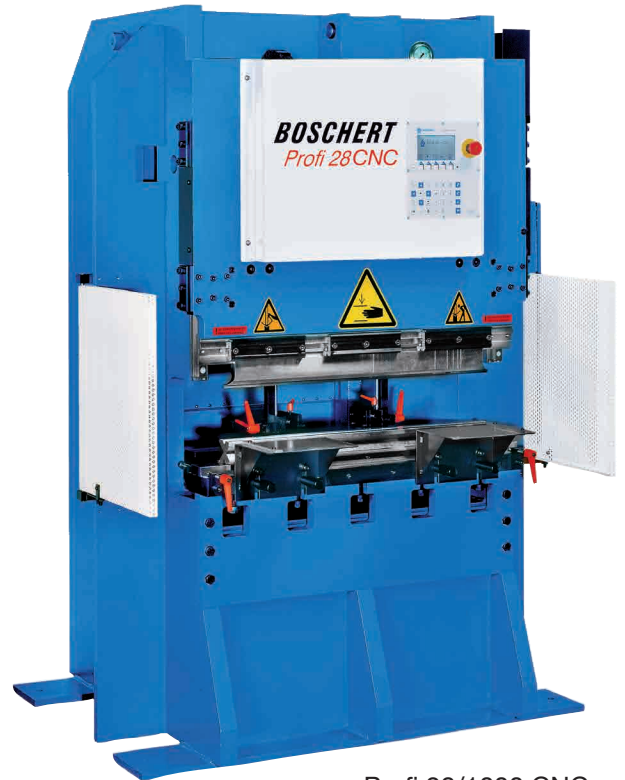
simply better!

Profi 28 NC



Profi 28/1000 NC

Profi 28 CNC



Profi 28/1000 CNC

The Boschert Profi 28 manual and Profi 28 CNC are precision hydraulic press brakes.

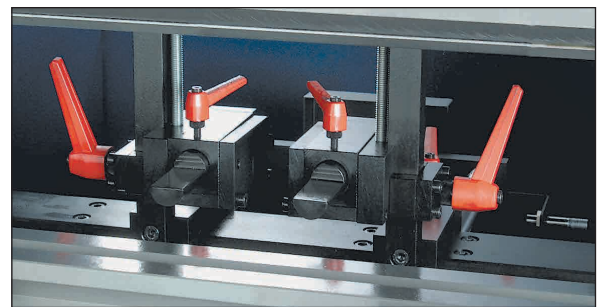
The extremely compact and robust structure of these machines and the twin guides guarantee ram repeatability of 0.02mm.

The Profi are designed to manufacture small parts and perfectly compliment your existing larger machines. By forming small parts on the Profi and larger parts your existing machines, plant productivity is greatly improved.

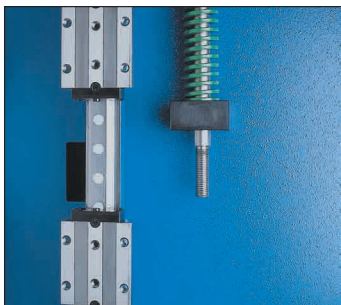
Standard tooling is Amada style, with other systems available on request.

Material stops are adjustable vertically and horizontally and have stop fingers with two faces each.

With a maximum bending force of 28 tons, typical work could include parts up to 300mm long and 10mm thick.



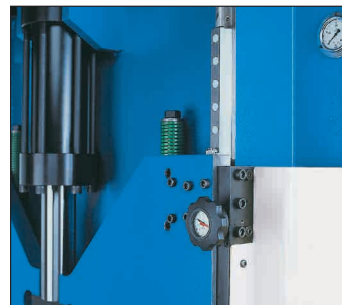
Side and height adjustable depth stops



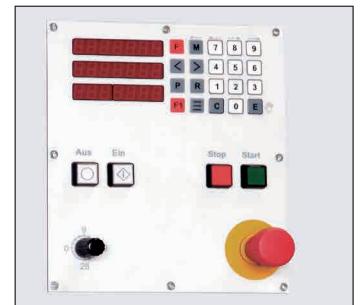
Twin guides system on both sides



Stroke length adjustable under pressure



One or two 28 tons pressure cylinder



Control with up to 99 programmable programmes

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

Profi 56 CNC

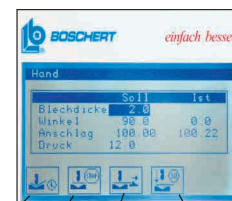


Profi 56/1400 CNC



Profi 56/2200 CNC

With the CNC version, both the back gauge and bend angle are programmable. Boschert has built in even more user friendly features in this machine. It is possible to program a part in only four lines.



time of bending
mute point
retraction of stop fingers
slow bending speed

With Boschert's unique teach-in feature, material specifications can be entered making test bends unnecessary. By pressing a single button, more functions are activated.



Quick Bend 28 CNC
Hybrid Technologie

Quick Bend 28 CNC

Productivity and ergonomics are combined in perfect harmony. The nearly silent press brake Quick Bend, with up to 250mm/s approach speed and 200mm/s return speed is setting new standards in production.

Thanks to the hybrid technology, up to 80% energy savings compared with conventional hydraulic systems can be achieved. The Quick Bend corresponds to all CE - Safety requirements with the CYBELEC DNC 880 S graphic controller, Rexroth hydraulics and the Fissler AKAS III. Other standard equipment includes the R-axis, linear guide for the X axis and the quick-change tool system ROL 1

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

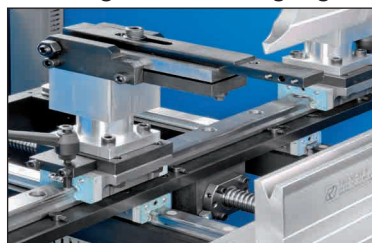
Options

• Cybele control

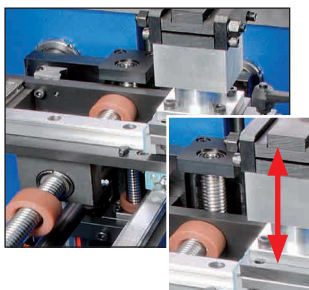


- Cybele DNC 880S for Press Brakes
- Windows XP
- 10"-TFT- colour screen
- graphic 2D-Software
- graphically display for bending parts and tools
- indication for possible collisions

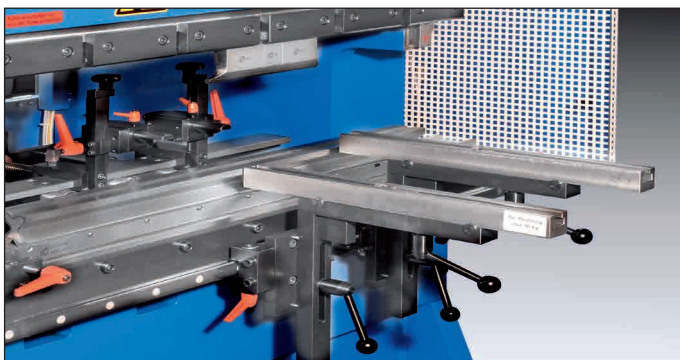
• Linear guide for bachgauge



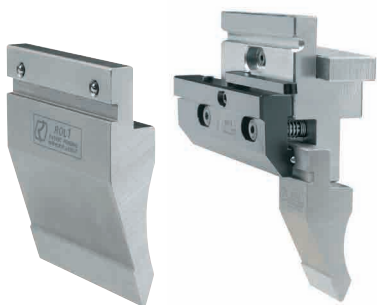
• R-axis



• 2 Frontstops on linear guide



• Quick clamping system ROL 1



• Bending line laser light

Bending Chart

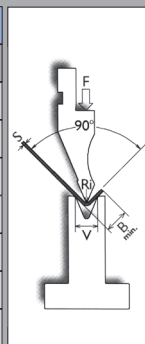
S mm.	0,6		0,8		1,0		
V mm.	6	8	6	8	6	8	
F kN/mt	R.200N/mm ²	20	10	30	20	60	40
	R.450N/mm ²	40	30	70	50	130	80
	R.700N/mm ²	60	40	110	80	190	130
Ri mm.	1,0	1,3	1,0	1,3	1,0	1,3	
90°=B mm.	4,5	6,0	4,6	6,1	4,7	6,2	
60°=B mm.	6,3	8,3	6,4	8,4	6,5	8,5	
35°=B mm.	10,3	13,6	10,4	13,7	10,5	13,8	

S mm.	1,2		1,5		2,0		
V mm.	8	10	10	12	12	16	
F kN/mt	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
Ri mm.	1,3	1,7	1,7	2,0	2,0	2,7	
90°=B mm.	6,3	7,7	7,8	9,2	9,5	12,3	
60°=B mm.	8,6	10,6	10,8	12,8	13,0	17,0	
35°=B 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	
F kN/mt	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
Ri mm.	2,7	3,3	3,3	4,2	5,3	6,7	
90°=B mm.	12,6	15,4	15,6	19,2	24,6	30,3	
60°=B mm.	17,3	21,3	21,5	26,5	34,0	42,0	
35°=B 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	
F kN/mt	R.200N/mm²	190	140	210	160	310	220
	R.450N/mm²	420	320	480	360	690	500
	R.700N/mm²	660	490	750	550	1070	780
Ri mm.	6,7	8,3	8,3	10,5	10,5	13,3	
90°=B mm.	30,8	37,9	38,4	47,5	48,5	60,6	
60°=B mm.	42,5	52,5	53	66,0	67,0	84,0	
35°=B mm.	69,0	85,6	86,1	107,8	108,8	137,0	

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



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

Technical Data

	Profi 28/1000 NC	Profi 28/1000 CNC	Quick Bend
Capacities			
Bending force	280	280	280
Bending length mm	1000	1000	1000
Dimensions			
Weight kg	3500	3500	3500
Width mm	1500	1500	1600
Depth mm	1310	1310	1500
Height from floor mm	2200	2200	2450
Distance between the frames mm	890	890	890
Throat depth mm	200	200	200
Width of worktable mm	2 x 270	2 x 270	1 x 800x450
Operating height mm without die	915	915	985
Daylight	305 (405*)	305 (405*)	305 (405*)
Y-Travel mm	200	200	200
Max. stop range in X mm	370 (500)	370 (500)	380
Downspeed mm/s	10	10	250
Working speed mm/s	8-10	8-10	8-10
Upstroke speed mm/s	30	30	200
Repeatability mm	+/-0,02	+/-0,02	+/-0,02
Power supply kVA	5,5	5,5	5,5
Control	Hejm	Labod / Cybelec*	Cybelec
*Option ()			

	Profi 56/1000 CNC	Profi 56/1400 CNC	Profi 56/2200 CNC
Capacities			
Bending force	560	560	560
Bending length mm	1000	1400	2200
Dimensions			
Weight kg	3800	4800	5500
Width mm	1500	1600	2700
Depth mm	1310	2010/2310 with Control	1670
Height from floor mm	2200	2200	2200
Distance between the frames mm	890	1260	2100
Throat depth mm	200	200	200
Width of worktable mm	2 x 270	2 x 270	2 x 270
Operating height mm without die	915	915	915
Daylight	305 (405*)	305 (405*)	305 (405*)
Y-Travel mm	200	200	200
Max. stop range in X mm	370 (500)	370 (500)	500
Downspeed mm/s	10	10	10
Working speed mm/s	8-10	8-10	8-10
Upstroke speed mm/s	30	30	30
Repeatability mm	+/-0,02	+/-0,02	+/-0,02
Power supply kVA	10	10	12
Control	Labod / Cybelec*	Labod / Cybelec*	Labod / Cybelec*
*Option ()			



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