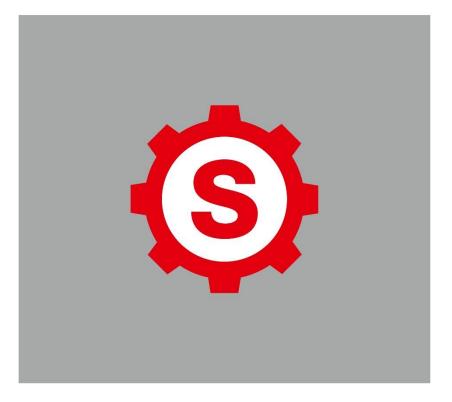
Your partner for presentation of the needs

Innovative Technologies | www.ermaksan.com.tr | Press Brake Series



SPEED-BEND

Synchronized Hydraulic Press Brake



















Your partner for presentation of the needs



- Windows XP operating system.
- Large-key keyboard (mechanical movement) and integrated track sensor.
- 6 topic sensitive function keys.
- TFT 12" high-resolution colour display.
- 1GB memory.
- Integrated 3,5" floppy-disk (optional CD-ROM, LS 120, or others).
- Printer output and 2 x RS232 ports.
- Error messages.
- Standard PC 1200 computer simulation
- Ethernet RJ45 and 2 x USB ports.
- VGA display output.

- Change Inch/mm, TON/TONS, etc..
- Speed, stop time and top plate measurement
- CE safety loop management.
- Security and interactive broadcasting of usual
- Up to 16 axes can be configured.
- Laser angle measurement.
- Motorized front support system.
- Tandem working.
- Dynamic crowning.
- Integrated Mouse.

- 2D graphical touch screen programming mode.
- 3D visualisation in simulation and production.
- 17" high resolution colour TFT.
- Windows applications compatible.
- Delem Modusys compatibility. (module scalability and adaptivity)
- USB, peripheral interfacing.
- Open system architecture.
- User specific application support within the controllers multitasking environment.
- Sensor bending & correction interface. Standard:
- Colour LCD display.
- 17"TFT, high brightness.
- 1280 x 1024 pixels, 32 bit colour,

- Full touch screen control. (IR-touch)
- Storage capacity 256 MB
- 3D graphics acceleration.
- Standard Windows * networking.
- Emergency switch.
- Integrated OEM-panel.
- USB flash memory drive.

Programming:

- Alphanumeric product naming.
- Real-scale product programming and
- Automatic bend sequence calculation.
- Easy graphical bend sequence swap and move.
- Hemmed product programming.
- One page programming table.



Your partner for presentation of the needs

Safety Systems

Top Tool Clamping Systems



Fiessler Akas LCIIM Protection System (S)



Laser Safe (O) Laser safe that is produced specifically for press brakes and is the leader among safety systems. Laser safe keeps the operator's safety at the top level.



C 2000 Rear Light Guard (S) CE standards safety protections help you work in safer conditions.



SICK Light Barrier (S)



DSP Laser Protection System (O)



IMG 100 laser Safe and Angle Measurement System (O) Laser Finger Protection helps you save time with easy installation.

- Angle Measurement can be used with ER-90.



Promecam Top Tool Clamping System (S) Top tool clamping system which provides quick tool change.



Hydraulic Tool Clamping System (O) Hydraulic tool clamping systems clamp, correct and centre the tools automatically without need for air. These are perfect solutions to shorten the setup timing and for automated press

With patented balled type upper top tolls, the tools can be inserted or removed vertically; ROL-1 clamping system eliminates difficulty of removing tools by sliding along the



Double-sided Roll 1 tool clamping system allows tools to be inserted in



Pneumatic clamping systems; air pressure forces the tools to fasten and centre themselves. An excellent solution for shortening set up time on press brakes.



Standard Promecam type tools can be inserted or removed vertically; ROL-5 clamping system eliminates difficulty of removing tools by sliding along the beam.

Your partner for presentation of the needs

Bottom Tool Clamping and Crowning Systems

Other Equipment



Mutti-V Bottom Tool (O) Multi V or U type adjustable tools.



Hydraulic Bottom Tool Clamping System (O)



CNC Motorized Crowning System (s)
CNC crowning system that communicates with the CNC controller, performs crowning automatically and enables the part to be at even bending angle at any given point.



Wila Bottom Tool Clamping System (O)



Wila Hydraulic Tool Clamping Systems (O)



Throat (O)
Special throat depths are offered up to 1500 mm for large bends.



6 Axes Backgauge with Servo Motor (0) 6 axes (X1+X2+R1+R2-X1-X2) (0) rapid and precise back support systems with servo motor. They enable you to increase the production performance and quality.



Sliding Front Support Arms (S)



Tool Storing Cabinet (O)

- (C) Optional - (S) Standa



TYPE	Bending Length	Bending Power	Distance Between Columns	Y Rapid Speed	Y Working Speed *	Y Return Speed	Crowning	Travel in X Axis	Speed of X Axis	Travel of R Axis	Speed of R Axis	Backgauge Finger Blocks	Number of sheet Support			Stroke	Daylight	Throat Depth	Table Height	Table Width	Length	Height	Width	Weight	optional		
														Oil Capacity	Motor Power										Speed of Travel X1, X2 Axis	Speed of Travel s R1, R2 Axis	Speed of Travel z Z1, Z2 Axis
	A	В														С	D	E	F	G	L	н	w				
	mm	Ton	mm	mm/s	mm/s	mm/s	Standard	mm	mm/s	mm	mm/s	Amount	Amount	It.	kW	mm	mm	mm	mm	mm	mm	mm	mm	kg.	mm/s	mm/s	mm/s
SB 1270 - 40	1270	40	1050	140	17	170	-	500	500	250	350	2	2	80	6	170	387	350	850	90	2150	2300	1650	3200	500	350	1000
SB 1270 - 60	1270	60	1000	160	14	165	-	500	500	250	350	2	2	150	8	275	530	410	900	90	2250	2750	1960	4300	500	350	1000
SB 2100 - 40	2100	40	1700	140	17	170	Motorized	500	500	250	350	2	2	80	6	170	387	350	850	90	2900	2300	1650	4100	500	350	1000
SB 2100 - 60	2100	60	1700	160	14	165	Motorized	500	500	250	350	2	2	150	8	275	530	410	900	90	3250	2750	1960	5800	500	350	1000
SB 2600 - 60	2600	60	2200	200	14	165	Motorized	500	500	250	350	2	2	150	8	275	530	410	900	90	3750	2750	1960	6200	500	350	1000
SB 2600 - 100	2600	100	2200	200	12	190	Motorized	800	500	250	350	2	2	200	11	275	530	410	900	90	3750	2800	1950	7000	500	350	1000
SB 2600 - 135	2600	135	2200	160	12	190	Motorized	800	500	250	350	2	2	300	15	275	550	410	900	90	3750	2800	2050	8400	500	350	1000
SB 3100 - 100	3100	100	2600	200	12	190	Motorized	800	500	250	350	2	2	200	11	275	530	410	900	90	4250	2800	1950	7600	500	350	1000
SB 3100 - 135	3100	135	2600	200	12	190	Motorized	800	500	250	350	2	2	300	15	275	550	410	900	90	4250	2800	2050	8800	500	350	1000
SB 3100 - 175	3100	175	2600	180	12	190	Motorized	800	500	250	350	2	2	300	15	275	550	410	900	90	4250	2800	2150	9600	500	350	1000
SB 3100 - 220	3100	220	2600	180	10	185	Motorized	800	500	250	350	2	2	300	19	275	550	410	900	200	4550	2850	2250	11700	500	350	1000
SB 3100 - 260	3100	260	2600	140	11	135	Motorized	800	500	250	350	2	2	300	22	275	550	410	900	220	4550	2900	2350	15200	500	350	1000
SB 3100 - 320	3100	320	2600	140	11	150	Motorized	800	500	250	350	2	2	400	30	375	650	410	900	240	4550	3200	2450	16925	500	350	1000
SB 3100 - 400	3100	400	2550	110	8	130	Motorized	800	500	250	350	2	2	400	30	375	650	510	1000	240	4550	3470	2650	21040	500	350	1000
SB 3100 - 500	3100	500	2450	80	7	65	Motorized	800	500	250	350	2	2	500	30	375	675	510	1020	240	4900	3750	2650	27700	500	350	1000
SB 3760 - 175	3760	175	3250	180	12	190	Motorized	800	500	250	350	2	2	300	15	275	550	410	900	90	4900	2800	2150	11100	500	350	1000
SB 3760 - 220	3760	220	3250	180	10	185	Motorized	800	500	250	350	2	2	300	19	275	550	410	900	160	5100	2900	2250	12800	500	350	1000
SB 3760 - 260	3760	260	3250	140	11	135	Motorized	800	500	250	350	2	2	300	22	275	550	410	900	200	5100	3000	2350	16100	500	350	1000
SB 3760 - 320	3760	320	3250	140	11	150	Motorized	800	500	250	350	2	2	400	30	375	650	410	900	220	5100	3150	2450	20180	500	350	1000
SB 4100 - 135 SB 4100 - 175	4100 4100	135 175	3600 3600	200 180	12	190	Motorized	800	500	250 250	350 350	2	2	300	15	275 275	550	410 410	900	90	5100 5100	2800 2850	2100 2150	10800 12100	500	350 350	1000
SB 4100 - 175 SB 4100 - 220	4100	220	3600	180	10	0.00000	Motorized	800	500	250	350	2	2	300	19		550	410	900	160	5150	3000				350	
SB 4100 - 220	4100	260	3600	140	11	185	Motorized Motorized	800	500	250	350	2	2	300	22	275 275	550 550	410	900	200	5150	3000	2250 2350	14000	500	350	1000
SB 4100 - 200	4100	320	3600	140	11	150	Motorized	800	500	250	350	2	2	400	30	375	650	410	900	220	5350	3150	2450	21950	500	350	1000
SB 4100 - 400	4100	400	3550	110	8	130	Motorized	800	500	250	350	2	2	400	30	375	650	510	1000	240	5450	3470	2650	26530	500	350	1000
SB 4100 - 500	4100	500	3400	80	7	65	Motorized	800	500	250	350	2	2	500	30	375	675	510	1100	240	5450	3850	2650	32500	500	350	1000
SB 4100 - 600	4100	600	3400	80	8	75	Motorized	800	500	250	350	2	2	500	37	375	675	510	900	240	5900	3650	2650	36500	500	350	1000
SB 4100 - 1250		1250	3000	70	6	80	Motorized	1000	500	250	350	2	2	1200	55	510	1000	610	800	440	5900	4600	3300	77670	500	350	1000
SB 4100 - 1500	4100	1500	2900	70	6	80	Motorized	1000	500	250	350	2	2	1500	75	610	1100	610	800	480	5900	5000	3700	92070	500	350	1000
SB 4270 - 135	4270	135	3780	200	12	190	Motorized	800	500	250	350	2	2	300	15	275	550	410	900	90	5280	2800	2150	11100	500	350	1000
SB 4270 - 220	4270	220	3780	180	10	185	Motorized	800	500	250	350	2	2	300	19	275	550	410	900	160	5320	3000	2250	14800	500	350	1000
SB 4270 - 320	4270	320	3780	140	11	150	Motorized	800	500	250	350	2	2	400	30	375	650	410	900	220	5600	3200	2450	22600	500	350	1000
SB 4270 - 400	4270	400	3780	110	8	130	Motorized	800	500	250	350	2	2	400	30	375	650	510	1000	240	5600	3470	2650	26750	500	350	1000
SB 4270 - 600	4270	600	3600	80	8	75	Motorized	800	500	250	350	2	2	500	37	375	675	510	900	240	6100	3700	2650	37250	500	350	1000
SB 6100 - 220	6100	220	5100	130	11	125	Motorized	800	500	250	350	4	4	300	19	275	550	410	1100	180	7500	3200	2350	26000	500	350	1000
SB 6100 - 320	6100	320	5100	80	11	75	Motorized	800	500	250	350	4	4	400	30	375	650	410	1100	180	7500	3350	2450	31100	500	350	1000
SB 6100 - 400	6100	400	5100	80	8	65	Motorized	800	500	250	350	4	4	400	30	375	650	510	1100	200	7650	3750	2650	39900	500	350	1000
SB 6100 - 500	6100	500	5100	80	7	65	Motorized	800	500	250	350	4	4	500	30	375	675	510	900	240	7900	3700	2650	42800	500	350	1000
SB 6100 - 600	6100	600	5100	80	8	75	Motorized	800	500	250	350	4	4	500	37	375	675	510	900	240	7900	3900	2650	48100	500	350	1000
SB 6100 - 800	6100	800	5100	80	6	65	Motorized	1000	500	250	350	4	4	800	37	410	710	610	900	240	7900	4100	3050	63000	500	350	1000
SB 6100 - 1000	6100	1000	5100	70	6	50	Motorized	1000	500	250	350	4	4	1000	45	510	900	610	800	340	7900	4350	3250	72320	500	350	1000
SB 6100 - 1250		1250	5000	70	6	55	Motorized	1000	500	250	350	4	4	1200	55	510	1000	610	800	380	7900	4800	3400	93720	500	350	1000
SB 6100 - 1500	6100	1500	4900	70	6	55	Motorized	1000	500	250	350	4	4	1500	75	610	1100	610	800	400	7900	5000	3700	106630	500	350	1000