



**MOHAMMED KHALID**

**Factories Equip.Tr.**



# SPEED BEND

Synchronized Hydraulic Press Brake.



Fiessler Akas LCIM Protection System (O)



Laser Safe (O)  
Laser Safe is produced specially for press brakes which is one of the leader safety system in the market. Laser Safe provides the operator's safety at the top level.



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

## Technical Features

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	Oil Capacity	Motor Power	Stroke	Daylight	Throat Depth	Table Height	Table Width	Length	Height	Width	Weight	optional		
	A	B																							Speed of Travel X1, X2 Axis	Speed of Travel R1, R2 Axis	Speed of Travel Z1, Z2 Axis
	inch	Tons	inch	inch/s	inch/s	inch/s	Standard	inch	inch/s	inch	inch/s	Amount	Amount	Us gallons	HP	C	D	E	F	G	L	H	W	Jbr.	inch/s	inch/s	inch/s
SB 4,17' - 44	50	44	41,34	5,51	0,67	6,69	-	19,69	19,69	9,84	13,78	2	2	21,14	7,38	9,69	15,22	13,78	33,46	3,54	84,65	90,85	64,96	7036	19,69	13,78	39,37
SB 4,17' - 66	50	66	39,37	5,30	0,55	6,50	-	19,69	19,69	9,84	13,78	2	2	39,63	10,06	10,83	20,87	16,14	35,43	3,54	88,58	108,27	71,17	9482	19,69	13,78	39,37
SB 6,89' - 44	82,68	44	66,93	5,51	0,67	6,69	Motorized	19,69	19,69	9,84	13,78	2	2	21,14	7,38	9,69	15,22	13,78	33,46	3,54	114,17	90,85	64,96	9041	19,69	13,78	39,37
SB 6,89' - 66	82,68	66	66,93	5,30	0,55	6,50	Motorized	19,69	19,69	9,84	13,78	2	2	39,63	10,06	10,83	20,87	16,14	35,43	3,54	122,95	108,27	71,17	12789	19,69	13,78	39,37
SB 8,53' - 66	102,36	66	86,61	7,87	0,55	6,50	Motorized	19,69	19,69	9,84	13,78	2	2	39,63	10,06	10,83	20,87	16,14	35,43	3,54	147,64	108,27	71,17	13671	19,69	13,78	39,37
SB 8,53' - 110	102,36	110	86,61	7,87	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	52,84	14,75	10,83	20,87	16,14	35,43	3,54	147,64	110,24	76,77	15435	19,69	13,78	39,37
SB 8,53' - 149	102,36	149	86,61	8,30	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	147,64	110,24	80,71	18922	19,69	13,78	39,37
SB 10,17' - 110	122,05	110	102,36	7,87	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	52,84	14,75	10,83	20,87	16,14	35,43	3,54	167,32	110,24	76,77	16758	19,69	13,78	39,37
SB 10,17' - 149	122,05	149	102,36	7,87	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	167,32	110,24	80,71	19404	19,69	13,78	39,37
SB 10,17' - 193	122,05	193	102,36	7,09	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	167,32	110,24	84,65	21168	19,69	13,78	39,37
SB 10,17' - 242	122,05	242	102,36	7,09	0,39	7,28	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	24,81	10,83	21,65	16,14	35,43	7,87	179,13	112,20	88,58	25799	19,69	13,78	39,37
SB 10,17' - 286	122,05	286	102,36	5,51	0,43	5,31	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	29,50	10,83	21,65	16,14	35,43	8,66	179,13	114,17	92,52	33516	19,69	13,78	39,37
SB 10,17' - 352	122,05	352	102,36	5,51	0,41	5,91	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	16,14	35,43	9,45	179,13	125,96	96,46	37320	19,69	13,78	39,37
SB 10,17' - 440	122,05	440	100,39	4,33	0,33	5,12	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	20,08	39,37	9,45	179,13	136,81	104,33	46393	19,69	13,78	39,37
SB 10,17' - 550	122,05	550	96,46	3,15	0,29	2,56	Motorized	31,50	19,69	9,84	13,78	2	2	132,10	40,23	14,76	26,57	20,08	40,16	9,45	192,91	147,64	104,33	61079	19,69	13,78	39,37
SB 12,34' - 193	148,03	193	127,95	7,09	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	192,91	110,24	84,65	24476	19,69	13,78	39,37
SB 12,34' - 242	148,03	242	127,95	7,09	0,39	7,28	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	24,81	10,83	21,65	16,14	35,43	6,30	200,79	114,17	88,58	28224	19,69	13,78	39,37
SB 12,34' - 286	148,03	286	127,95	5,51	0,43	5,31	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	29,50	10,83	21,65	16,14	35,43	7,87	200,79	118,11	92,52	35501	19,69	13,78	39,37
SB 12,34' - 352	148,03	352	127,95	5,51	0,41	5,91	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	16,14	35,43	8,66	200,79	124,02	96,46	44407	19,69	13,78	39,37
SB 13,45' - 149	161,42	149	141,73	7,87	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	200,79	110,24	82,68	23814	19,69	13,78	39,37
SB 13,45' - 193	161,42	193	141,73	7,09	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	200,79	112,20	84,65	26881	19,69	13,78	39,37
SB 13,45' - 242	161,42	242	141,73	7,09	0,39	7,28	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	24,81	10,83	21,65	16,14	35,43	6,30	202,76	118,11	88,58	30870	19,69	13,78	39,37
SB 13,45' - 286	161,42	286	141,73	5,51	0,43	5,31	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	29,50	10,83	21,65	16,14	35,43	7,87	202,76	118,11	92,52	37265	19,69	13,78	39,37
SB 13,45' - 352	161,42	352	141,73	5,51	0,41	5,91	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	16,14	35,43	8,66	210,63	124,02	96,46	48400	19,69	13,78	39,37
SB 13,45' - 440	161,42	440	139,78	4,33	0,33	5,12	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	20,08	39,37	9,45	214,57	136,81	104,33	58499	19,69	13,78	39,37
SB 13,45' - 550	161,42	550	133,66	3,15	0,29	2,56	Motorized	31,50	19,69	9,84	13,78	2	2	132,10	40,23	14,76	26,57	20,08	43,31	9,45	214,57	151,57	104,33	71663	19,69	13,78	39,37
SB 13,45' - 660	161,42	660	133,66	3,15	0,33	2,95	Motorized	31,50	19,69	9,84	13,78	2	2	132,10	49,62	14,76	26,57	20,08	35,43	9,45	232,28	143,70	104,33	80483	19,69	13,78	39,37
SB 13,45'-1375	161,42	1375	118,11	2,78	0,24	3,15	Motorized	39,37	19,69	9,84	13,78	2	2	317,04	73,76	20,08	39,37	24,02	31,50	17,32	232,28	181,10	129,92	171262	19,69	13,78	39,37
SB 13,45'-1650	161,42	1650	114,17	2,78	0,22	3,15	Motorized	39,37	19,69	9,84	13,78	2	2	396,30	100,58	24,02	43,31	24,02	31,50	16,90	232,28	196,85	145,67	202014	19,69	13,78	39,37
SB 14' - 149	168,11	149	148,82	7,87	0,47	7,48	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	20,12	10,83	21,65	16,14	35,43	3,54	207,87	110,24	84,65	24476	19,69	13,78	39,37
SB 14' - 242	168,11	242	148,82	7,09	0,39	7,28	Motorized	31,50	19,69	9,84	13,78	2	2	79,26	24,81	10,83	21,65	16,14	35,43	6,30	208,45	118,11	88,58	32634	19,69	13,78	39,37
SB 14' - 352	168,11	352	148,82	5,51	0,41	5,91	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	16,14	35,43	8,66	220,47	125,96	96,46	49833	19,69	13,78	39,37
SB 14' - 440	168,11	440	148,82	4,33	0,33	5,12	Motorized	31,50	19,69	9,84	13,78	2	2	105,68	40,23	14,76	25,59	20,08	39,37	9,45	220,47	136,81	104,33	58994	19,69	13,78	39,37
SB 14' - 660	168,11	660	141,73	3,15	0,33	2,95	Motorized	31,50	19,69	9,84	13,78	2	2	132,10	49,62	14,76	26,57	20,08	35,43	9,45	240,16	145,67	104,33	82136	19,69	13,78	39,37
SB 20,01' - 242	240,16	242	220,79	3,12	0,43	4,82	Motorized	31,50	19,69	9,84	13,78	4	4	79,26	24,81	10,83	21,65	16,14	43,31	7,09	296,29	125,96	92,52	57330	19,69	13,78	39,37
SB 20,01' - 352	240,16	352	200,79	3,15	0,41	2,95	Motorized	31,50	19,69	9,84	13,78	4	4	105,68	40,23	14,76	25,59	16,14	43,31	7,09	296,29	131,89	96,46	68576	19,69	13,78	39,37
SB 20,01' - 440	240,16	440	200,79	3,15	0,33	2,55	Motorized	31,50	19,69	9,84	13,78	4	4	105,68	40,23	14,76	25,59	20,08	43,31	7,87	301,18	147,64	104,33	87960	19,69	13,78	39,37
SB 20,01' - 550	240,16	550	200,79	3,15	0,29	2,55	Motorized	31,50	19,69	9,84	13,78	4	4	132,10	40,23	14,76	26,57	20,08	35,43	9,45	311,02	145,67	104,33	94374	19,69	13,78	39,37
SB 20,01' - 660	240,16	660	200,79	3,15	0,33	2,95	Motorized	31,50	19,69	9,84	13,78	4	4	132,10	49,62	14,76	26,57	20,08	35,43	9,45	311,02	159,85	133,86	106961	19,69	13,78	39,37
SB 20,01' - 880	240,16	880	200,79	3,15	0,24	2,56	Motorized	39,37	19,69	9,																	

# POWER-BEND PRO

3 Axes (R Manual) CNC Press Brake.



## General features

- High performance user friendly CNC controller is offered at affordable price.
- 2D graphical bending simulation.
- 2D graphical part drawing.
- 2D graphical manual crash control.
- Automatic bending calculations for inner and outer parameters.
- Automatic X and R axis calculating for bending steps and part dimensions.
- Bending skip or bending change.
- Automatic calculations of bended parts.
- Automatic positioning for Y1 and Y2 upon sample part degree.
- Automatic stroke or inside radius calculating.
- Screen dimensions: 10,4" TFT single colour.
- OS: WINDOWS.
- Memory: 64 MB.
- Memory for end users. Min 2 MB, approximately 1000 programs.
- Programming feature for up to 99 steps.
- Maximum 99 steps for single program.
- Y1, Y2, X, R, (Max 4 axis).
- Tooling and V DIE memory 30/60.
- USB back up available for lost info.
- Additional 2 USB ports for your keyboard or mouse.
- Ethernet sample piece transfer.
- Offline 2D part programming.



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



CNC Motorised Crowning System (\*)  
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.  
\* Up to 400 TN optional.  
From 400 TN and above standard.

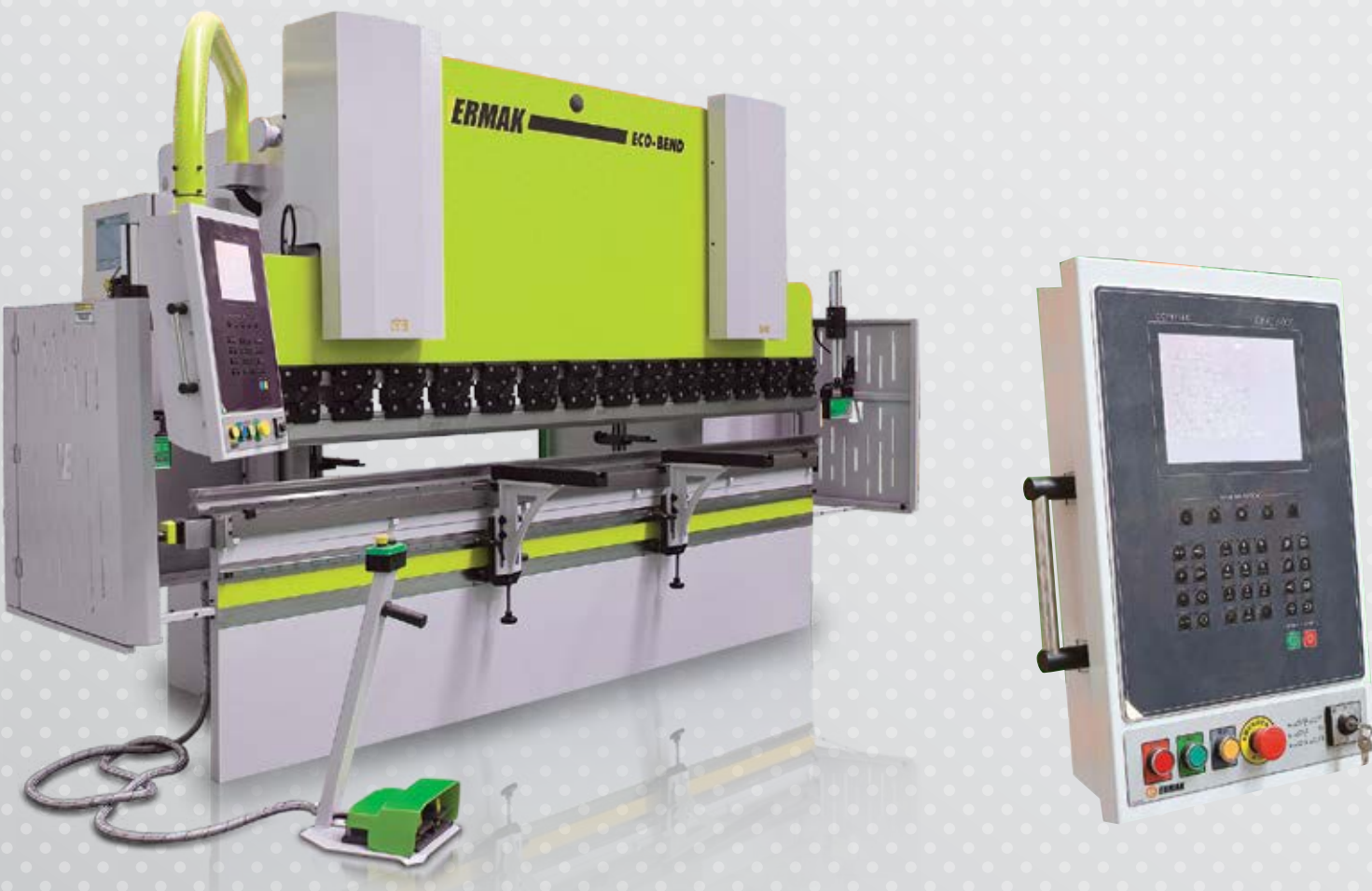
## Technical Features

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	BACKGAUGE FINGER BLOCKS	NUMBER OF SHEET SUPPORT (Sliding front arms)	OIL CAPACITY	MOTOR POWER	STROKE	DAYLIGHT	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	LENGTH	HEIGHT	WIDTH	WEIGHT
	A mm	B Ton	B mm	mm/s	mm/s	mm/s		mm	mm/s	Amount	Amount	lit.	kW	C mm	D mm	E mm	F mm	G mm	L mm	H mm	W mm	kg.
PB-PRO 1270 - 40	1270	40	1050	140	17	170	-	800	230	2	2	80	5,5	170	387	350	850	90	2150	2300	1650	3050
PB-PRO1270 - 60	1270	60	1000	200	14	165	-	800	230	2	2	150	7,5	275	530	410	900	90	2250	2750	1950	4150
PB-PRO 2100 - 40	2100	40	1700	140	17	170	-	800	230	2	2	80	5,5	170	387	350	850	90	2900	2300	1650	3950
PB-PRO 2100 - 60	2100	60	1700	200	14	165	-	800	230	2	2	150	7,5	275	530	410	900	90	3250	2750	1950	5550
PB-PRO 2600 - 60	2600	60	2200	200	14	165	-	800	230	2	2	150	7,5	275	530	410	900	90	3750	2750	1950	6050
PB-PRO 2600 - 100	2600	100	2200	200	9,5	155	-	800	230	2	2	150	7,5	275	530	410	900	90	3750	2800	1950	8850
PB-PRO 2600 - 135	2600	135	2200	160	10	120	-	800	230	2	2	200	11	275	550	410	900	90	3750	2800	2050	8250
PB-PRO 3100 - 100	3100	100	2600	200	9,5	155	-	800	230	2	2	150	7,5	275	530	410	900	90	4250	2800	1950	7450
PB-PRO 3100 - 135	3100	135	2600	200	10	120	-	800	230	2	2	200	11	275	550	410	900	90	4250	2800	2050	8650
PB-PRO 3100 - 175	3100	175	2600	180	10	135	-	800	230	2	2	200	15	275	550	410	900	90	4250	2800	2150	9450
PB-PRO 3100 - 220	3100	220	2600	180	11	160	-	800	230	2	2	300	18,5	275	550	410	900	200	4550	2850	2250	11500
PB-PRO 3100 - 260	3100	260	2600	140	11	135	Manual	800	230	2	2	300	22	275	550	410	900	220	4550	2900	2350	15000
PB-PRO 3100 - 320	3100	320	2600	140	10,5	150	Manual	800	230	2	2	400	30	375	650	410	900	240	4550	3200	2450	16800
PB-PRO 3100 - 400	3100	400	2550	110	8,4	130	Motorized	1000	230	2	2	400	30	375	650	510	1000	240	4550	3470	2650	20840
PB-PRO 3780 - 175	3780	175	3250	180	10	135	-	800	230	2	2	200	15	275	550	410	900	90	4800	2800	2150	10950
PB-PRO 3780 - 220	3780	220	3250	180	11	160	-	800	230	2	2	300	18,5	275	550	410	900	160	5100	2900	2250	12600
PB-PRO 3780 - 320	3780	320	3250	140	10,5	150	Manual	800	230	2	2	400	30	375	650	410	900	220	5100	3150	2450	20000
PB-PRO 4100 - 135	4100	135	3600	200	10	120	-	800	230	2	2	200	11	275	550	410	900	90	5100	2800	2100	10650
PB-PRO 4100 - 175	4100	175	3600	180	10	135	-	800	230	2	2	200	15	275	550	410	900	90	5100	2850	2150	11950
PB-PRO 4100 - 220	4100	220	3600	180	11	160	-	800	230	2	2	300	18,5	275	550	410	900	160	5150	3000	2250	13800
PB-PRO 4100 - 260	4100	260	3600	140	11	135	Manual	800	230	2	2	300	22	275	550	410	900	200	5150	3000	2350	16700
PB-PRO 4100 - 320	4100	320	3600	140	10,5	150	Manual	800	230	2	2	400	30	375	650	410	900	220	5350	3150	2450	21750
PB-PRO 4100 - 400	4100	400	3550	110	8,4	130	Motorized	1000	230	2	2	400	30	375	650	510	1000	240	5450	3470	2650	26330
PB-PRO 4270 - 135	4270	135	3780	200	10	120	-	800	230	2	2	200	11	275	550	410	900	90	5280	2800	2150	10950
PB-PRO 4270 - 220	4270	220	3780	180	11	160	-	800	230	2	2	300	18,5	275	550	410	900	160	5320	3000	2250	14600
PB-PRO 4270 - 400	4270	400	3780	110	8,4	130	Motorized	1000	230	2	2	400	30	375	650	510	1000	240	5600	3470	2650	26550
PB-PRO 6100 - 220	6100	220	5100	130	11	125	-	800	230	4	4	300	18,5	275	550	410	1100	180	7500	3200	2350	25800
PB-PRO 6100 - 320	6100	320	5100	80	10,5	75	Motorized	800	230	4	4	400	30	375	650	410	1100	180	7500	3350	2450	30900
PB-PRO 6100 - 400	6100	400	5100	80	8,4	65	Motorized	1000	230	4	4	400	30	375	650	510	1100	200	7650	3750	2650	39700



# ECO BEND

CNC Hydraulic Press Brake.



Manual Crowning System (O)  
Manual crowning system that enables the part to be at even bending angle at any given point.



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



Backgauge Fingers (O)  
Specifically designed folding backgauge fingers.



Fieessler Akas LCIM 2000 Protection System (O)

## Technical Features

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	BACKGAUGE FINGER BLOCKS	NUMBER OF SHEET SUPPORT ARMS	OIL CAPACITY	MOTOR POWER	STROKE	DAYLIGHT	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	LENGTH	HEIGHT	WIDTH	WEIGHT
	A	B																				
	mm	Ton	mm	mm/sec	mm/sec	mm/sec		mm	mm/sec	ADET	ADET	lt.	kW	mm	mm	mm	mm	mm	mm	mm	mm	kg.
ECO BEND 2600 - 80	2600	80	1600	90	75	60	-	500	230	2	2	150	5,5	160	380	250	800	90	3750	2300	1950	4557
ECO BEND 2600 - 120	2600	120	1600	90	75	65	-	500	230	2	2	150	7,5	160	385	250	800	90	3750	2325	1900	5229
ECO BEND 3100 - 80	3100	80	2050	90	75	60	-	500	230	2	2	150	5,5	160	380	250	800	90	4250	2300	1950	4893
ECO BEND 3100 - 120	3100	120	2050	90	75	65	-	500	230	2	2	150	7,5	160	385	250	800	90	4250	2325	1900	5550
ECO BEND 3100 - 160	3100	160	2050	90	6,1	60	-	500	230	2	2	200	7,5	160	395	250	800	90	4250	2500	1900	6500
ECO BEND 3100 - 200	3100	200	2050	100	7	75	-	500	230	2	2	200	11	180	415	250	800	200	4450	2650	2050	8050
ECO BEND 3600 - 120	3600	160	2600	90	75	65	-	500	230	2	2	150	7,5	160	385	250	800	90	4750	2325	1900	6536
ECO BEND 3600 - 160	3600	160	2600	90	6,1	60	-	500	230	2	2	200	7,5	160	395	250	800	90	4750	2500	1900	7171
ECO BEND 3600 - 200	3600	200	2600	100	7	75	-	500	230	2	2	200	11	180	415	250	800	200	4950	2650	2050	8755
ECO BEND 4100 - 120	4100	120	3100	90	75	65	-	500	230	2	2	150	7,5	160	385	250	800	90	5050	2325	1900	7425
ECO BEND 4100 - 160	4100	160	3100	90	6,1	60	-	500	230	2	2	200	7,5	160	395	250	800	90	5050	2500	1900	8030
ECO BEND 4100 - 200	4100	200	3100	100	7	75	-	500	230	2	2	200	11	180	415	250	800	200	5150	2650	2050	9816