



PB NC Pressbrakes

The conventional PB series pressbrakes are manufactured with a heavy duty welded steel frame, a strong torsion bar and a hydro mechanical balancing system ensuring a long working life. The range spans capacities from 40 tonnes through to 300 tonnes with bending lengths of up to 4100mm.

All models are fitted with euro style tooling and are supplied with a programmable NC controlled backgauge system and down stroke control with a digital read out display of the current position. Side and rear guards with electrical interlock switches are fitted as standard for increased safety.



PB NC Range

Machine Features

- User friendly NC control for backgauge depth – X axis
- 750mm stroke backgauge with two finger stops with manual height adjustment
- Ram stroke control by precision mechanical-stops built into each cylinder and electrically adjusted by push-buttons with a digital position display
- Independent position control of one cylinder-stop to provide fine angle adjustment
- Two-speed bending cycle giving fast approach, slow bending and fast return
- 3-function footswitch: normal bending, beam pause at any stroke point, automatic beam return upon release of footswitch
- AKAS laser tooling guards for enhanced ease of use
- Pendant control unit
- Euro style top tool holders with wedge adjustment
- Sectionalised gooseneck top tool and one piece multi-vee bottom die
- Two front support arms

Optional Equipment

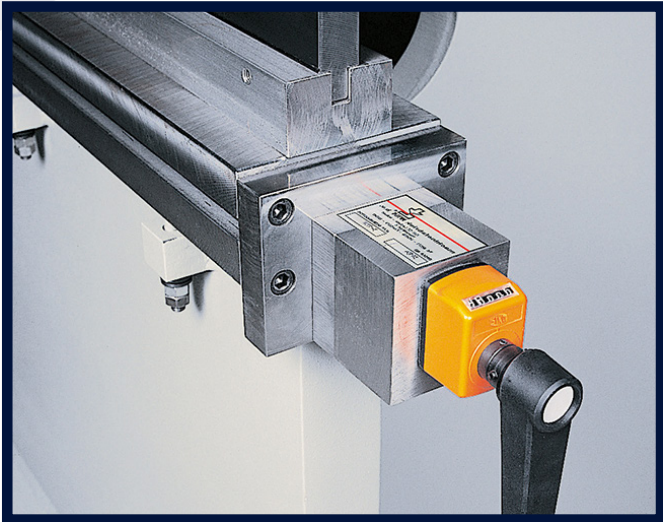
- Manual bottom tool crowning system
- Quick release top tool clamping system
- Additional backgauge fingers
- Additional front support arms
- Cybtouch 6 Touchscreen NC Controller



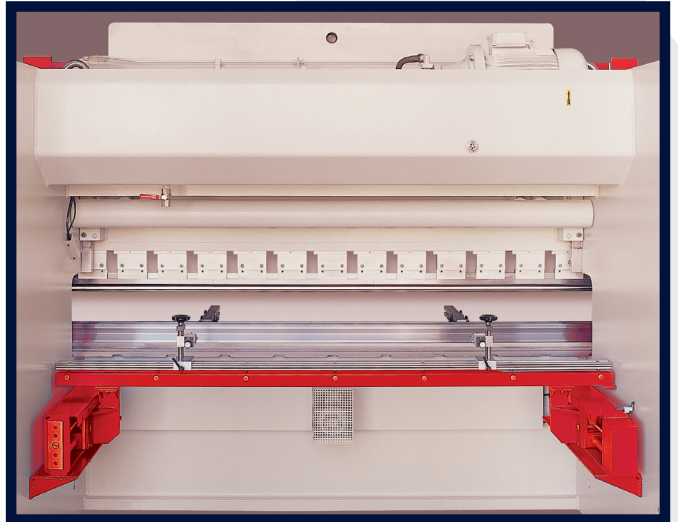
**QUICK RELEASE TOP TOOLING
(OPTIONAL)**



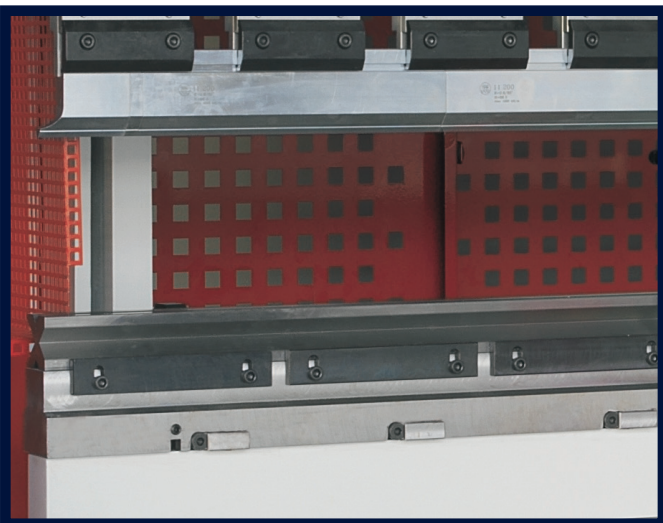
X AXIS BACKGAUGE FINGERS



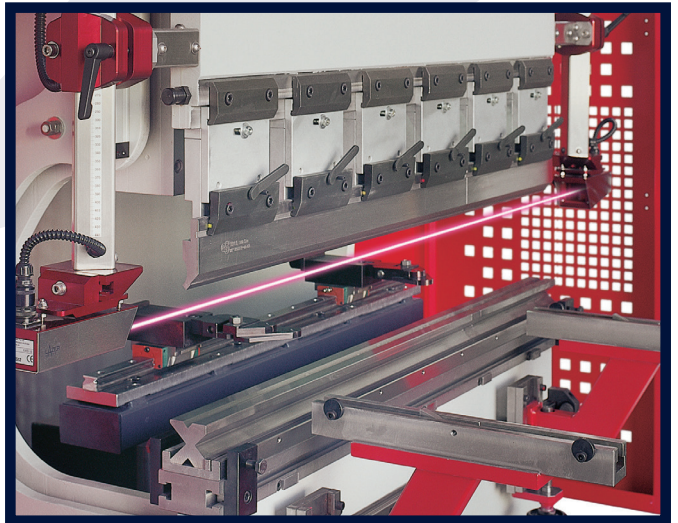
**MANUAL BOTTOM TOOL CROWNING
SYSTEM (OPTIONAL)**



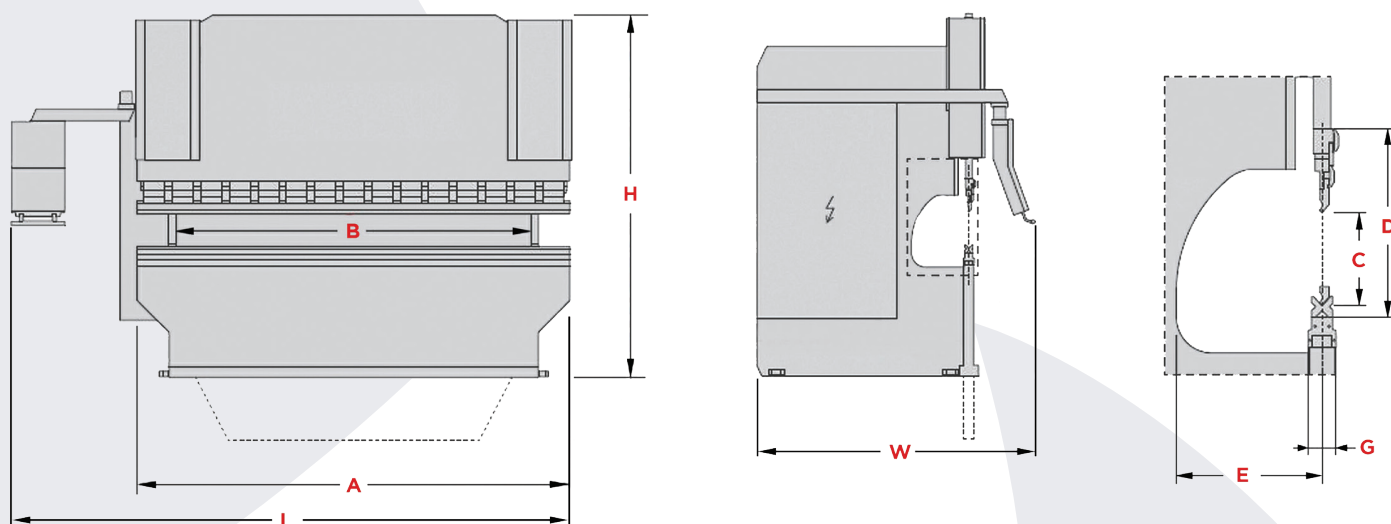
REAR VIEW



EURO STYLE TOOLING



FRONT LASER PROTECTION SYSTEM



TECHNICAL SPECIFICATIONS

MODEL	STOCK CODE	BENDING POWER	BENDING LENGTH	DIST. BETWEEN COLUMN	Y RAPID SPEED	Y WORKING SPEED	Y RETURN SPEED	TRAVEL IN X AXIS	OIL CAPACITY	MOTOR POWER	STROKE	DAYLIGHT	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	LENGTH	WIDTH	HEIGHT	WEIGHT
		Tonne	A mm	B mm	mm/sec	mm/sec	mm/sec	mm	Litre	kW	C mm	D mm	E mm	F mm	G mm	L mm	W mm	H mm	kg
PB 1250/40	M5000	35	1250	1070	100	10	70	750	80	8	150	470	410	800	140	2150	1570	2150	2200
PB 2100/40	M5001	40	2100	1600	90	10	70	750	80	8	80	410	310	800	140	3100	1570	2150	3000
PB 2600/60	M5002	60	2600	2050	90	9	65	750	100	9.5	110	450	310	860	140	3100	1590	2150	4800
PB 2600/90	M5003	90	2600	2050	80	10	80	750	130	11.5	120	475	310	860	170	3100	1650	2270	5650
PB 3100/90	M5004	90	3100	2550	95	10	80	750	170	11.5	120	460	310	870	140	4350	1650	2270	6500
PB 3100/120	M5005	120	3100	2550	100	10	90	750	170	15	130	485	310	870	170	4350	2250	2370	7950
PB 3100/160	M5006	160	3100	2550	90	8	75	750	180	15	140	510	310	870	200	4350	2250	2450	8700
PB 3100/200	M5007	200	3100	2550	100	8	75	750	210	19	150	525	310	880	240	4350	2250	2520	10500
PB 3100/240	M5008	240	3100	2550	70	8	55	750	210	22.5	160	580	310	880	280	4350	2250	2650	12000
PB 3100/300	M5009	300	3100	2550	80	9	60	750	240	26	180	595	380	900	380	4350	2400	2850	17000
PB 3700/160	M5010	160	3700	3250	90	8	75	750	210	15	140	500	310	870	170	4950	1850	2450	11200
PB 3700/200	M5011	200	3700	3250	100	8	75	750	210	19	150	540	310	880	240	4950	2200	2520	12500
PB 3700/240	M5012	240	3700	3250	70	8	55	750	260	22.5	160	565	310	880	240	4950	2250	2650	14000
PB 4100/160	M5013	160	4100	3550	90	8	75	750	260	15	140	500	310	880	170	5300	1950	2450	12500
PB 4100/200	M5014	200	4100	3550	100	8	75	750	260	19	150	510	310	880	200	5300	2200	2520	14500
PB 4100/240	M5015	240	4100	3550	100	8	55	750	260	22.5	160	565	310	880	240	5300	2050	2650	15000
PB 4100/300	M5016	300	4100	3550	80	9	60	750	300	26	180	595	380	900	280	5300	2400	2850	18500