



## HYDRAULIC PRESS BRAKE MACHINE

Model: HPB - SERIES



### Major Elements

- |   |                                   |
|---|-----------------------------------|
| 1. Hydraulic system   | : Rexroth - Germany               |
| 2. Main Electro parts   | : Schneider - Germany             |
| 3. Motors   | : Siemens - China (BEIDE BRAND)   |
| 4. Sealing  | : NOK from Japan                  |
| 5. Oil pumps  | : From Shanghai.                  |
| 6. Tooling  | : From shanghai                   |
| 7. Joint (fitting pipe)   | : imported                        |
| 8. Operation system   | : E21 ESTUN + Frequency Converter |
| 9. Time Relay, Limit Switch   | : Schneider                       |
| Chip-Sleeve-Connection ( $\approx$ 200T)  |                                   |
| 10. Chinese Brans: Inverter & ball screw for back gauge, cooling fan<br>quick change clamping, standard upper & bottom tooling, side & back<br>protection, emergency stop |                                   |



## Technical Parameters:

Model HPB	Nominal Pressure (KN)	Length of Working Table (mm)	Distance Between Uprights (mm)	Throat Dept (mm)	Slide Stroke (mm)	Max. Opening Height (mm)	Motor Power (kw)	Overall Dimension (mm)		
								Length	Width	Height
40/1600	400	1600	1305	200	110	300	4	1800	1100	1870
50/2500	500	2500	2050	200	110	300	5.5	2700	1300	2250
50/3200	500	3200	2600	250	120	315	5.5	3400	1200	2150
80/3200	800	3200	2600	250	120	360	7.5	3400	1300	2260
100/3200	1000	3200	2600	320	120	380	7.5	3400	1350	2450
125/3200	1250	3200	2600	320	120	380	7.5	3400	1350	2450
125/4000	1250	4000	3200	320	120	380	7.5	4200	1350	2500
160/3200	1600	3200	2600	320	155	420	11	6200	1510	2595
160/4000	1600	4000	3200	320	155	420	11	3400	1510	2695
160/6000	1600	6000	4800	320	155	420	11	4200	1710	2880
200/3200	2000	3200	2600	320	200	440	15	6200	1680	2675
200/4000	2000	4000	3200	320	200	440	15	3400	1680	2725
200/6000	2000	6000	4800	320	200	440	18.5	4200	1680	3345
250/3200	2500	3200	2600	320	250	520	18.5	3400	1690	2825
250/4000	2500	4000	3200	320	250	520	18.5	4200	1690	2960
300/3200	3000	3200	2600	400	250	535	22	3400	2020	3150
300/4000	3000	4000	3200	400	250	535	22	4200	2020	3125
350/3200	3500	3200	2600	400	250	540	22	3500	2040	3100
400/4000	4000	4000	3200	400	320	615	30	4300	2100	3500
400/6000	4000	6000	4700	500	320	615	30	6300	2420	3520
500/4000	5000	4000	3200	400	320	635	30	4300	2240	3510
500/6000	5000	6000	4800	400	320	635	30	6300	2240	3615

### Main Features:

- Back gauge and block control
- Control for general AC motors, frequency inverter
- Intelligent positioning
- Stock counter
- Holding/decompression time setting
- Program memory of up to 40 programs up to 25 steps per program
- One side positioning
- Retract function
- One key backup/restore of parameters
- mm/inch
- Chinese/English



PRESS BRAKE MACHINE IS WITH STANDARD TOOLING  
**Note: For special tooling it will be extra charge**

Display	160x160 LCD display
Power	24V±10%
Encoder Interface	
- Encoder frequency:	Max 100kHz
- Supply	12V±5%
- I <sub>max</sub>	150 mA
Input channel	
- Voltage	24V±10%
- i <sub>max</sub>	20 mA
Output channel	
- Voltage	24V±10%
- I <sub>max</sub>	70 mA
Environment	
- Operation temperature	0-40°C
- Storage temperature	20-55°C
- Relative humidity	30%-95%