

CNC press brake

HPB 3

with 3-axis CNC control



T e c h n i c a l D a t a s h e e t

Optional configuration:

- Several Cybelec control units
- Several Delem control units
- WILA manual crowning system
- WILA motor controlled crowning system
- X,R 2 axes back gauge
- 750 mm (30") or 1000 mm (39") travel- back gauge (X axis)
- AKAS Laser finger protection according to CE
- LaserSafe according to CE
- Hydraulic Promecam type top tool clamping system
- Additional Backgauge fingers
- Additional support arms
- WILA hydraulic or mechanic top tool clamping system
- WILA hydraulic or mechanic bottom tool clamping system
- Special stroke, Special throat
- Oil cooler



Standard configuration:

- ✓ Y1-, Y2-, X-axis
 - ✓ Delem DA-52 or Cybelec DNC 60 CNC control
 - ✓ Hydraulic system according to CE from Hörbiger or Rexroth
 - ✓ Electrical components from Siemens or Telemecanique
 - ✓ Foot switch
 - ✓ High Quality optic linear scale
 - ✓ Controlled back gauge on linear guides and ball screws
 - ✓ Movable sliding front support arm system
 - ✓ Back gauge with tolerance + 0.05mm (0.002")
 - ✓ Manual movable back gauge fingers along of bending length
 - ✓ Side protection covers
 - ✓ Quick clamping system for promecam type top tool
 - ✓ Top tools hardened, ground and segmented
 - ✓ Bottom tools hardened Multi V tool, grounded, and segmented
- 835 mm, 60x60 mm, 4V- 16/22/35/50 mm (2067)
(33": 2.4x2.4"; 4V- 0.6/0.9/1.4/2")

Technical specifications	HPB 3									
	2660	31135	31175	31220	31320	37175	41135	41400	61220	61400
Capacity, t	60 (66 USt)	135 (150 USt)	175 (190 USt)	220 (240 USt)	320 (350 USt)	175 (190 USt)	135 (150 USt)	400 (440 USt)	220 (240 USt)	400 (440 USt)
Working length, mm	2600 (102")	3100 (122")	3100 (122")	3100 (122")	3100 (122")	3700 (147")	4100 (161")	4100 (161")	6100 (240")	6100 (240")
Distance between columns, mm	2150 (85")	2600 (102")	2600 (102")	2600 (102")	2600 (102")	3200 (126")	3200 (126")	3200 (126")	5100 (200")	5100 (200")
Stroke length, mm	260 (10.2")	260 (10.2")	260 (10.2")	260 (10.2")	260 (10.2")	260 (10.2")	260 (10.2")	310 (12.2")	260 (10.2")	310 (12.2")
Backgauge stroke mm	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")	500 (19.7")
Machine length, mm	4150 (163")	4750 (187")	4750 (187")	4800 (189")	4850 (191")	5450 (215")	5850 (230")	5850 (230")	8000 (315")	8050 (317")
Machine height mm	2400 (95")	2500 (98")	2600 (102")	2730 (107")	2900 (114")	2800 (110")	2600 (102")	3100 (122")	3000 (118")	3650 (144")
Machine width, mm	2150 (85")	2500 (98")	2675 (105")	2700 (106")	2850 (112")	2675 (105")	2500 (98")	3050 (120")	3050 (120")	3050 (120")
Approach speed, mm / sec	120 (4.7"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	110 (4.3"/sec)	100 (3.9"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	90 (3.5"/sec)	110 (4.3"/sec)	90 (3.5"/sec)
Bending speed, mm / sec	10 (0.4"/sec)	10 (0.4"/sec)	10 (0.4"/sec)	10 (0.4"/sec)	9 (0.35"/sec)	10 (0.4"/sec)	10 (0.4"/sec)	8.5 (0.33"/sec)	10 (0.4"/sec)	8.5 (0.33"/sec)
Return speed, mm / sec.	120 (4.7"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	120 (4.7"/sec)	90 (3.5"/sec)	120 (4.7"/sec)	90 (3.5"/sec)
Motor power, kW	5.5 (7 Hp)	11 (15 Hp)	15 (20 Hp)	18.5 (25 Hp)	22 (30 Hp)	15 (20 Hp)	11 (15 Hp)	30 (40 Hp)	18.5 (25 Hp)	30 (40 Hp)
Weight, kg	5300 (11660 lbs)	7600 (16720 lbs)	8800 (19360 lbs)	10800 (24000 lbs)	14200 (31240 lbs)	9900 (22000 lbs)	9600 (21120 lbs)	20800 (45800 lbs)	24000 (52800 lbs)	34500 (75900 lbs)
Item-No.	9124015	9124016	9124017	9124018	9124019	9124020	9124021	9124022	9124023	9124024

*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.