

N-SERIES HYBRID DRIVE SYSTEM



WELDOR[®]

CNC MACHINES

www.weldorcncmahines.com

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The N - Series Hybrid Press Brake is an ideal compact press brake solution to produce small sheet metal components that demand a high degree of precision and speed. The key feature of the N - Series is its high-speed Hybrid Drive system. Main AC-servo motors with the Bi-Directional Pump allows it to reach high approach, pressing and return speeds that yield fast part cycle times and efficient production.

It consumes 50% less electricity than servo valve technology with induction motor, power is consumed only when you press the pedal. The oil tank is reduced up to 70% compared to the previous models to avoid oil heating. Noise-less operation helps improve efficiency from the operator.

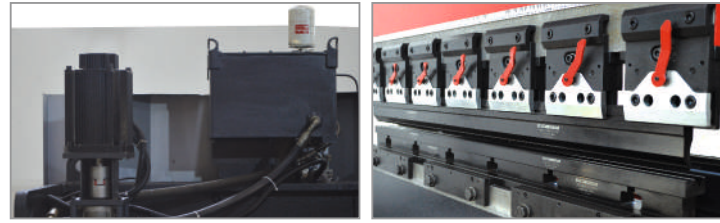
Options for increase in Axis and CNC system is available on specific request.



▲ Standard Controller
Cybelec 8PS

▲ Cybelec 12PS
Controller

▲ Cybelec 15PS
Controller



▲ Servo Hybrid Drive System

▲ Quick Change Adaptors



▲ CNC Auto
R-axis Optional

▲ X Axis with
Manual R Axis

▲ Anti-Twist with
Rack & Pinion

MODEL		HBD - N1	HBD - N2	HBD - N3	HBD - N4	HBD - N5	HBD - N6
BENDING FORCE	TON	25	25	30	40	50	60
BENDING LENGTH X THICKNESS	MM	1000 X 3.15	1250 X 2.5	1250 X 03	1250 X 04	1250 X 05	1250 X 06
FRAME GAP	MM	1000	1250	1250	1250	1250	1250
Y - APPROACH	MM/S	140	140	140	140	140	140
Y - PRESSING	MM/S	10	10	10	10	10	10
Y - RETURN	MM/S	140	140	140	140	140	140
DAYLIGHT	MM	375	375	375	375	375	375
STROKE	MM	150	150	150	150	150	150
TABLE WIDTH	MM	9	90	90	90	90	90
TABLE HEIGHT	MM	800	800	800	800	800	800
THROAT	MM	200	200	200	200	200	200
BACKGAUGE FINGER BLOCKS	NOS.	02	02	02	02	02	02
X - AXIS TRAE L	MM	500	500	500	500	500	500
R - AXIS TRAE L	MM	100	100	100	100	100	100
PEAK POWER	KW	03	03	4.4	05	05	05
OIL TANK	LTR	35	35	35	35	35	35
LENGTH	MM	1500	1850	1850	1850	1850	1850
WIDTH	MM	1200	1200	1200	1200	1200	1200
HEIGHT	MM	2200	2200	2200	2200	2200	2200

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