



BHAGWATI ENGINEERS

NUMERICAL CONTROL HYDRAULIC PRESS BRAKE

'ANASUYA' presents to you a range of most technically advanced N.C.hydraulic press brakes with all latest features as per international standards.



Features:

- » Low initial cost
- » Low tooling cost
- » Easy & Quick setting
- » Enormous versatility
- » Accurate repetition & bending
- » User friendly
- » Easy maintenance
- » Standard spares, hence easy availability



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The NC Hydraulic Press Brake is manufactured from the latest developed technology ensuring high level performance. The Hydraulic NC Press Brakes are well-placed in the international market.

Silent Features

- Suitable for complex job bending.
- Ram axis Y and back gauge axis X can be controlled.
- Bend angle & Depth mode programs.
- Highly precise Magnetic type press brake scale.
- Hardened & ground ball screw with linear motion bearings
- 128 x 16 bend program memory
- Automatic degree & back gauge position as per program

MACHINE CONFIGURATION:

SR. NO.	Tonnage	Table Length (mm)	Bending Capacity (Approx.)		Table width (mm)	Clear Pass (mm)	Ram Stroke (mm)	Open Height (mm)	Throat Depth	Approach Pressing Return (mm/sec)	Power (H.P.)	Packing Dimension (LxWxH)	Weight
1	30	2000	2x2000	3x1250	125	1550	100	250	200	7/30/1930	3	2200x1150x1900	2400
2	40	2500	2x2500	3x1500	180	2050	100	250	200	40-8-40	5	2700x1150x1900	3000
3	50	2000	3x2000	4x1500	180	1550	100	250	200	35-7-35	5	2200x1150x1900	3200
4	50	2500	2.5x2500	3x2000	180	2050	100	250	200	35-7-35	5	2700x1150x1900	3500
5	65	2500	3x2500	2.5x2500	180	2050	150	330	200	32-5-32	5	2700x1200x2000	3700
6	80	2500	4x2500	5x2000	180	2050	150	330	200	40-6-46	7.5	2700x1500x2300	4500
7	80	3000	3x3000	4x2500	180	2550	150	330	200	40-6-46	7.5	3350x1500x2300	5000
8	100	2500	5x2500	6x2000	180	2050	150	330	200	43-6-48	10	2700x1500x2300	5400
9	100	3000	4x3000	5x2500	180	2550	150	330	200	43-6-48	10	3350x1500x2300	6400
10	100	4000	3x4000	4x3000	180	3100	150	330	200	43-6-48	10	4250x1600x2300	8200
11	125	2500	6x2500	8x2000	230	2050	150	350	300	38-6-65	15	2750x1600x2500	6400
12	125	3000	5x3000	6x2500	230	2550	150	350	300	38-6-65	15	3350x1600x2500	7100
13	125	4000	4x3500	5x3000	230	3100	150	350	300	38-6-65	15	4250x1600x2500	9000





14	160	3000	6x3000	8x2500	230	2550	150	350	300	32-6-55	15	3350x18 00x2 600	8500
15	160	4000	5x4000	6x3000	230	3100	150	350	300	32-6-55	15	4350x18 00x2 600	10000
16	200	2500	10x2500	12x2000	230	2050	200	400	300	32-6-50	20	2850x19 00x2 600	8000
17	200	3000	8x3000	10x2500	230	2550	200	400	300	32-6-50	20	3350x20 50x2 750	9500
18	200	4000	6x4000	8x3000	230	3100	200	400	300	32-6-50	20	4350x20 50x2 750	11500
19	300	3000	12x3000	15x2500	300	2550	200	400	300	6/30/194 6	25	3350x21 50x2 900	13500
20	300	4000	10x3500	12x3000	300	3100	200	400	300	6/30/194 6	25	4350x21 50x2 900	17500
21	400	4000	12x4000	16x3000	300	3100	250	500	350	5/25/194 0	30	4250x22 00x3 000	20500
22	500	4000	15x4000	20x3000	300	3100	250	500	350	5/25/194 0	40	4500x22 00x3 200	27000

* ALL DIMENSIONS ARE IN MM. * WE RESERVE RIGHTS TO CHANGE THE DIMENSION OF MACHINE WITHOUT ANY PRIOR NOTICE

NC value addition

- Dedicated controller with LCD monochrome screen & numeric keypad.
- Manual, Auto & Program mode selection through screen.
- 128 programs X 16 bends per program can be stored.
- Stroke control and stroke counter on screen
- Highly Precise glass tube optical linear scale for accurate Y-axis positioning.
- Repetitive accuracy within $\pm 0.03\text{mm}$.
- Alarm, Fault & status pages to detect the problems.
- Password protected screen menus to safeguard program access.
- Various drive Interface like two-speed motor, stepper motor or AC Servo Motor.
- Hardened ground Ball screw and linear motion bearing for better position accuracy and longer life. Optional Timer belt drive.
- Various drive Interface like two-speed Main Drive Motor.
- Electrical control panel with selection of 'AUTO', 'INCH' & 'SINGLE CYCLE AUTO' mode operations.
- Movable work station with pair of foot switch.
- Pair of lifting links.
- Pair of sheet support.
- Fine stroke adjustment rod with limit switch.
- Manual back gauge with micro setting.
- One suitable five way die & Punch of
- EN-9** (unhardened and ungrounded)
- Centralized lubrication system with flow control valves for adequate lubrication.
- Ram tilting arrangement on selected models.



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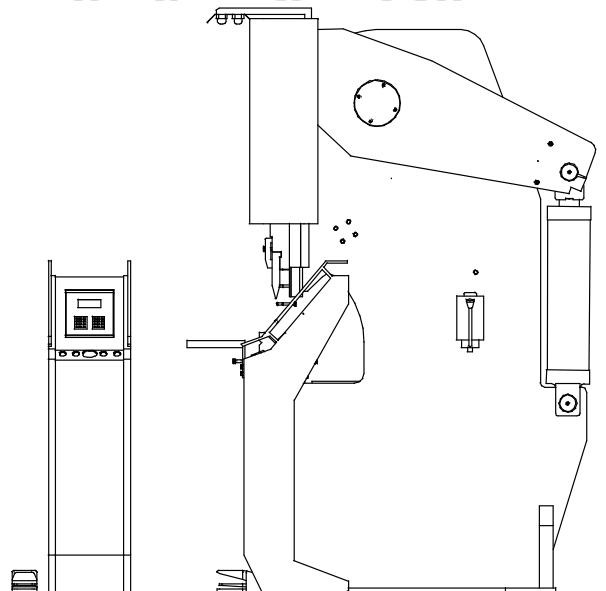
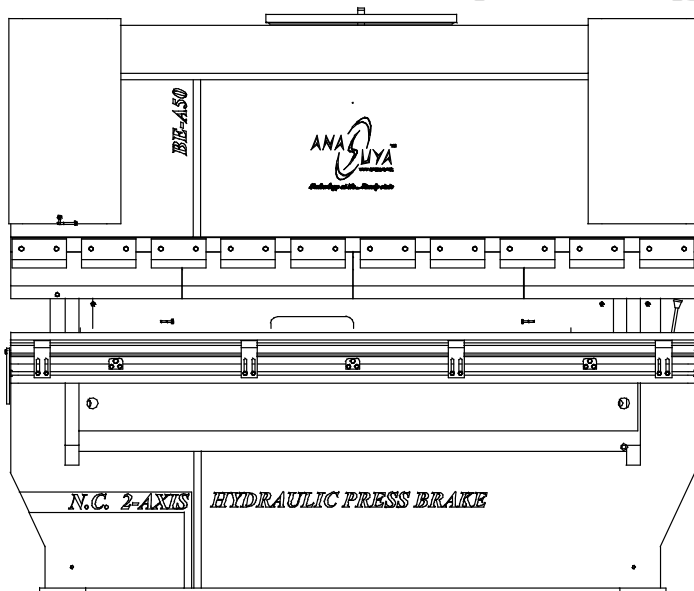
Standard Accessories

- Main Drive Motor.
- Selection of 'AUTO' & 'MANUAL' mode through screen.
- Two axis dedicated controller with LCD monochrome screen & numeric keypad.
- 128 jobs X 16 bends program memory.
- Movable work station with pair of foot switch.
- AC Servo motor with resolver for back gauge drive.
- Hardened & Grounded Ball screw.
- Linear motion bearing on guide rods.
- Highly precise glass tube optical linear scale for accurate Y-axis position.
- Pair of lifting links.
- Pair of sheet support.
- One suitable five way die & Punch of EN-9** (unhardened and ungrounded).
- Centralized lubrication system with flow control valves for adequate lubrication.
- Ram tilting arrangement on selected models.

Optional Accessories

- AC servo drives for R-axis & Z-axis control of back gauging.
- Anti deflection unit (Manual / Motorized / Automatic)
- Sliding sheet support with Swing away stoppers.
- Hardened tools & special tools.
- Hydraulic tool clamping.
- Photo electric fingers safety guard.
- Higher throat depth.
- Automatic lubrication system.
- Fast cycling models for high productivity.
- First fill of hydraulic oil.

- Fitted with 2 Axes NC controller i.e., provided with NC stroke & NC back gauge which offers better economy evers for multiple bend jobs. Setting for regular jobs can be stored in memory to save time. Allows air bending of different angles by memorizing stroke positions.
- Enables operator to bend jobs with 1 to 4 bends on each edge in one set up, reducing handling time, inventory of semi-finished jobs & work-in-progress costs.
- Offers reduced set-up, fastest stroke cycles for all jobs, minimizes the need to refer drawings for repeat runs.
- Back gauge retraction on pinch point.



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