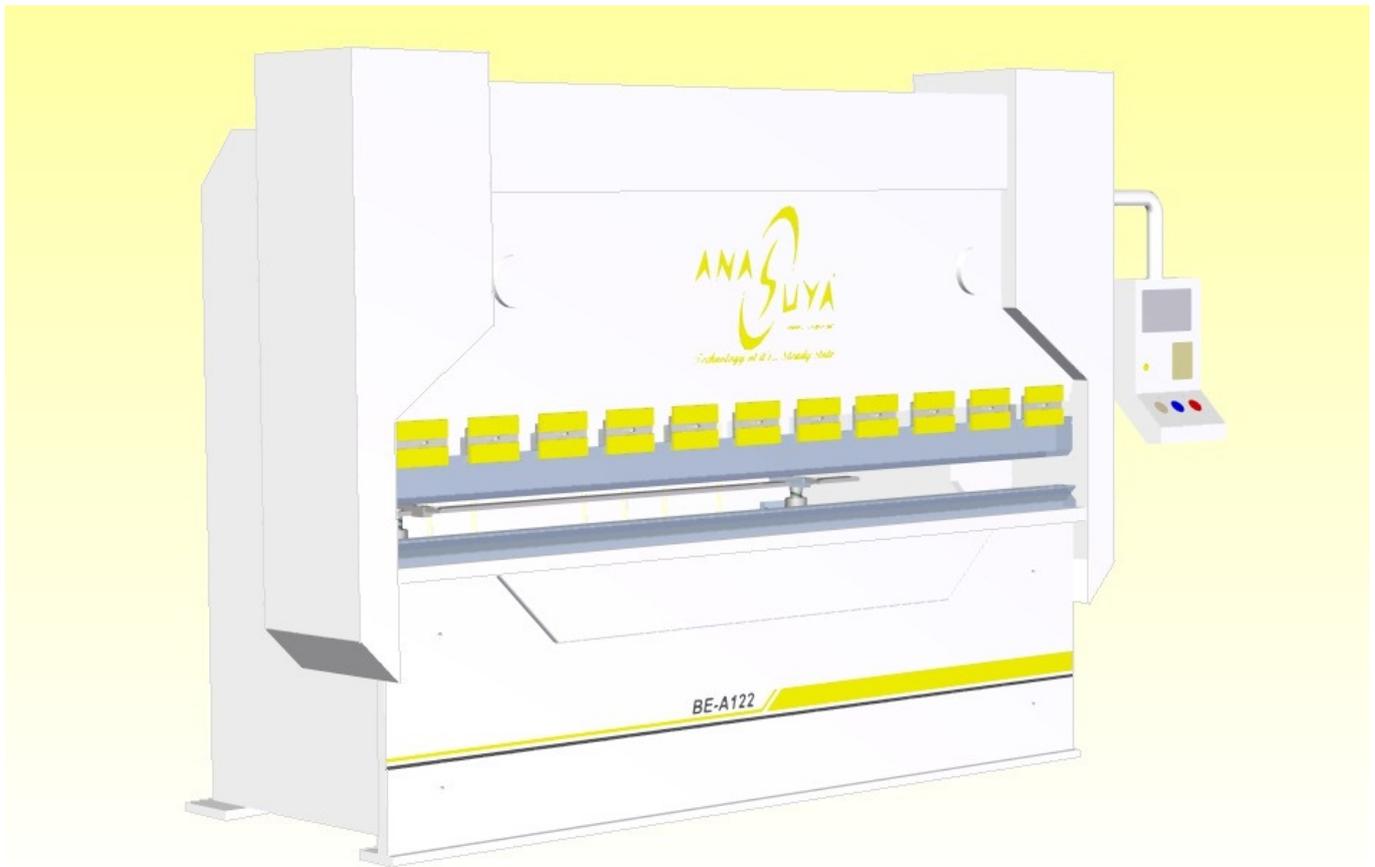


CNC Synchro Press Brake



'ANASUYA' presents to you a range of most technically advanced CNC SYNCHRO PRESS BRAKE 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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MACHINE CONFIGURATION:

| SR. NO. | Tonnage | Length | Clear Pass | Ram Stroke | Day Light | Thorat Depth | Approach Pressing Return (mm/sec) | Motor K.W.. | Weight kg |
|---------|---------|--------|------------|------------|-----------|--------------|-----------------------------------|-------------|-----------|
| 1 | 50 | 1500 | 1250 | 150 | 315 | 250 | 100-10-60 | 5.5 | 2900 |
| 2 | 80 | 2550 | 1550 | 150 | 375 | 250 | 100-10-80 | 7.5 | 6300 |
| 3 | 110 | 3100 | 2550 | 150 | 375 | 250 | 100-07-60 | 7.5 | 8200 |
| 4 | 150 | 3100 | 2550 | 175 | 400 | 300 | 100-07-70 | 11 | 10000 |
| 5 | 200 | 3100 | 2550 | 225 | 475 | 300 | 70-08-50 | 15 | 13000 |
| 6 | 200 | 4300 | 3100 | 225 | 475 | 300 | 70-08-50 | 15 | 15000 |
| 7 | 250 | 3100 | 2550 | 250 | 500 | 300 | 70-08-90 | 18.5 | 18500 |
| 8 | 250 | 4300 | 3100 | 250 | 500 | 350 | 70-08-90 | 18.5 | 22000 |
| 9 | 340 | 3100 | 2550 | 250 | 500 | 350 | 60-08-80 | 30 | 22500 |
| 10 | 450 | 5200 | 4300 | 300 | 550 | 400 | 50-07-50 | 30 | 32500 |
| 11 | 650 | 5200 | 4300 | 325 | 625 | 400 | 50-06-40 | 37 | 61000 |

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

Standard Accessories:

- » Y1-Y2 Cotrolled press beam.
- » Delem's DA 52s CNC Couloured controller
- » CNC AC Servo driven Back guage
- X-axis range 0-550mm with R & Z manual
- Two flip type backguage fingers
- » Manual Punch & Die Clamping
- » Two No.s front support arms
- » Side & Rear safety guards
- » Table with T-slots at rear and front side
- » Foot pedal control with emergency switch.
- » Electrical, mechanical & hydraulic safeties
- »One set of operational & maintenance manual.

Optional Accessories :

- » Additional C.N.C. X-R WITH Z-AXIS ON LM guide ways Operated back guage,
- » Hardened tools & special toolings .
- » CNC Controllers: DA56s, DA65w DA66T, DA69T.
- » Higher throat depth
- » Anti Deflection System with manual or CNC system
- »Special Toolings & Custom Toolings as per customer's requirement.
- » First fill of hydraulic oil

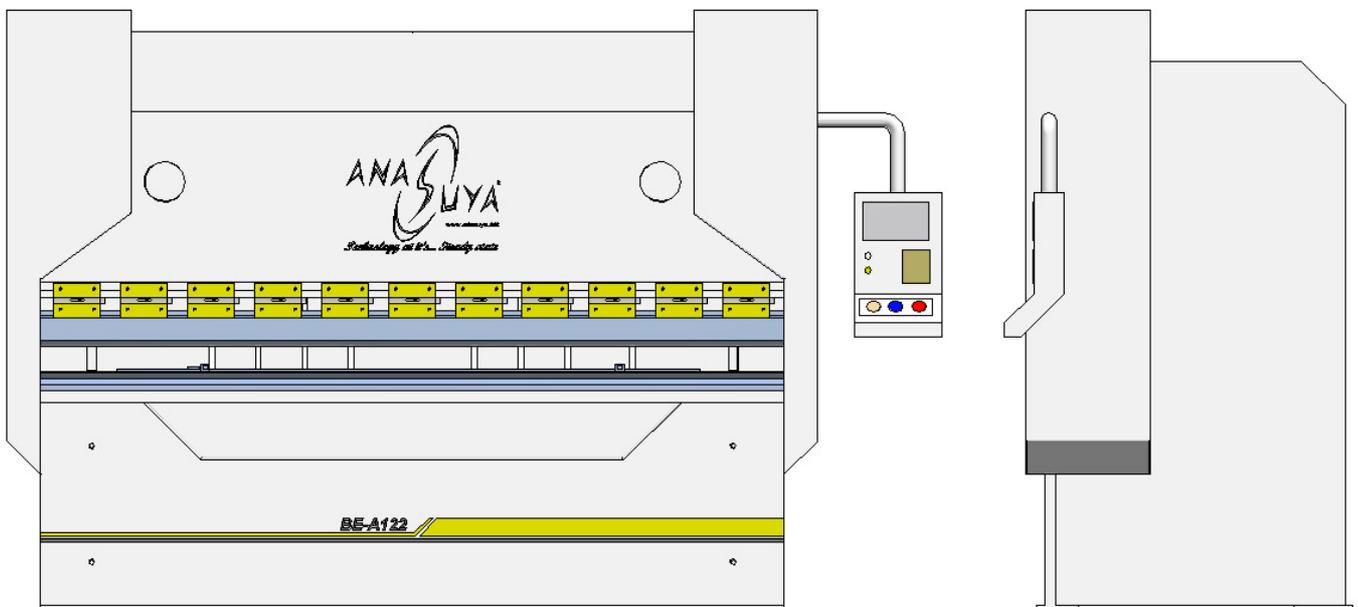




ANASUYA CNC Press Brake has a solid and rigid frame designed ensuring minimum deflection even during full load operation., Design is based on Synchronized bed reference principle (SBR) with Y1-Y2 beam control. The position of the press beam is continuously monitored by measuring system. The measuring system consists of linear glass scales mounted on separate sub "C" frame fixed on the lower machine beam. The electronic scales are fixed on either side of the press beam, providing a continuous feedback to the CNC unit regarding actual position of the press beam, with respect to the table. Machine offers press beam depth accuracy of ± 0.01 mm with high repeatability. The parallelism between press beam and table is maintained with electronic measuring system Y1-Y2. Machine is with direct-angle programming feature. Also is ideal for multiple - angle bending in a particular profile. With Y1-Y2 control the press beam can be used with eccentric load, while bending short length jobs off center of the machine. This is without affecting quality or accuracy of machine. Due to use of proportional Hydraulics, the exact force required for the job is calculated by the controller is exerted thereby resulting in the power saving

Press beam tilting is available upto ± 10 mm for the machine tonnage upto 110 ton and above 150 ton will be with ± 2 mm as standard features. Machine structure parts are machined in single set up ensuring very high accuracy on parallelism between top beam & lower table over the entire bed length and high perpendicularity accuracy over the entire stroke length on upper beam movement with respect to the table length. Machine is designed & manufactured to ensure very precise backgauge setting through out the length across the backgauge beam. Machine offers vibration force movement throughout the stroke length, even at extended dwell time and increased / reduced speeds. Machine can be adapted to different type of tool design

MACHINE DIAGRAM



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