

ANGEL PRESS BRAKE 100 TON



In a normal press brake, the slide stroke can be set to stop for one time, which wastes time during the processing of complex workpieces. However, the Angel hydraulic press brake features a programmable slide stroke to stop at any time, thereby increasing the processing efficiency and making this equipment ideal for factories requiring mass production to obtain a significant financial return in a small amount of time.

The overall machine structure is made of a high-performance carbon steel that has undergone a stress relieving treatment, with a maximum pressure capacity of up to 100 tons to ensure our press brakes feature a high accuracy and strength, even under long term heavy loads. A special mark line bending function ensures our press brake finds the marking line quickly and accurately, and thus, improving the processing efficiency.

If you need CNC press brake for mass bending parts, Angel India ANRG is an ideal choice as we not only provide high quality products, but professional technology and thoughtful, comprehensive services.

Product Details

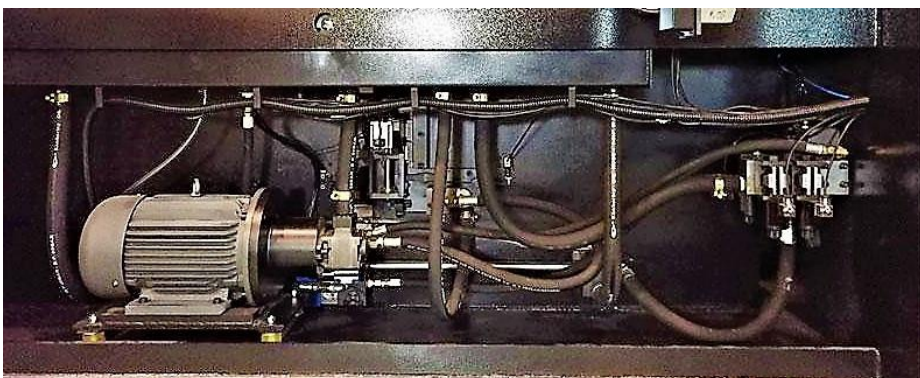
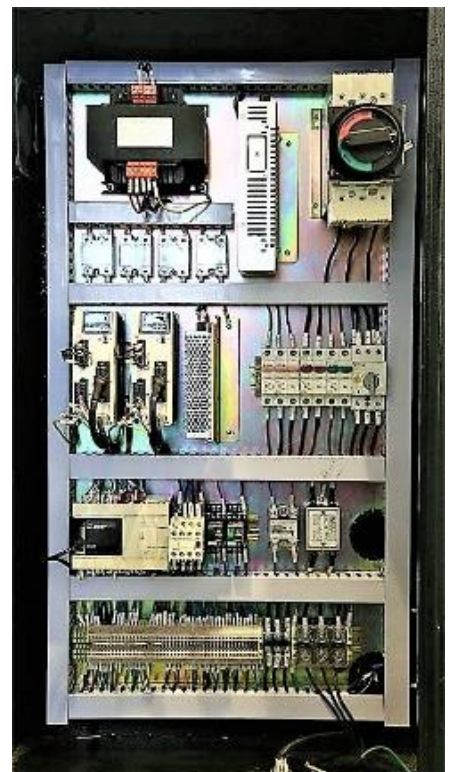
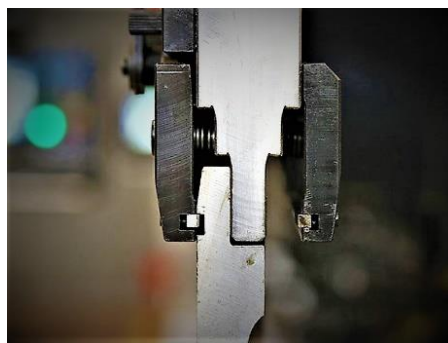
- The overall machine structure is a high-performance carbon steel with rust resistant paint, giving the press brakes a high strength and long service life.
- All major components have been subjected to stress relieving treatment.
- The slide stroke can be manually set for a single time.
- With the use of a forced synchronization system, parallelism is maintained between the ram and the work table to effectively guarantee the bending accuracy.

- The hydraulic circuit is simple and easy to maintain.
- A rolling guide is used to keep the operation process flexible and decrease noise emissions.
- The servo driven back gauge finger is CNC controlled, ensuring the metal bending machine has a fast response and positioning.
- The CNC controller's rotating arm ensures a flexible operation as it rotates freely in the operation area.

Operating Features

- Users can choose their language on the 10-inch LCD colour touch screen.
- Data variable adjustments are completed via a manual hand wheel or keyboard input.
- The calculation system is used to calculate the co-ordinates of the D axis, L axis, clamp point and bending angle.
- The computer is equipped with an online assistance system to guide operation, prompt faults, and guide simple maintenance.
- The back-gauge finger features a programmable retraction function to process complex units.
- Sound prompting and indicator light flashing activate when the sheet panel is positioned in place.
- The bottom time delay and clamping delay are set to ensure the bending process is smoother.
- Low speed bending technology is used to protect the workpiece bending surface and prevent accidents caused by the bending process.

Accessories



Machine Specifications

| Type | | 1003 II |
|--|---------|--------------|
| Pressure Capacity | | 1000KN |
| Bending Length | | 3100mm |
| Length of Stroke | | 100mm |
| Number of Oil Tank | | 3 |
| Maximum Pressure | | 33.8Mpa |
| Speed | Rise | 37-47mm/sec |
| | Bend | 7.5-10mm/sec |
| | Descend | 47-66mm/sec |
| Motor Power | | 7.5kw |
| Oil Tank Capacity | | 65L |
| Weight | | 6400kg |
| Outside Width of Frame | | 3000 |
| Inside Width of Frame | | 2550 |
| Throat Depth | | 405 |
| Distance between Upper and Lower Worktable | | 250 |
| Daylight Opening | | 370 |
| Height of Lower Worktable | | 1030 |
| Total Height | | 2421 |
| Side Plate Height | | 2106 |
| Machine Width | | 3340 |
| Total Width | | 4210 |
| Total Depth | | 1436 |