

PRESS BRAKE



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

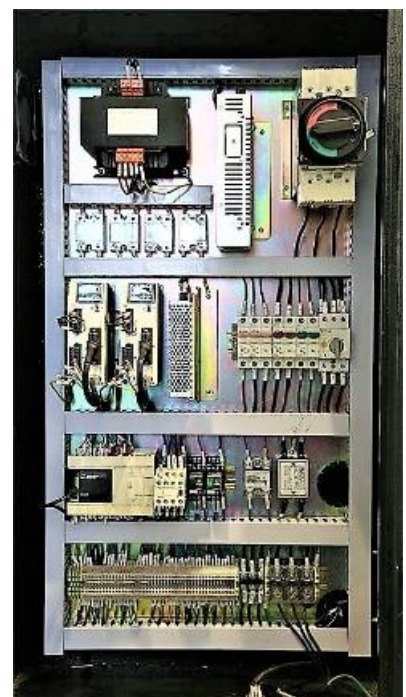
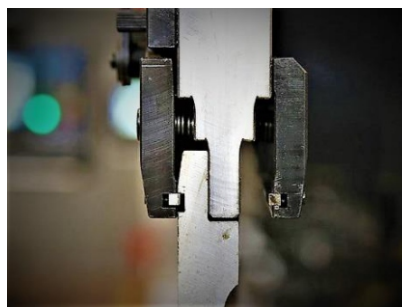
- The overall machine structure is a high-performance carbon steel with rust resistant paint, giving the press brakes a high strength and long service life.
- All major components have been subjected to stress relieving treatment.
- The slide stroke can be manually set for a single time.
- With the use 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	03512 II	0520 II	1030 II	
Pressure Capacity	350KN	500KN	1000KN	
Bending Length	1200mm	2000mm	3100mm	
Length of Stroke	100mm	100mm	100mm	
Number of Oil Tank	1	1	3	
Maximum Pressure	28.66Mpa	28.3Mpa	33.8Mpa	
Speed	Rise	37-47mm/sec	37-47mm/sec	37-47mm/sec
	Bend	7.5-10mm/sec	7.5-9.2mm/sec	7.5-10mm/sec
	Descend	47-66mm/sec	47-66mm/sec	47-66mm/sec
Motor Power	3kw	4kw	7.5kw	
Oil Tank Capacity	27L	44L	65L	
Weight	2200kg	3450kg	6400kg	
Outside Width of Frame	1200	2000	3000	
Inside Width of Frame	1020	1720	2550	
Throat Depth	200	405	405	
Distance between Upper and Lower Worktable	250	250	250	
Daylight Opening	370	370	370	
Height of Lower Worktable	990	941	1030	
Total Height	2070	2100	2421	
Side Plate Height	1780	1783	2106	
Machine Width	1423	2192	3340	
Total Width	2220	3140	4210	
Total Depth	1020	1315	1436	