

primeline



HYDRAULIC PRESS BRAKES

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PRIMELINE Model CEPB Hydraulic Press Brakes are designed for moderately heavy and comparatively short bending requirements. Other press brakes have two bending-length capacities: overall and between housings.

However, on the Model CEPB the two are the same, so bending length is not limited for some applications to the pass-through distance between housings, as it is on other press brakes. Therefore there is no need to pay the extra cost of a longer brake to get the pass-through capacity that is required. On the Model CEPB, power to the ram is supplied by a single hydraulic cylinder, so ram parallelity during descent and return is assured; therefore there is no need for the complex components which are used on other-type press brakes to assure ram alignment and which increase cost.

Two auxiliary cylinders are used for guiding the ram. With this system, gibs and other costly and maintenance-intensive guiding systems are eliminated.

The frames of each machine are constructed of structural steel and plate weldments so that the result is a dynamically solid and highly stable unit. The standard beds are larger front-to-back than on other press brakes, allowing the use not only of conventional press brake dies, but also other bending, punching, parting, straightening and similar tooling. The beds on CEPB Models have a slot for the die tang and threaded holes to facilitate positioning of tooling. All models are equipped as standard with stepless pressure and stroke adjustments. Internationally recognized sources are used for electrical and hydraulic components. Power is supplied by an amply-sized central hydraulic system with controls. Operation is by two-hand control, mounted on a console on a trailing lead. Check valves protect the hydraulic system against overload. An emergency stop control is standard. A 39" manual or power back gauge is optional for all models. Electrics are 3/60/220 or 3/60/440, with low voltage at the control. Special electrics are available according to customer requirements. The machines are CE certified for meeting rigid standards of design, production and quality.

Even with all the features and advantages of these press brakes, the prices are not only competitive, they stand alone.



Technical Data	Unit of Measure	CEPB-3-110	CEPB-3-165	CEPB-5-110	CEPB-5-165
Capacity	Tons	110	165	110	165
Maximum Pressure	PSI	3813	3538	3813	3538
Bending Length	In.	40	40	60	60
Distance Between Frames	In.	40	40	60	60
Max. Die Space - Ram up, Bed down	In.	15.3	11.8	15.3	11.8
Maximum Stroke	In.	11.8	11.8	11.8	11.8
Ram Speeds - Approach	In./Min.	19	21	19	21
- Bend	In./Min.	12	12	12	12
- Return	In./Min.	24	24	24	24
Bed Size - Front-Back x Left-Right	In.	19.7 x 40	23.6 x 40	19.7 x 60	23.6 x 60
Hole in Bed, Diameter	In.	3.9	3.9	3.9	3.9
Motor	HP	10	14	10	14
Dimensions, L x W x H	In.	85 x 55 x 89	85 x 55 x 92	105 x 55 x 89	105 x 55 x 92
Weight	Lbs.	6300	7040	7260	7920

Many specifications can be modified on request; additional cost may apply. All data are approximate; and data and design are subject to correction or change without prior notice. **Optional equipment:** Backgauge - manual, rear-operated or power, front-operated with a range of 39", Digital Readout.



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