

## Press Brakes



The PB-2160 CNC Press brake has a Bending Force of 60 Tons with an overall Bending Length of 2100 mm. The Beam's stroke is 220 mm and when at the top dead position has a Vertical Daylight of 440 mm and Throat Depth of 250 mm. Movements are high speed with the Approach Speed being 185 mm per second, Bending Speed is 10 mm per second, and the Return Speed is 180 mm per second. There is a standard Back Gauge that is CNC controlled in the X-Axis that has travel of 400 mm which also defines the Z-Axes. There is also manually controlled R Axis that has travel of 200 mm. The motor is 5 kW and can be powered by 220 or 400V power. Both 50 Hz and 60 Hz Models are available. Overall machine dimensions consist of the Length(L) being 2900 mm, Width(W) being 1650 mm, and Height(H) being 2650 mm. The Weight of the machine is 5200 Kg.

The PB-2160 features a CNC Control Unit Cybelec Cybtouch 8, Euro Top Tool Clamping System, Light Curtain Laser Safety System with Safety PLC, Standard Back Gauge with Servo Motorized & Ball screw System, Back Gauge profile Double Guide Fingers, Control Arms, Led Illumination, Sliding Front Arms, Side Safety Covers, Top Tool European Punch Tool with a working height of 67.6 mm,  $\alpha=75^\circ$ , a Radius 0.8 mm, and a Bottom European Type Multi-Vee Tool with a Height of 60 mm and  $\alpha=85^\circ$ . Both tools are made from C45 Material and are designed for a max load of 800 kN per square meter.

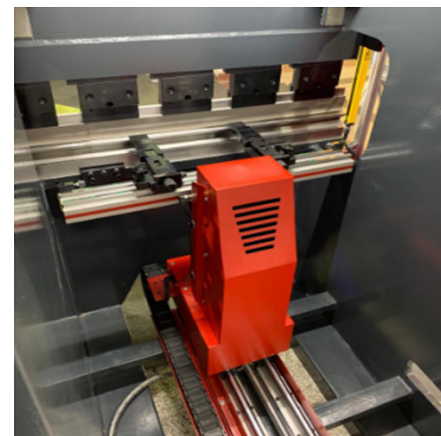
### PB-2160

#### Technical Specifications

Force (Tons)	60
Bending Length	2100
Stroke (mm)	220
Day Light (mm)	440
Throat Depth (mm)	250
Approach Speed (mm/sec)	185
Bending Speed (mm/sec)	10
Return Speed (mm/sec)	180
Axes	Y1 & Y2
Axis X	400
Height (mm)	2650
Length (mm)	2900
Width (mm)	1650
Motor (kW)	7.5
Weight (kg)	5200

#### Features

- Cybelec CybTouch PS CNC Control Unit
- Euro Top Tool Clamping System
- T-grooves
- Top Tool European Punch Tool
- Bottom European Type Multi-Vee Tool
- Both tools are made from C45 Material
- Control Arms
- Working height of 67.6 mm,  $\alpha=75^\circ$
- Radius 0.8 mm
- Built in Europe
- CE Certified



#### Optional Accessories

- Safety Laser Kit MSD 1 point laser
- Crowning - Manual
- Crowning - CNC
- Quick Release Clamping
- Mobile Foot Pedal
- CybTouch 12 Inch 2D Colour Graphic
- CybTouch 15 Inch 2D Colour Graphic
- X Axis Servo Motor Drive / PLC upgrade
- Finger Blocks (Std.) Add. (each one)
- Dual Voltage 220/460V