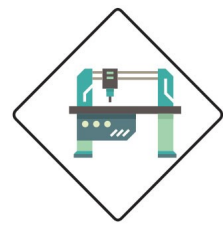


Mechanical / Pneumatic Press Brake



Frames : Frame is of robust steel construction of rigid and interlocked design. It is strain-free and supports the Ram and Bed against undesired deflection under permissible load condition.

RAM And BED : Made from Steel Plates of suitable thickness. Machines for straightness and parallelism of the working surface. Ram is guided and supported throughout the stroke by accurately machines guideways.

Drive System : Power is transmitted to the Ram through two individual Gear drives for uniform load distribution throughout the length. This also reduces the torsional stresses on the eccentric shaft electric motor used is of sufficient H.P. Which reduces slowdown of flywheel and increases energy available per stroke. The Gear and pinion are made out of carbon/alloy steel.

RAM Adjustment : Motorised Ram adjustment through a simple drive mechanism facilitates quick bending angle adjustment is made simple by incorporating a spring loaded dog clutch.

Clutch and Brake : All series of Press are provided with high torque low-inertia Friction Clutch, Synchronised with heavy duty mechanical Brake ensuring immediate braking of Ram on releasing the pedal. Clutch operating levers are designed in such a way that minimum, engaging force is required of the pedal.

Standard Accessories ➤ Foot pedal and Die Block Lifting Link, Fly Wheel and Gear Guard, Self Lubrication System, Motor Pully, Standard "V" Block and Punch, Motor Mounting Bracket.

SPECIFICATION

Model	Tone	Bending Cap. in MS Length-X Thickness	Clearance Between Housings	Stroke Per Minute	Stroke of Ram M.M	Ram Adj. M.M	Shut Height Ram Stroke	Depth of Throat M.M	Main Motor HP/ KW	RAM Adj. Ele. Motor HP/KW	Overall Dimension in M.M		
											Length	Width	Height
PPB-1	20	1525X1.6	1000	35	50	40	175	200	3/2.2	0.5/0.37	2000	1125	2300
PPB-2	25	2000X1.6	1220	35	50	40	200	200	5/3.7	0.5/0.37	2300	1200	2500
PPB-3	40	2500x2	1550	35	60	50	215	250	7.5/5.6	1/0.75	2800	1500	2650
PPB-4	65	3125x2.5	1900	30	76	50	275	300	10/7.6	1.5/1.1	3400	1575	2750
PPB-5	65	2000x4	1370	30	76	63	275	300	10/7.6	1.5/1.1	2400	1575	2750
PPB-6	80	2500x4	1550	25	76	63	300	300	12.5/9.7	2/1.5	2900	1650	3025
PPB-7	100	3125x4	1900	25	76	80	300	300	15/11.2	2/1.5	3450	1875	3525
PPB-8	120	2500x6	1700	25	76	80	300	300	20/15	2/1.5	2900	1900	3550
PPB-9	150	2500x8	1700	20	80	100	300	300	25/18.7	2/1.5	3400	1900	3550
PPB-10	150	3125X6	1900	20	80	100	300	300	25/18.7	2/1.5	3400	1950	3650

