

Press Brake Machines

Hydraulic Press Brake Machine

Model No: DI-088

Accessories

Standard Accessories – Hydraulic

- Main Drive Motor.
- Electrical control panel with selection of 'AUTO', 'INCH' & 'SINGLE CYCLE AUTO' mode operations.
- Movable work station with pair of foot switch.
- Pair of lifting links.
- Pair of sheet support.
- Fine stroke adjustment rod with limit switch.
- Manual back gauge with micro setting.
- One suitable five way die & Punch of EN-9** (unhardened and ungrounded)
- Centralized lubrication system with flow control valves for adequate lubrication.
- Ram tilting arrangement on selected models.

Standard Accessories – NC Control

- Main Drive Motor.
- Selection of 'AUTO' & 'MANUAL' mode through screen.
- Two axis dedicated controller with LCD monochrome screen & numeric keypad.
- 128 jobs X 16 bends program memory.
- Movable work station with pair of foot switch.
- AC Servo motor with resolver for back gauge drive.
- Hardened & Grounded Ball screw.
- Linear motion bearing on guide rods.
- Highly precise glass tube optical linear scale for accurate Y-axis position.
- Pair of lifting links.
- Pair of sheet support.
- One suitable five way die & Punch of EN-9** (unhardened and ungrounded).
- Centralized lubrication system with flow control valves for adequate lubrication.
- Ram tilting arrangement on selected models.

Optional Accessories

- (Hy. Shearing machine without NC)
- AC servo drives for R-axis & Z-axis control of back gauging.
- Anti deflection unit (Manual / Motorized / Automatic)
- Sliding sheet support with Swing away stoppers.
- Hardened tools & special tools.**
- Hydraulic tool clamping.
- Photo electric fingers safety guard.
- Higher throat depth.
- Automatic lubrication system.
- Fast cycling models for high productivity.
- First fill of hydraulic oil.



Features

- The Stable robust welded steel frame made of ultrasonically tested IS 2062 plates as per guidelines of IMTMA Standards.
- Fast approach & fast return speed to save cycle time, slow pressing speed for better stroke control & bending accuracy, ensures high productivity.
- Compact Cylinders & low pressure system due to rear cylinders.
- Better rigidity & load carrying capacity against fatigue failure.
- Positive synchronisation of cylinders with welded torque tube.
- Moving work station with ON/OFF Controls, Emergency push button & selector for Manual, Semi-Auto & Automatic mode for easy operation & Safety.
- Better Safety for operator & machine.
- Low power consumption.
- NC upgradation available.
- Low Noise & Smooth Operation give higher efficiency of operator.

Technical Specifications

MODEL	Tonnage Table Length		Bending Capacity		Table Width	Clear Pass	Ram Stroke	Open Height	Throat Depth	Approach Pressing Return Speed	Power	Packing Dimensions
	in MT	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm		HP	(LxWxH)
DI-136A	20	1500	1.6×1500	2×1250	125	1050	100	250	100	35-9-35	3	1700x1050x1900
DI-136B	30	2000	2×2000	3×1250	125	1550	100	250	200	30-7-40	3	2200x1150x1900
DI-136C	40	2000	2.5×2000	3×1500	180	1550	100	250	200	40-6-45	5	2200x1150x1800
DI-136D	40	2500	2×2500	3×1500	180	2050	100	250	200	40-6-45	5	2700x1150x1900
DI-136E	40	3000	1.6×3000	3×1500	180	2550	100	250	200	40-6-45	5	3200x150x2000
DI-136F	50	1500	4×1500	5×1250	180	1050	100	250	200	35-6-40	5	1700x1150x1900
DI-136I	50	2000	3×2000	4×1500	180	1550	100	250	200	35-6-40	5	2200x1150x1900
DI-136J	50	2500	2.5×2500	3×2000	180	2050	100	250	200	35-6-40	5	2700x1150x1900
DI-136K	50	3000	2×3000	2.5×2500	180	2550	100	250	200	35-6-40	5	3200x1150x2000
DI-136L	50	4000	1.6×4000	2×3000	180	3100	100	250	200	35-6-40	5	4200x1250x2300
DI-136M	65	2500	3×2500	4×2000	180	2050	150	330	200	35-5-40	5	2700x1200x2000
DI-136N	65	3000	2.5×3000	3×2500	180	2550	150	330	200	35-5-40	5	3200x1200x2000
DI-136O	65	4000	2×4000	2.5×3000	180	3100	150	330	200	35-5-40	5	4200x1250x2400
DI-136P	80	2000	5×2000	6×1500	180	5100	150	330	200	40-6-45	7.5	2200x1550x2100
DI-136Q	80	2500	4×2500	5×2000	180	2050	150	330	200	40-6-45	7.5	2700x1550x2300
DI-136R	80	3000	3×3000	4×2500	180	2550	150	330	200	40-6-45	7.5	3250x1550x2300
DI-136S	80	4000	2.5×4000	3×3000	180	3100	150	330	200	40-6-45	7.5	4250x1650x2500
DI-136T	80	5000	2×5000	2.5×4000	180	4100	150	330	200	40-6-45	7.5	5300x1650x2700
DI-136U	80	6000	1.6×6000	2×5000	180	5100	150	330	200	40-6-45	7.5	6300x1750x2800
DI-136V	100	2500	5×2500	6×2000	180	2050	150	330	200	43-6-48	10	2700x1550x2300
DI-136W	100	3000	4×3000	5×2500	180	2550	150	330	200	43-6-48	10	3250x1550x2300
DI-136X	100	4000	3×4000	4×3000	180	3100	150	330	200	43-6-48	10	4250x1650x2500
DI-136Y	100	5000	2.5×5000	3×4000	180	4100	150	330	200	43-6-48	10	5300x1700x2800
DI-136Z	100	6000	2×6000	2.5×5000	180	5100	150	330	200	43-6-48	10	6300x1750x2900
DI-136AA	125	2500	6×2500	8×2000	230	2050	150	350	300	40-6-50	15	2750x1650x2700
DI-136AB	125	3000	5×3000	6×2500	230	2550	150	350	300	40-6-50	15	3250x1650x2500
DI-136AC	125	4000	4×3500	5×3000	230	3100	150	350	300	40-6-50	15	4250x1650x2600
DI-136AD	125	5000	3×5000	4×4000	230	4100	150	350	300	40-6-50	15	5300x1750x2900
DI-136AE	125	6000	2.5×6000	3×5000	230	5100	150	350	300	40-6-50	15	6300x1800x3000
DI-136AF	160	2500	8×2500	10×2000	230	2050	150	350	300	35-6-45	15	2750x1800x2500
DI-136AG	160	3000	6×3000	8×2500	230	2550	150	350	300	35-6-45	15	3250x1800x2600
DI-136AH	160	4000	5×4000	6×3000	230	3100	150	350	300	35-6-45	15	4300x1800x2700
DI-136AI	160	5000	4×5000	5×4000	230	4100	150	350	300	35-6-45	15	5300x1850x3000
DI-136AJ	160	6000	3×6000	4×5000	230	5100	150	350	300	35-6-45	15	6300x1900x3200
DI-136AK	200	2500	10×2500	12×2000	230	2050	200	400	300	35-6-48	20	2850x1900x2600
DI-136AL	200	3000	8×3000	10×2500	230	2550	200	400	300	35-6-48	20	3350x2050x2750
DI-136AM	200	4000	6×4000	8×3000	230	3100	200	400	300	35-6-48	20	4350x2050x2800
DI-136AN	200	5000	5×5000	6×4000	230	4100	200	400	300	35-6-48	20	5350x2100x3100
DI-136AO	200	6000	4×6000	5×5000	230	5100	200	400	300	35-6-48	20	6350x2200x3500
DI-136AP	250	3000	10×3000	12×2500	300	2550	200	400	300	30-5-40	20	3350x2100x2800
DI-136AQ	250	4000	8×4000	10×3000	300	3100	200	400	300	30-5-40	20	4350x2100x2900
DI-136AR	250	5000	6×5000	5×4000	300	4100	200	400	300	30-5-40	20	5350x2150x3200
DI-136AS	250	6000	5×6000	6×5000	300	5100	200	400	300	30-5-40	20	6350x2250x3600
DI-136AT	300	3000	12×3000	15×2500	300	2550	200	400	300	30-5-40	25	3350x2150x2900
DI-136AU	300	4000	10×3500	12×3000	300	3100	200	400	300	30-5-40	25	4350x2150x2900
DI-136AV	300	5000	7×5000	9×4000	300	4100	200	400	300	30-5-40	25	5350x2200x3400
DI-136AW	300	6000	6×6000	7×5000	300	5100	200	400	300	30-5-40	25	6350x2300x3800
DI-136AX	400	3000	16×3000	20×2500	300	2550	250	500	350	25-5-30	30	3350x2200x3000
DI-136AY	400	4000	12×4000	16×3000	300	3100	250	500	350	25-5-30	30	4350x2200x3000
DI-136AZ	400	5000	10×5000	12×4000	300	4100	250	500	350	25-5-30	30	5350x2250x3600
DI-136BA	400	6000	8×6000	10×5000	300	5100	250	500	350	25-5-30	30	6350x2350x4000
DI-136BB	500	3000	20×3000	25×2500	300	2550	250	500	350	25-5-30	40	3350x2200x3200
DI-136BC	500	4000	15×4000	20×3000	300	3100	250	500	350	25-5-30	40	4500x2200x3300
DI-136BD	500	5000	14×5000	15×4000	300	4100	250	500	350	25-5-30	40	5350x2400x3900
DI-136BE	500	6000	11×6000	14×5000	300	5100	250	500	350	25-5-30	40	6350x2500x4250
DI-136BF	600	3000	25×3000	30×2500	300	2550	250	500	350	25-5-30	50	3350x2200x3300
DI-136BG	600	4000	18×4000	25×3000	300	3100	250	500	350	25-5-30	50	4500x2200x3500
DI-136BH	600	5000	15×5000	18×4000	300	4100	250	500	350	25-5-30	50	5350x2300x3700
DI-136BI	600	6000	12×6000	15×5000	300	5100	250	500	350	25-5-30	50	6350x2600x4350