

## Press Brake Machines

### CNC Press Brake (Efficient Series)

**Model No: DI-089**



## Accessories

### Standard Accessories With CNC Press Brake

- Main Drive Motor.
- Selection of Auto, Manual & Adjust mode.
- HMI with 5.7" LCD, monochrome screen & numeric keypad.
- Proportional hydraulics for Y1, Y2 axis.
- Individual linear encoder for Y1 & Y2 for precise synchronization of beam movement.
- AC Servo motor with resolver for back gauge drive.
- Hardened & Grounded Ball screw.
- Linear motion bearing on guide rods.
- One suitable five way, hardened & grounded die and punch\*
- Manual anti deflection unit.
- Pair of sheet support.
- Movable work station with pair of foot switch.

## Features

### Sailent Features Of CNC Press Brake

- 3 Axis machine (Y1-Y2 & X Axis) with automatic, accurate & fast back gauge.
- Designed to meet precise bending requirement with low investment
- Use friendly and uncompromised quality with cost effectively solutions.
- S525 press brake controller from ESA Italy or equivalent.
- Ultrasonically tested IS 2062 grade robust steel structure.
- Back gauge assembly included Ball Screw AC Servo Drive
- LM GuidesS Timer Belt.
- Multi "V" 4 way hardened & grounded segmented indigenous die & Punch.
- Quick release clamps.
- Front Sliding Sheet Support with LM guide for easy movement.
- Multi Step back gauge fingers mounted on pair of LM Guides.
- Rigid upper beam guide on 8 -point roller bearings
- Optional upgradation for two axis back gauge & crowning.
- Adoptabilty of Various types of tools & special bending needs.
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- Optional Features
- Higher versions of controllers.
- Manual or automatic new standard premium crowning from WILA Netherlands or equivalent
- Additional Z-Axis
- Multi- axes back gauge.
- Laser safety guard
- Hydraulic Tool Clamping.
- Special stroke and throat depth for deep bending
- Special Toolings.

## Technical Specifications

| Model    | Tonnage MT | Table Size (in mm) |           | Working Height of Table (in mm) | Clear Pass (in mm) | Ram Stroke (in mm) | Open Height (in mm) | Closed Height (in mm) | Throat Depth (in mm) | RAM speeds Mm/sec. Approach Pressing Return | Motor HP | RAM speeds Mm/sec. Length x Width x Height (in mm) |
|----------|------------|--------------------|-----------|---------------------------------|--------------------|--------------------|---------------------|-----------------------|----------------------|---------------------------------------------|----------|----------------------------------------------------|
| DI-137A  | 30         | 125X1500           | 2X1500    | 900                             | 1050               | 100                | 250                 | 150                   | 200                  | 100 7 80                                    | 3        | 1750x1050x1900                                     |
| DI-137B  | 30         | 125X2000           | 2X2000    | 900                             | 1550               | 100                | 250                 | 150                   | 200                  | 100 7 80                                    | 3        | 2200x1150x1900                                     |
| DI-137C  | 40         | 180X1500           | 3X1500    | 900                             | 1050               | 100                | 250                 | 150                   | 200                  | 100 7 80                                    | 5        | 1700x1275x2300                                     |
| DI-137D  | 40         | 180x2000           | 3X3000    | 900                             | 1550               | 100                | 250                 | 150                   | 200                  | 80 6 70                                     | 5        | 2200x1150x1900                                     |
| DI-137E  | 50         | 180x2000           | 3X2000    | 900                             | 1550               | 100                | 250                 | 150                   | 200                  | 80 6 70                                     | 5        | 2700x1150x1900                                     |
| DI-137F  | 50         | 180x2500           | 2.5X2500  | 900                             | 2050               | 100                | 250                 | 150                   | 200                  | 80 6 70                                     | 5        | 2700x1150x1900                                     |
| DI-137G  | 65         | 170x2500           | 3.15X2500 | 900                             | 2050               | 150                | 330                 | 180                   | 200                  | 100 7 80                                    | 5        | 2700x1450x2050                                     |
| DI-137H  | 80         | 180x3000           | 3X3000    | 900                             | 2500               | 150                | 350                 | 200                   | 200                  | 100 7 80                                    | 7.5      | 3750x1650x2650                                     |
| DI-137I  | 80         | 180X4000           | 2.5X4000  | 900                             | 3100               | 150                | 350                 | 200                   | 200                  | 100 7 80                                    | 7.5      | 4750x1800x2800                                     |
| DI-137J  | 100        | 180x2500           | 5X2500    | 900                             | 2000               | 150                | 350                 | 200                   | 200                  | 100 7 80                                    | 10       | 3250x1650x2700                                     |
| DI-137K  | 100        | 180x3000           | 4x3000    | 900                             | 2500               | 150                | 350                 | 200                   | 200                  | 100 7 80                                    | 10       | 3750x1700x2800                                     |
| DI-137L  | 100        | 180X4000           | 3X4000    | 900                             | 3100               | 150                | 350                 | 200                   | 200                  | 100 7 80                                    | 10       | 4750x1850x300                                      |
| DI-137M  | 125        | 230X2500           | 6X2500    | 900                             | 3100               | 150                | 350                 | 200                   | 300                  | 100 6 80                                    | 10       | 3750x1700x2850                                     |
| DI-137N  | 125        | 220x3000           | 5x3000    | 900                             | 2500               | 200                | 410                 | 210                   | 300                  | 100 6 80                                    | 10       | 3750x1700x2850                                     |
| DI-137O  | 125        | 220x4000           | 4x4000    | 900                             | 3100               | 200                | 410                 | 210                   | 300                  | 100 6 80                                    | 15       | 4800x1800x3000                                     |
| DI-137P  | 160        | 220x2500           | 8X2500    | 1000                            | 2050               | 150                | 350                 | 200                   | 300                  | 100 7 80                                    | 15       | 2750x1800x2600                                     |
| DI-137Q  | 160        | 220x3000           | 6X3000    | 1000                            | 2500               | 200                | 410                 | 210                   | 300                  | 100 7 80                                    | 15       | 3750x1800x2900                                     |
| DI-137R  | 160        | 220x4000           | 5X4000    | 1000                            | 3100               | 200                | 410                 | 210                   | 300                  | 100 7 80                                    | 15       | 4800x1900x3200                                     |
| DI-137S  | 160        | 220x5000           | 4X4000    | 1000                            | 4100               | 200                | 410                 | 210                   | 300                  | 100 7 80                                    | 15       | 5750x2100x3400                                     |
| DI-137T  | 200        | 220x2500           | 10X2500   | 900                             | 2000               | 200                | 410                 | 210                   | 300                  | 100 6 80                                    | 20       | 3800x1900x3000                                     |
| DI-137U  | 200        | 220x3000           | 8X3000    | 900                             | 2500               | 200                | 410                 | 210                   | 300                  | 100 6 80                                    | 20       | 3800x1900x3000                                     |
| DI-137V  | 200        | 220x4000           | 6X4000    | 900                             | 3100               | 200                | 410                 | 210                   | 300                  | 100 6 80                                    | 20       | 4800x2000x3250                                     |
| DI-137W  | 200        | 220x5000           | 6X5000    | 900                             | 4100               | 200                | 410                 | 210                   | 300                  | 100 6 80                                    | 20       | 5750x2200x3500                                     |
| DI-137X  | 250        | 300x3000           | 10X3000   | 1000                            | 2500               | 200                | 410                 | 210                   | 300                  | 80 6 80                                     | 25       | 3800x2000x3100                                     |
| DI-137Y  | 250        | 300x4000           | 8X4000    | 1000                            | 3100               | 200                | 410                 | 210                   | 300                  | 80 6 80                                     | 25       | 4800x2050x3250                                     |
| DI-137Z  | 250        | 300x5000           | 6X5000    | 1000                            | 4100               | 200                | 410                 | 210                   | 300                  | 80 6 80                                     | 25       | 5750x2250x3700                                     |
| DI-137AA | 300        | 300x2500           | 15X2500   | 1000                            | 2050               | 250                | 500                 | 250                   | 300                  | 80 5.5 80                                   | 25       | 3850x2050x3200                                     |
| DI-137AB | 300        | 300x3000           | 15X3000   | 1000                            | 2100               | 250                | 500                 | 250                   | 300                  | 80 5.5 80                                   | 25       | 3850x2050x3200                                     |
| DI-137AC | 300        | 300x4000           | 10X4000   | 1000                            | 3100               | 250                | 500                 | 250                   | 300                  | 80 5.5 80                                   | 25       | 4850x2100x3400                                     |
| DI-137AD | 300        | 300x5000           | 8X5000    | 1000                            | 4100               | 250                | 500                 | 250                   | 300                  | 80 5.5 80                                   | 25       | 5750x2300x3900                                     |
| DI-137AF | 300        | 300x6000           | 6X6000    | 1000                            | 5100               | 200                | 500                 | 250                   | 300                  | 80 5.5 80                                   | 25       | 6750x2400x4000                                     |
| DI-137AG | 400        | 300x3000           | 16X3000   | 1000                            | 2500               | 300                | 600                 | 300                   | 350                  | 75 5 80                                     | 30       | 8850x2100x3400                                     |
| DI-137AH | 400        | 300x4000           | 12X4000   | 1000                            | 3100               | 300                | 600                 | 300                   | 350                  | 75 5 80                                     | 30       | 4850x2200x3600                                     |
| DI-137AI | 400        | 300x5000           | 10X5000   | 1000                            | 4100               | 300                | 600                 | 300                   | 350                  | 75 5 80                                     | 30       | 5750x2400x4100                                     |
| DI-137AJ | 400        | 300x6000           | 10X6000   | 1000                            | 5100               | 300                | 600                 | 300                   | 350                  | 75 5 80                                     | 30       | 6750x2500x4200                                     |
| DI-137AK | 500        | 300x4000           | 20X3000   | 1000                            | 2100               | 300                | 600                 | 300                   | 350                  | 100 6 100                                   | 40       | 3500x2200x3200                                     |
| DI-137AL | 500        | 300x4000           | 16X4000   | 1000                            | 3100               | 300                | 600                 | 300                   | 350                  | 100 6 100                                   | 40       | 4900x2300x3900                                     |
| DI-137AM | 500        | 300x5000           | 12X5000   | 1000                            | 4100               | 300                | 600                 | 300                   | 350                  | 100 6 100                                   | 40       | 6000x2400x4100                                     |
| DI-137AN | 500        | 300x6000           | 10X6000   | 1000                            | 5100               | 300                | 600                 | 300                   | 350                  | 100 6 100                                   | 40       | 7000x2500x4500                                     |