

HYDRAULIC PRESS BRAKE MPE 160X3100 IMAC BY BIPRESS



MPE Series CNC Pressbrake

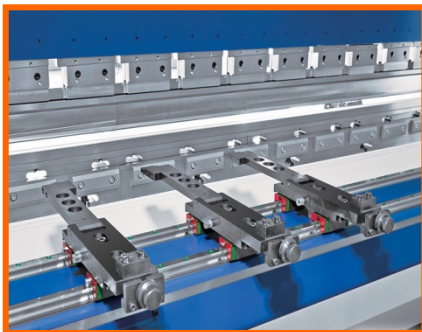
Standard configuration:

- CNC controller is Delem DA56, Holland. (DELEM DA66T OPTION).
- Hydraulic system is from HOERBIGER, Germany, a full loop electric hydraulic proportional servo control. Complete set means that pressure valves block, synchronizing valves block, (prefill valves block are all imported), oil pump is VOITH/ECKERLE (110T), Germany.
- Worktable is equipped with automatic CNC controller controlled hydraulic crowning system.
- Supplying one set of European type mechanical fast clamp for machine 80-250T, die installation is 2-V+T slot quick change type (including one set standard tooling).
- Supplying two fixed front sheet support (can be moved leftward and rightward by the screws with standard distance).
- Supplying two sides door-type safety guard and rear safety guard with rear door; equipped with inside and outside main oil cylinder covers and covers for front and back crowning oil cylinder.
- Machine paint is polyurethane paint, principle color: main body is black and covers are red.
- Supplying often-use internal hexagonal key spanner for adjusting tools.



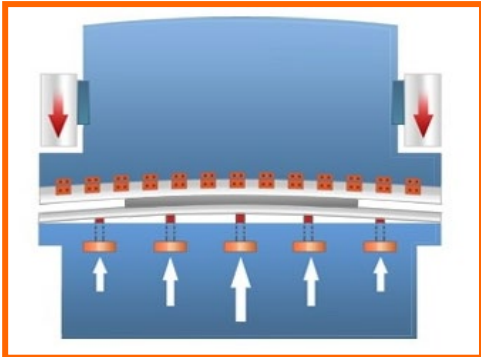
CNC DELEM DA66T.

The DA-66T offers 2D programming that includes **automatic bend sequence calculation** and **collision detection**. Full 3D machine set-up with multiple tool stations giving true feedback on the product feasibility and handling.



2 axis backgauge (X, R).

X axis moves front and rear. R axis moves up and down.



Dynamic crowning.

Crowning compensation system on the worktable for full precision on the entire length of the worktable.



2-V quick change bottom die.

2-V+T slot quick change type. Fast change of the tool and fast production.



SPECIFICATIONS:

Parameter	Unit	MPE 160x3100
Bending force	KN	1600
Bending length	mm	4100
Dist. between side-frames	mm	3600
Throat	mm	410
Daylight	mm	520
Stroke	mm	215
Main cylinders		2
Crowning cylinders		5
Approach speed	mm/s	160
Bending speed	mm/s	11
Return speed	mm/s	140
Power of main motor	kW	15
Oil quantity	L	380
<u>Backgauge</u>		
Reach X	mm	1000
Speed X	mm/s	400
Repeatability X	mm	±0.03
Reach R	mm	200
Speed R	mm/s	200
Repeatability R	mm	±0.05
Overall dimension(LxWxH)	mm	3630x1600x2670
Weight	kg	10500