

JAS-ANZ



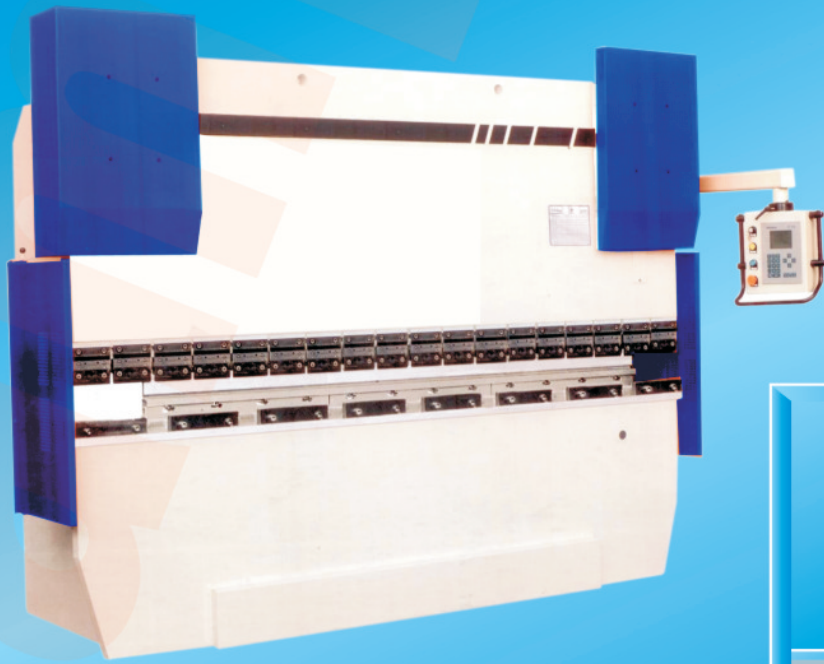
ISO 9001:2008



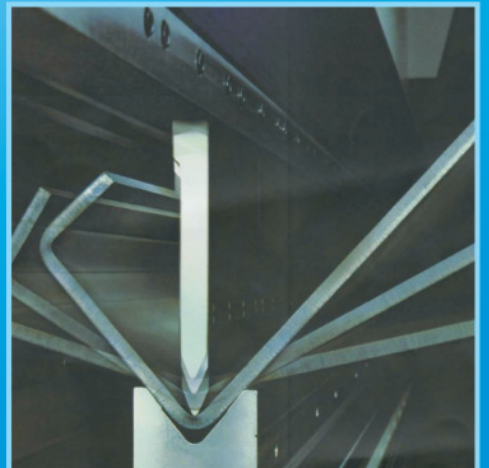
MonoTech

ENGINEERS PVT. LTD.

(An ISO 9001:2008 Certified Company)



CNC Hydraulic Press Brake



Your Trust is our Success

Delem a known name for dedicated Press Brake CNC controllers through its continuous development & up gradations offers from basic 4 axis to new generation DA Touch controls.



DA52s

Compact 4 axis coloured system with all common bending parameters. Angle programming of the Y axis, crowning function and pressure control are standard.



Da56s

Window based system to control up to 5 axis compact 2D graphical product & tool design with simulated bend sequence on screen with machine & tools in real scale.

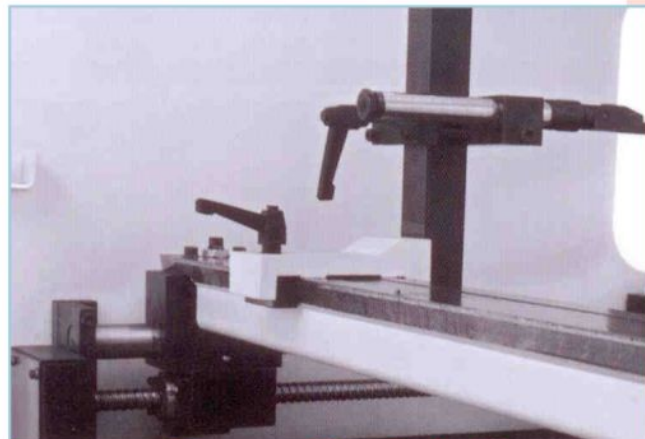
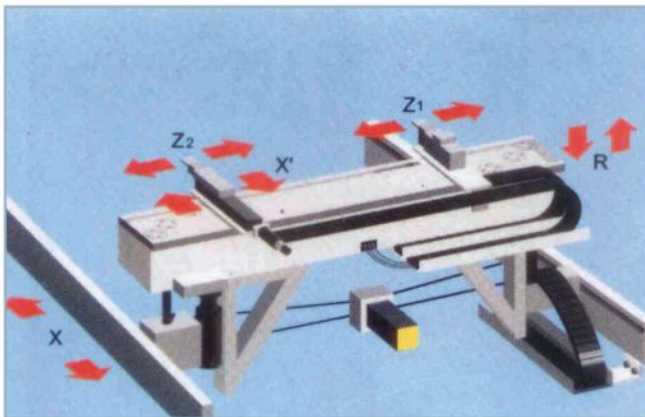


DA65w

Window based 2D graphical with automatic bend sequence calculation & collision detection. Delem Modusys concept enables to add any number of axes.



ESA S 530 Controller



AC servo X-axis dual ball screw Backgauge

AUTOMATIZATION

Optional CNC axis of Gauge CNC press brake

1. Backgauge position (X-axis)
2. Backgauge vertical adjustment (R-axis)
3. Finger block transverse adjustment (Z-axis)
4. CNC crowning on the table (V-axis)
5. Each finger block X-way movement (X-axis)
(Upto pressing force 2500 KN)

Depend on the help of our company, you will get the most suitable configure for you demand.

CNC Hydraulic Press Brake series is designed and developed for accurate and cost effective bendings solutions



Compact and reliable hydraulic system

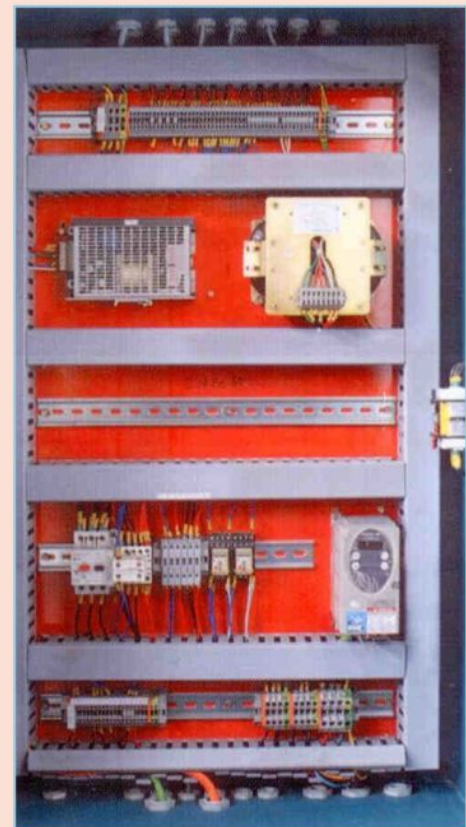
1. Down stroke press beam working
2. Rigidly welded steel frame ensuring minimum deflection under load
3. Full electronic synchronization with proportional valve technology to ensure contact monitoring and correction of beam & parallelism through CNC system
4. Very precise stroke depth adjustment to an accuracy of 0.01mm
5. Off center bending without any damage to guiding system
6. Adaptability to modular tooling system and application friendly narrow table
7. Safety regulation as per industrial norms

SCOPE OF SUPPLY

1. Basic machine is complete with all electrical & hydraulic safeties.
2. CNC controller - ESA Italian make
3. AC servo Backgauge with dual ball screw drive (range 0-550mm)
4. 2 nos pedestals with flip-up fingers
5. Punch adaptor
6. Die adaptor for 2 v die
7. 2 nos front support arms
8. Side & rear guard for safety compliance
9. Foot pedal

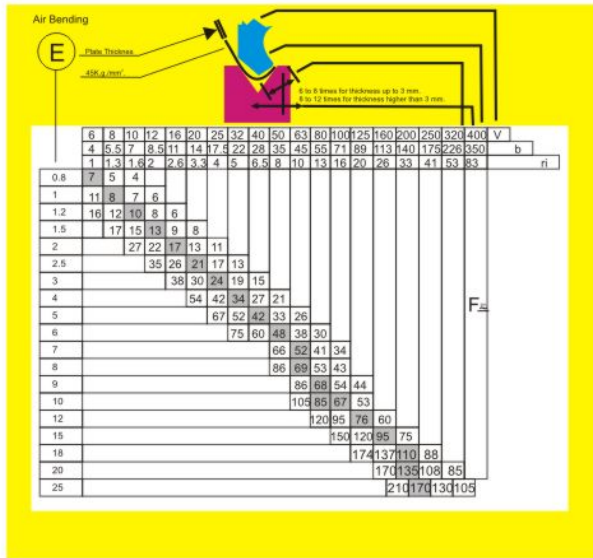
OPTIONAL ACCESSORIES

1. Manual Anti Deflection System
2. Additional Backgauge pedestals.
3. Wider table
4. First fill of Hydraulic oil
5. Toolings as per application requirements.

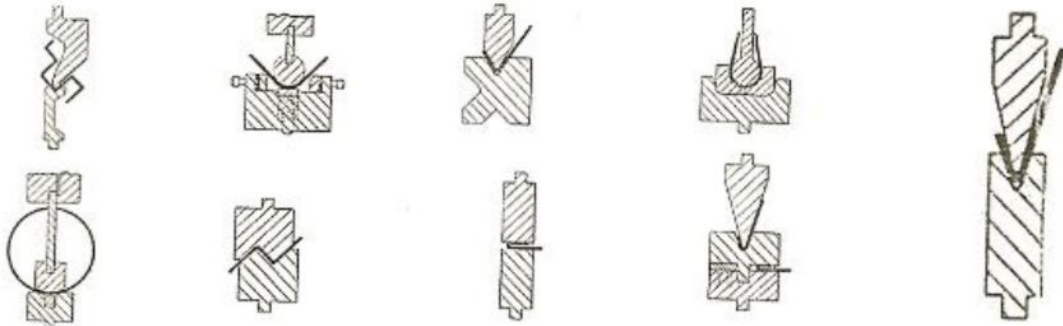


Simple & easy to maintain

PRESS BRAKE BENDING CHART



SEVERAL TYPES OF DIES USED ON PRESS BRAKES FOR FORMING ANGLES



Mechanical Press Brakes

TECHNICAL DATA	Model	MMPB-1	MMPB-2	MMPB-3	MMPB-4	MMPB-5	MMPB-6
Capacity	Tones	25	40	80	120	160	200
Overall die Space (Length X Width)	mm	1750X80	2000X100	3050X120	3050X160	3200X160	3200X160
Clear distance between housing	mm	1330	1525	1982	2600	2600	2600
Bending capacity between housing	mm	2.5X1330	3X1525	6X1800	6X2550	8X2550	10X2550
Strokes/minimum	-	40	40	35	30	30	25
Standard stroke	mm	63	63	70	80	80	100
Ram adjustment	mm	50	60	76	125	125	125
Shut height(Ram down adj. up)	mm	(manual) 200	(manual) 200	(motorised) 305	(motorised) 315	(motorised) 350	(motorised) 400
Depth of throat	mm	200	200	213	250	250	315
Clutch type			Mechanical friction clutch			Pneumatic clutch	
Flywheel energy	mkg	1250	1250	5000	6500	12500	20000
Motor main	HP/rpm	5/1440	5/1440	10/1440	15/1440	25/1440	30/1440
Motor (Ram adj.)	-	-	-	2/960	2/960	3/960	3/960
Net Weight (App.)	Kg	2750	3500	7500	11000	16000	18000



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Metal Working Machines, Hydraulic Machines, Material Handling Equipments.

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