

NEW

CNC PRESS BRAKE

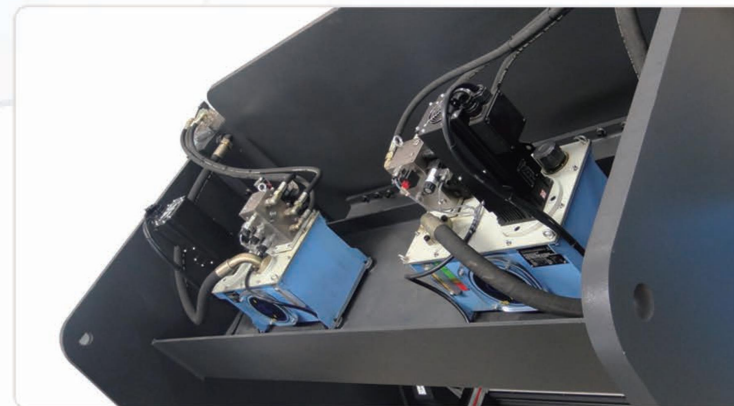
- Overall welded and processed structure.
- Closed loop control mode composed of electric-hydraulic servo valve and measure ruler.
- Ensure the highest control precision, bending accuracy and repositioning accuracy are also reach to the highest level.
- Back gauge mechanism can be multi-axes controlled.
- Integrated hydraulic system decreases the pipe connections, oil leakage, and increases the stability and overall beautifies.
- Worktable equipped with hydraulic and mechanical compensation to avoid the deformed upper beam from affecting the quality of the work piece, it is automatically adjusted by the CNC controller with convenient and accuracy.
- CNC controller normally uses Holland DELEM, Italy ESA, Switzerland CYBELEC, all with multi-languages.



• Traditional CNC Press Brake



• Single Servo CNC Press Brake



• Double Servo CNC Press Brake

CONTROLLERS



CAUNUS 3100B

Processor main frequency 600MHz, storage capacity 100m
7" LCD TFT display, 800x480 resolution
Embedded ARM processor, high-performance DSP
Linux operating system
Up to 4 axes(Y1,Y2,X,R,W)
32-way switching input and output, 2 USB interfaces, 1 RS232, 1 Network Port
Advanced Y-axis control algorithms for closed

loop as well as open loop valves, control accuracy is up to $\pm 0.01\text{mm}$
Supporting free bending, bottom bending, flat bending and large arc bending
Supporting hydraulic compensation or mechanical compensation
Rich mould library, up to 30 sets up punch and 30 sets lower die
One page programming, parameters automatic calculation, include bending pressure, deflection compensation, unloading distance, etc.
Bending angle self-learning correction database
Data backup and recovery controls



DA-53T(DELEM)

"Hot-key" touch navigation
10.1" high resolution colour TFT
Up to 4 axes (Y1,Y2 + 2 aux. axes)
Crowning control
Tool / material / product library
Servo and frequency inverter control
Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
TandemLink (option)
USB memory stick interfacing
Profile-T offline software



DA-58T(DELEM)

2D graphical touch screen programming
15" high resolution colour TFT
Bend sequence calculation
Crowning control
Servo and frequency inverter control
Advanced Y-axis control algorithms for closed-loop as well as open-loop valves
USB, peripheral interfacing
Profile-T offline software



DA-66T(DELEM)

2D graphical touch screen programming mode
3D visualisation in simulation and production
17" high resolution colour TFT
Full Windows application suite
Delem Modusys compatibility (module scalability and adaptivity)
USB, peripheral interfacing
User specific application support within the controllers multitasking environment
Sensor bending & correction interface
Profile-TL offline software



DA-69T(DELEM)

3D and 2D graphical touch screen programming mode
3D visualisation in simulation and production
17" high resolution colour TFT
Full Windows application suite
Delem Modusys compatibility (module scalability and adaptivity)
USB, peripheral interfacing
User specific application support within the controllers multitasking environment
Sensor bending & correction interface
Profile-T3D offline software



CT8(CYBELEC)

Large,vivid and high-contrast fully touchscreen
Large variety of languages available
Various automatic calculations of bend functions
Bending sequences and programs can be memorized
Angle,pressure and crowning management
Controls 3 axes(with optional 4th axis)
2D graphic profile creation with manual sequencing(option)
Bend allowance calculation
Pressure-crowning calculation
Modular tools for each part or bend
Angle and back gauge correction



CT12(CYBELEC)

Large,vivid and high-contrast fully touchscreen
Large variety of languages available
Various automatic calculations of bend functions
Bending sequences and programs can be memorized
Angle,pressure and crowning management
Controls 4 axes
Automatic bend sequencing(option)
Bend allowance calculation
Pressure-crowning calculation
Angle and back gauge correction



Standard main parts

PARTS NAME	BRAND	BRAND LOCATION
Main motor	Siemens	Germany
Servo motor and drive	Estun	Nanjing China
Electrics	Schneider	France
Seal ring	FIETZ/Nok	Germany/Japan
Hydraulic valve	Rexroth	BOSCH Germany
Pump	Rexroth	BOSCH Germany
Controller DA52S	DELEM	Holland
Pipe connector	EMB	Germany
Ball screw	Hiwin	Taiwan
Guide rail	Hiwin	Taiwan
Grating ruler	Fagor	Spain
Standard axes		X,Y1,Y2+V
Stop finger with linear guide		YES
Front and back protection		YES



PARTS options



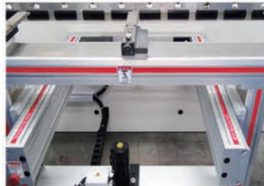
Japan KYOKKO Fast Clamps



Hydraulic Clamping System (China)



Hydraulic Clamping System(WILA)



Boke Backgauge



Multi Axes Backgauge



Front Feeding System

CE options



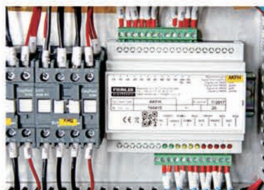
SDKELI



FIESSLER



DSP



FIESSLER PLC



Light Beam



Monitoring Valve

Technical parameters

Model	Normal Force (KN)	Bending Length (mm)	Poles Distance (mm)	Throat Depth (mm)	Stroke (mm)	Max. Opening (mm)	Main Power (KW)	X-travel (mm)	Weight (KG)	Dimension L×W×H(mm)	Compensation
40T2200	400	2200	1700	380	150	350	5.5	500	4500	2500×1350×2000	Hydraulic Compensation
63T2500	630	2500	2000	400	150	380	5.5	500	5800	3100×1450×2300	
100T3200	1000	3200	2700	400	200	450	7.5	500	8500	3500×1580×2500	
100T4000	1000	4000	2700	400	200	450	7.5	500	9500	4500×1600×2500	
125T3200	1250	3200	2700	400	200	450	11	500	9500	3500×1580×2500	
125T4000	1250	4000	3500	400	200	450	11	500	11000	4500×1700×2800	
160T3200	1600	3200	2700	400	200	450	11	500	11000	3500×1650×2600	
160T4000	1600	4000	3500	400	200	450	11	500	12500	4500×1700×2800	
200T3200	2000	3200	2700	400	200	450	15	500	14000	3500×1680×2700	
200T4000	2000	4000	3500	400	200	450	15	500	13000	4500×1700×2800	
250T3200	2500	3200	2700	400	200	450	15	500	15500	3500×1700×2760	Motorized Compensation
250T4000	2500	4000	3500	400	200	450	15	500	18000	4500×1800×2800	
300T3200	3000	3200	2700	400	300	500	22	500	16800	3500×1800×2900	
300T4000	3000	4000	3500	400	300	500	22	500	19000	4500×2100×3000	
400T4000	4000	4000	3100	400	300	600	30	500	31000	4500×2450×3500	
500T6000	5000	6000	4900	500	300	600	37	800	53000	6500×2810×4500	
600T6000	6000	6000	4900	500	300	600	45	800	68000	6500×2910×5100	
800T6000	8000	6000	4720	600	400	800	55	800	90000	6500×2950×5300	
800T8000	8000	8000	5900	600	400	800	55	800	120000	8500×2950×5900	
1000T6000	10000	6000	4900	600	400	800	2×37	800	100000	6500×3000×5600	
1000T8000	10000	8000	6900	600	400	800	2×37	800	130000	8500×3000×6100	Motorized Compensation
1000T10000	10000	10000	8000	600	400	800	2×37	800	150000	10500×3000×5850	
1200T6000	12000	6000	4220	700	400	800	2×45	1000	130000	6500×3100×5850	
1200T7000	12000	7000	5220	700	400	800	2×45	1000	160000	8500×3100×7150	
1600T6000	16000	6000	4900	700	400	800	2×55	1000	150000	6500×3300×6500	
1600T7000	16000	7000	5900	700	400	800	2×55	1000	170000	7200×3300×7000	
1600T8000	16000	8000	6900	700	400	800	2×55	1000	190000	8500×3300×8000	
1600T10000	16000	10000	8000	700	400	800	2×55	1000	210000	10500×3300×8000	
2000T8000	20000	8000	6200	700	400	800	2×75	1000	260000	8500×3500×8000	
2000T10000	20000	10000	8000	700	400	800	2×75	1000	290000	10500×3500×8300	
2000T12000	20000	12000	9050	700	400	800	2×75	1000	320000	12500×3500×8300	Motorized Compensation
2000T14000	20000	14000	11000	700	400	800	2×75	1000	350000	14500×3500×8300	
3000T8000	30000	8000	6200	700	400	800	2×75	1000	/	8500×3700×8600	
3000T10000	30000	10000	8000	700	400	800	2×75	1000	/	10500×3700×8600	
3000T12000	30000	12000	9050	700	400	800	2×75	1000	/	12500×3700×8600	Motorized Compensation
3000T14000	30000	14000	11000	700	400	800	2×75	1000	/	14500×3700×8600	

Sorry no notice if parameter change!