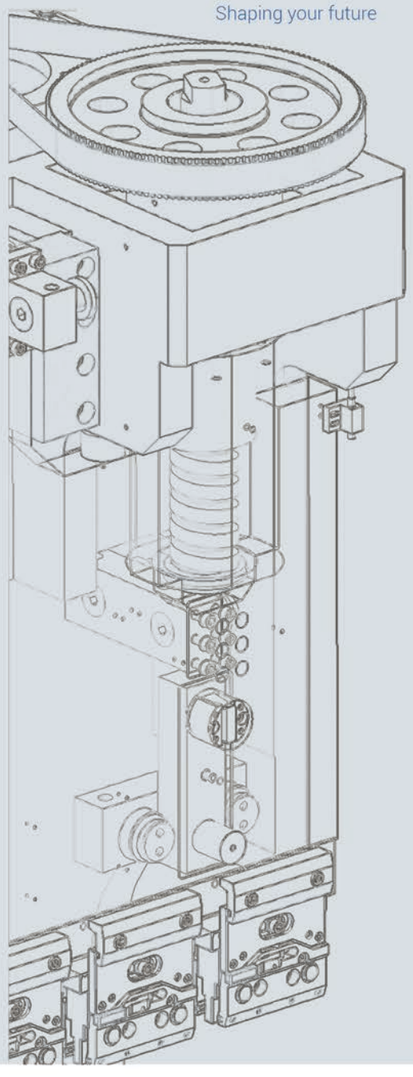
AGENT\

SINCE 1988

Sheet metal working machines

ACCURL®

Shaping your future



FU-TURE IS NOW

CNC ELECTRIC

SERVOBRAKE

Energy in Efficient Use

SERVO PRESS BRAKE

ACCURL MACHINE TOOLS
CHINA | ACCURLUSA

Industrial Park In Bowang
Ma'anshan,Anhui,China

QIAOLIAN PLASMA & LASER MACHINE TOOLS

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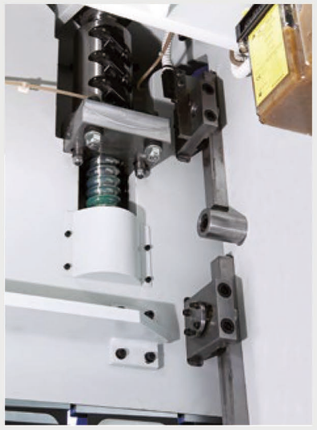
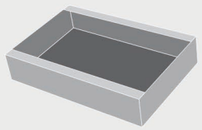
MADE FOR EUROPE

SERVO ELECTRIC PRESS BRAKE

The eB-Brake features the advantages of high acceleration, deceleration and fast response times of the servo-electric drive system. Compared to conventional press brakes considerable productivity increase can be reached; reduction of cycle times by up to 30 % and more is the reality.
Working speed is programmable to ensure bending is made without loss of product quality or operator safety.Lazer Safe's IRIS System provides safe high speed closing down to just 2 mm. Compared with other guarding systems oreven unguarded machines, the block laser system can save up to 2 or more seconds per cycle.Fast positioning speeds ensure the back gauge will be ready when the part is presented for each operation.
Different machines can have different maximum speed (fast approaching speed) but this does not have direct influence in bending time cycle. Time cycle of eB-Brake is always the best even if compared to a machine that on the catalogue seems to be fast; the excellent dynamic and total absence of dead phases makes the difference.Here a direct comparison among different press brake.





time cycle comparison

Bending time necessary to realize
this 6 bend box - only machine time.

• 100t Hydraulic 200 mm/s

1988
1 st hydraulic
Press Brake

Hydraulic

• 100t Electric 75 mm/s

2003
1 st Hybrid Servo
Press Brake

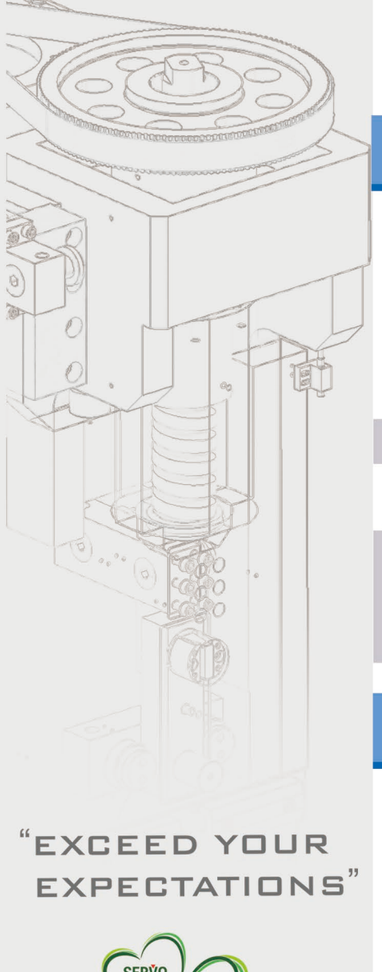
Servo Hybrid

• eB-1235 110 mm/s

2012
Launch of the New Servo
electric Press Brake

Servo electric

2015
Shift of series:
new eB family



"EXCEED YOUR EXPECTATIONS"

SERVO BRAKE

eB-Series SYNCHRO ELECTRIC PRESS BRAKE

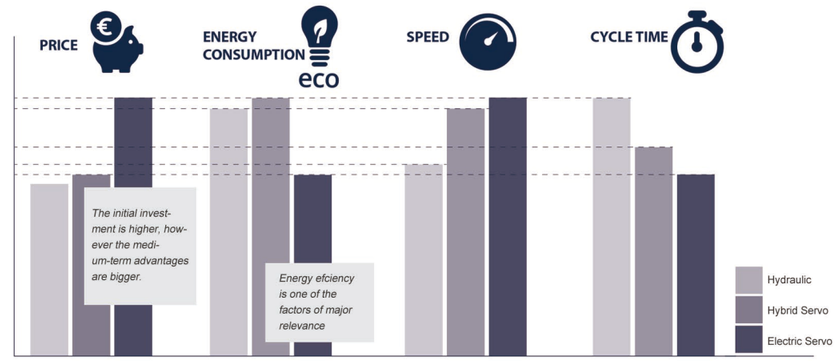
eB-Series is a fully electric machine.Using SYNCHRO technology that controls 2 axes during the bending, thus being able to compensate the axes Y1 and Y2 independently.
This system developed by ACCURL includes the drive through 2 high-quality ball screws with low noise, guided by two servo motors and helical gear boxes in order to guarantee the best performance and durability. This reduce all efects caused by inertia compared to similar systems of the belt. This press brake is integrated with the highest technology coupled with a friendly use. This model is a top machine that guarantees high precision and competitiveness.

ADVANTAGES

- Short cycle time
- Low energy consumption
- Low maintenance
- Low noise

NO
NOISE
HYDRAULIC OIL
HYDRAULIC FILTER
HYDRAULIC SEALS
VALVES
CYLINDERS
DWELL TIMES

COMPARATIVE



TECHNICAL SPECIFICATION

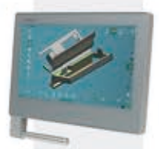
	Capacity ton	Bending length mm	Daylight mm	Stroke mm	Throat depth mm	Approach speed mm/s	Return speed mm/s	Bending speed mm/s
eB-0825	25	800	370	100	200	190	190	0.2-50
eB-1235	35	1250	420	140	260	180	180	0.2-50
eB-1340	40	1300	420	140	400	190	180	0.2-50
eB-2040	40	2000	420	140	400	180	175	0.2-50
eB-2060	60	2000	420	150	355	160	160	0.2-50
eB-2585	85	2500	470	150	400	120	120	0.2-50
eB-30125	125	3000	500	200	460	100	100	0.2-50

EQUIPMENT

DELEM

	DA-52s		DA-58T		DA-66T		DA-69T	
Delem								
Axes	4	4	4	4	8	8	8	8
Screen	10”	12”	15”	15”	17”	19”	17”	19”
2D graphic view	-	●	●	●	●	●	●	●
3D graphic view	-	-	-	-	●	○	●	●
3D programming	-	-	-	-	-	○	●	●
Auto tooling selection	-	-	-	●	●	●	●	●
Touch screen	●	●	●	●	●	●	●	●
USB ports	1	1	1	1	2	1	2	1
2D DXF import	-	-	-	-	-	-	●	●
3D IGES/STEP import	-	-	-	-	-	-	●	●
3D Offline import	-	-	-	-	○	-	●	●
Export DXF 2D FP	-	-	-	-	-	-	●	●
Offline software	Profile TL	PC Modeva	Profile TL	PC Modeva	Profile TL	PC Modeva	PC Modeva	PCRA Premium

CYBELEC

	CybTouch 12 PS	CybTouch 15 PS S	VisiTouch 19	VisiTouch 19 MX
				

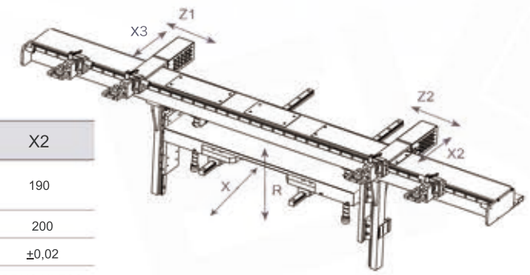
● Standard ○ Opcional

BACK GAUGES

ACCURL press brake are provided are equipped with BGA Series CNC backgauge constituted by a solid structure in order to assure the best repetitiveness and high precision in axes positioning.

BGA-SERIES

BGA S	X S	R S	Z1	Z2	X2
Stroke (mm)	450	150	UNDER REQUEST	UNDER REQUEST	190
Speed (mm/s)	500	170	800	800	200
Precision (mm)	±0,02	±0,05	±0,05	±0,05	±0,02
Type of motor	BRUS HLESS	BRUS HLESS	BRUS HLESS	BRUS HLESS	BRUS HLESS
Mechanical system	SCREW	SCREW	RACR	RACR	SCREW

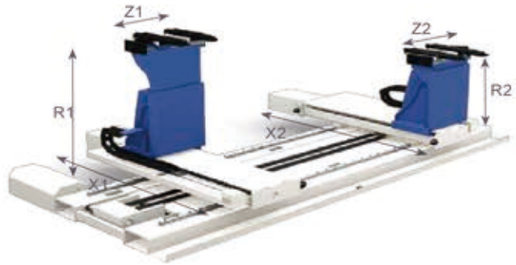


BGA-6

Finger stop Mod. 9L

Finger stop Mod. 9P

OPTIONAL



BGA-6	X 1	X2	R1	R2	Z1	Z2
Stroke (mm)	500	500	200	200	UNDET REQUEST	UNDET REQUEST
Speed (mm/s)	600	600	200	200	550	550
Precision (mm)	+0,02	+0,02	+0,02	+0,02	+0,05	+0,05
Type of motor	BRUSHLESS	BRUSHLESS	BRUSHLESS	BRUSHLESS	BRUSHLESS	BRUSHLESS
Mechanical system	SEREW	SEREW	SEREW	SEREW	RACK	RACK

CONFIGURATION

TOOL TYPE

Easy to use.
Compatible with the best quality tools.

WILA CLAMPING TOOLING SYSTEM.

• Top tool holder with automatic hydraulic clamping system.
• Bottom tool holder with automatic hydraulic clamping system and multi section manual crowning.

PROMECAM FAST PUNCH CLAMPING SYSTEM.

Quick and easy top tool holder fast clamping system which allows the frontal tool ejection and the automatic punch alignment in order to reduce the machine set up!

PROMECAM FAST CLAMPING SYSTEM WITH MANUAL CROWNING SYSTEM TABLE.

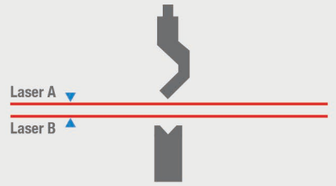
Quick and easy top and bottom tool holders fast clamping system which allows the frontal tool ejection and the automatic alignment in order to reduce the machine set up time! The table has multi section manual crowning system which is a fast and precise way to ensure a steady angle through the bending length.

SAFETY

GUARDING SYSTEM

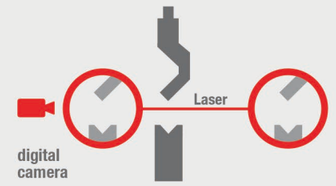
Highly effective solutions for
operator security and machine productivity.

LZS-LG-HS



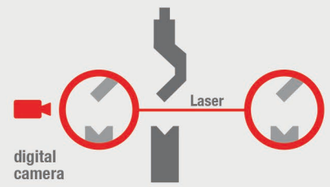
Allows the operator to work safely close to the tools even as the RAM and backgauge moves at high speed.
The maximum speed holds up to 6 mm distance from the part.
The system continuously monitors the speed performance of the pressing beam.

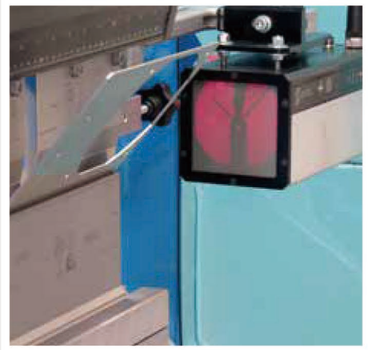
IRIS



RapidBend Ultimate minimizes the “slow” speed movements of the machine. The punch reaches the max speed up to the material contact to make the most of the machine performance. RapidBend is the innovative technology that reduces the normal machine cycle up to 2 seconds reducing significantly the operation time and costs saving.

IRIS PLUS





The “Active Angle Control” controls and adjusts in real time the angle throughout the bending process. The “Active Angle Control” ensures angular accuracy regardless of material variations and forming conditions as it eliminates the influence of bend length, bending force and off center loads. The result is maximum precision, absolute repeatability. No material setting, no sheet length setting, no bending force setting, no sampling test, no manual correction: you just set the desired angle and you get it, no matter which material, dimension bending force.