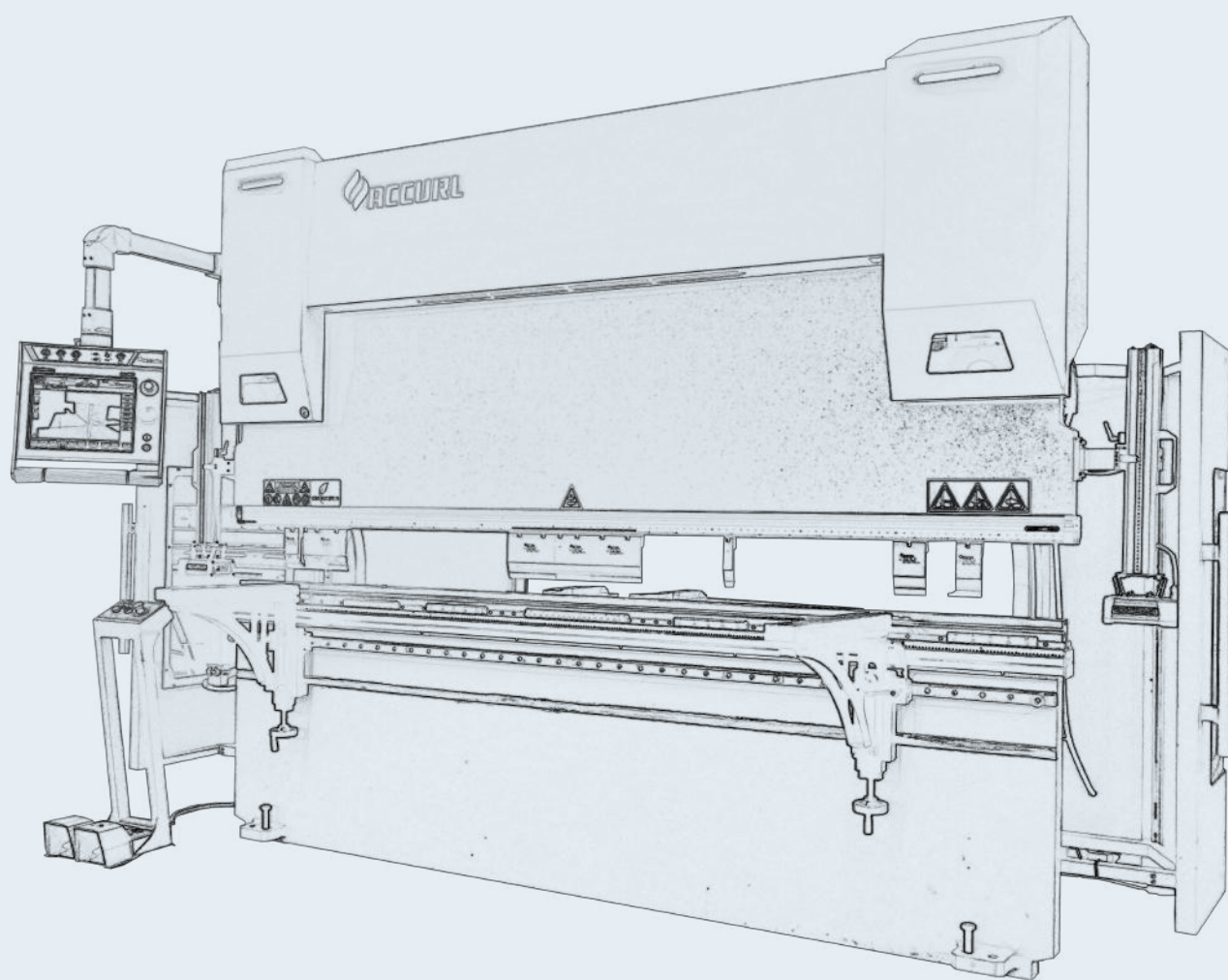


# ACCURL CNC PRESS BRAKE

EURO-PRO B SERIES



# ACCURL PRO CNC PRESS BRAKE EURO-PRO B SERIES

ACCURL® EURO-PRO B Series press brake features an CNC crowning system for improved quality, a servo driven back gauge system for increased speeds, and 3D capable graphical control unit to simulate bending sequences and collision points. Also has increased working speeds, stroke, daylight, and pressing capacities of PRO Series machines.

The future - as a result of rising energy costs and increasingly cost efficient speed-controlled drives offered on the market, variable-speed solutions are on the advance.



High  
Capacity

Robust  
Body

Perfect  
Precision

Energy  
Saver

Ergonomic

Precise bending result at fast speed

Minimalized tool change and adjustment time

Maximized speed and safety

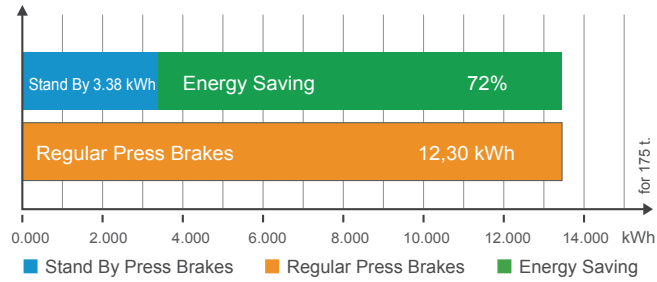


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## ADVANTAGES

- High energy-saving potential
- Decreased operating costs
- Clearly reduced cooling effort
- System safety
- Future-oriented technology
- Remarkable noise reduction
- Fewer secondary measures
- Compliance with EU CE Directives
- Decrease in the number of expensive machine failures



## STANDARD EQUIPMENT

- DELEM DA-66T CNC control unit with 2D graphics
- 5 axis CNC:
- Y1, Y2 precision ram positioning
- Standard BGA-2 for X, R-axis ( X=800mm,R=200mm)
- CNC motorized wave crowning
- HOERBIGER hydraulic valve block, pump and valves
- High Siemens efficiency motor– class IE3
- Stand By Function for energy-saving drive.
- Rear cover: Safety barriers (Category IV)
- Sheet metal frontal supports
- Front and rear lighting
- Offline software Delem Profile-TL
- Front cover: AKAS LC-II F safety laser (Category IV) or DSP safety

## OPTIONAL EQUIPMENT

- Control unit – DELEM DA69T or ModEva Premium
- CE Defender LazerSafe LZS004 + safety covers with switch
- CE F. AKAS-LC II AKAS-3 M Motorized + FPSC (safety PLC)
- BGA-4 for X , R , Z1, Z2 axis
- BGA-6 for X 1, X2, R 1 , R2 ,Z1, Z2 axis
- Delta X5 axis  $\pm 125$  mm with CNC Controlled
- X axis = 1000 mm – light barrier back protection
- AP3-AP4 sheet following system
- Height adjustable laser angle measurement system
- Hydraulic and pneumatic tool clamping systems
- Additional back gauge finger and sliding front support arms

## CONTROL SYSTEM

| DELEM             | Axes | Screen | 2D graphic view | 3D graphic view | 3D graphical programming | Automatic bending sequence | Touch screen | DXF import | CYBELEC    |
|-------------------|------|--------|-----------------|-----------------|--------------------------|----------------------------|--------------|------------|------------|
| DA-66T (standard) | 8    | 17"    | ✓               | ✓               | X                        | ✓                          | ✓            | ○          | ModEva 15T |
|                   | 8    | 15"    | ✓               | ✓               | X                        | ✓                          | ✓            | X          |            |
| DA-69T            | 8    | 17"    | ✓               | ✓               | ✓                        | ✓                          | ✓            | ✓          | ModEva RA  |
|                   | 8    | 15"    | ✓               | ✓               | ✓                        | ✓                          | ✓            | ✓          |            |

✓ Available

X Unavailable

○ Optional

Delem



DA-66T



DA-69T

CYBELEC  
INFRANOR GROUP COMPANY



ModEva 15T



ModEva RA

## STAND-BY-ECO FUNCTION

ACCURL® promotes a friendly environmental policy and as such, all our equipment features the Standby Function. ECO-Standby Function ensures an Active economy of energy on an automatic basis.



### Stand-By-ECO CNC Genius Press Brake provides energy saving up to 50%

Genius CNC Press Brake has 50% energy saving compared with hydraulic press brakes.



### Stand-By-ECO CNC Press Brake provides high productivity

Stand-By-ECO has high acceleration, high deceleration. The quick change of the moving direction is an advantage for high productivity and efficiency and has less maintenance cost.



### Stand-By-ECO Press Brake is ECO - friendly machine

The STAND-BY combines high accuracy, flexibility and reliability, this concept offers low power consumption, less maintenance.



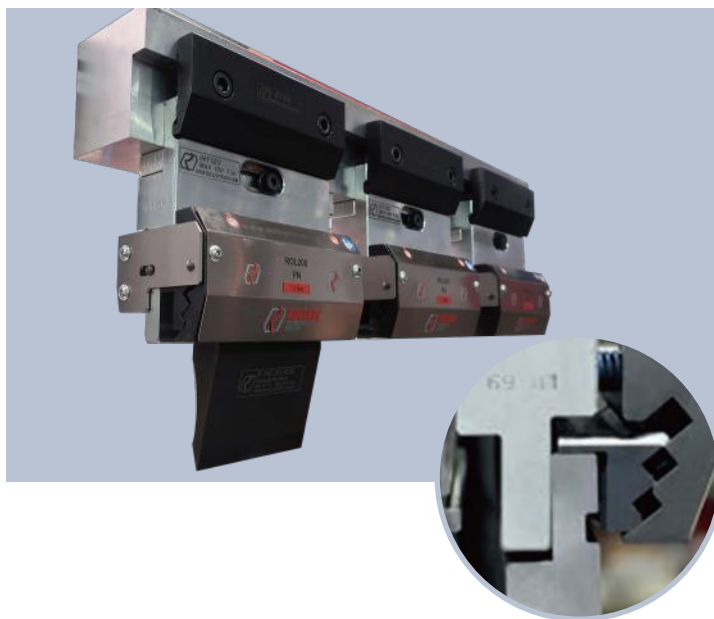
### Stand-By-ECO CNC Press Brake works quietly

Stand-By working system has no noise and provides silently working conditions.

## ROLLERI PNEUMATIC CLAMPING SYSTEMS ROL200(OPTIONAL)

The New ROLLERO clamping ROL200 system enables manual, pneumatic or hydraulic vertical clamping of your top tools. The special features are the enormously simple handling and the surprisingly low price, which guarantees huge efficiency.

- fast vertical tool change for all Roller R1 type punches
- safe and fast tool change
- substantial improvement in time consumption and related costs
- Secure against tool falling down
- Available in manual, pneumatic and hydraulic models
- Mounting: Simply from the bottom into the housing, tighten-DONE!
- Easy to mount on your press brake. Modification of the press brake is not necessary

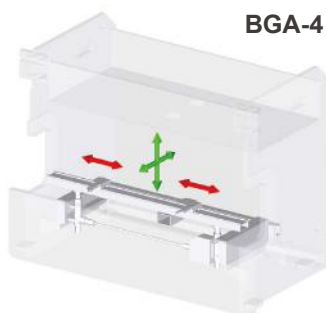


## CNC BACKGAUGE

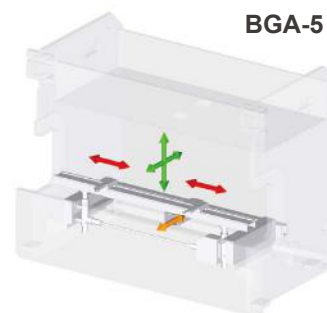
ACCURL press brake are provided are equipped with a backgauge constituted by a solid structure in order to assure the best repetitiveness and high precision in axes positioning.



2 axes Y1-Y2-X-R



4 axes Y1-Y2-X-R-Z1-Z2



5 axes Y1-Y2-X-R-Z1-Z2

### / BGA

|              |                                | Axes              | X           | R           | Z1             | Z2             | X2          |
|--------------|--------------------------------|-------------------|-------------|-------------|----------------|----------------|-------------|
| <b>BGA 2</b> | 2 axes X+R (Standard)          | Stroke (mm)       | 750 (1000)  | 150         | Under request* | Under request* | 190         |
| <b>BGA 4</b> | 4 axes X+R+Z1+Z2 (Optional)    | Speed (mm/s)      | 500         | 170         | 2000           | 2000           | 300         |
|              |                                | Precision (mm)    | 0.01        | 0.05        | 0.05           | 0.05           | 0.01        |
| <b>BGA 5</b> | 5 axes X+R+Z1+Z2+X2 (Optional) | Type of motor     | Servo Drive | Servo Drive | Servo Drive    | Servo Drive    | Servo Drive |
|              |                                | Mechanical system | Ball screw  | Ball screw  | Rack           | Rack           | Ball screw  |

## LAZERSAFE SYSTEM (OPTIONAL)

ACCURL machines comply with the strictest EU regulations with reference to safety. The devices installed guarantee thorough safety of the operator without reducing the pace of work.

- The most advanced laser systems
- Safety PLCs able to manage and monitor the action of the proportional valves
- Visible dual beam linked to the upper tool: should it be interrupted, it blocks the movement of the press brake
- Easy adjustment by means of a grading scale
- Constant monitoring of parameters related to safety

### IRIS

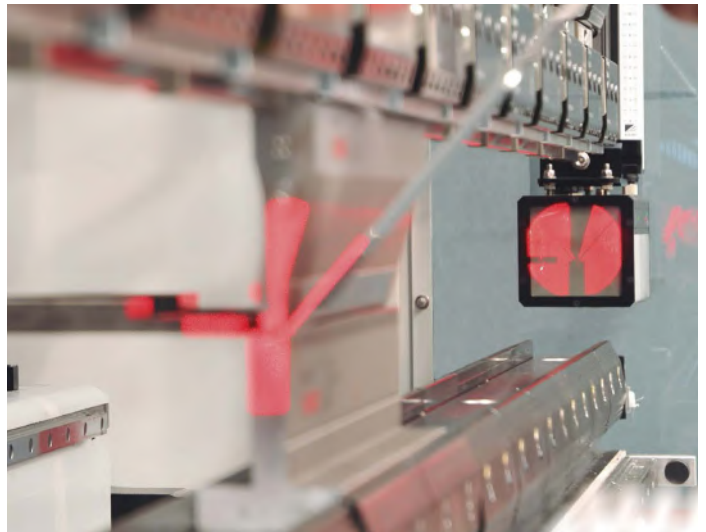
The best in terms of safety: working cycles are faster thanks to the speed change at 0mm from the contact with the sheet. The speed management is determined by the processed parts.

### IRIS PLUS

Speed and precision: the speed change is set at 0mm from the contact with the sheet and the angle control system ensures high quality results from the first bend.

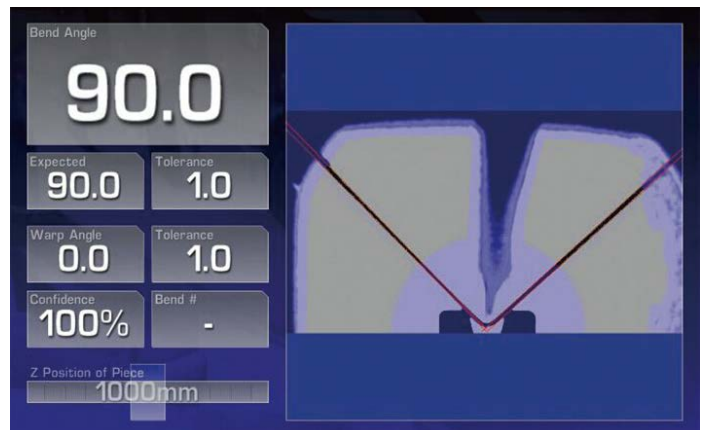
### Final Angle Confirmation

Final Angle Confirmation is a function where, during decompression, IRIS processes real time images to automatically detect the material relaxation point and measure the final bend angle.



### IRIS Model Comparison

|                          | IRIS | IRIS Plus |
|--------------------------|------|-----------|
| Optical range (metres)   | 8m   | 4m        |
| Bend Speed management    | ●    | ●         |
| Active Angle Control     |      | ●         |
| Dynamic Angle Control    |      | ●         |
| Spring Back Calculation  |      | ●         |
| Final Angle Confirmation |      | ●         |

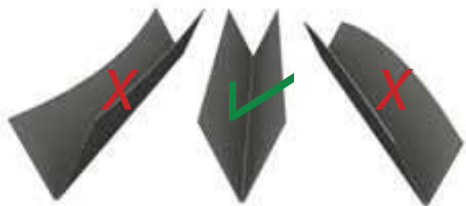


| Model                                                                               |                                                                                     |           | Type                 | St   Op | Distance from table | Automatic adjustment | Fast bend speed management | Automatic Tool Scan |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|----------------------|---------|---------------------|----------------------|----------------------------|---------------------|
|  |  | LZS-LG-HS | Dual Laser           | ○       | 6 mm                | X                    | X                          | X                   |
|                                                                                     |  | LZS-005   | Block Laser / Camera | ○       | 2 mm                | X                    | X                          | ✓                   |
|                                                                                     |  | IMG-100   | Block Laser / Camera | ○       | 2 mm                | X                    | ✓                          | ✓                   |

✓ Yes   X No-Standard   ○ Optional

## AUTOMATIC CROWING SYSTEM

This system enables the user to offset deformations of the beam while bending. Thus, the angle is keeping constant along the entire plate length.



Exaggerated to Demonstrate



SMART-FAB comes standard with manual or optional CNC crowing  
EURO-PRO comes standard with CNC crowing



## SPECIFICATIONS

| Type           | Bending Length<br>mm | Bending Capacity<br>KN | Distance between side frames<br>mm | Gap<br>mm | Daylight Opening<br>mm | Stroke<br>mm | Table Height<br>mm | Table Width<br>mm | Fast Approach Speed<br>mm/s | Max. Bending Speed<br>mm/s | Return Speed<br>mm/s | Motor Power<br>kw | Length+/-<br>mm | Width+/-<br>mm | Height+/-<br>mm | Weight+/-<br>kg | Backgauge stroke<br>mm |
|----------------|----------------------|------------------------|------------------------------------|-----------|------------------------|--------------|--------------------|-------------------|-----------------------------|----------------------------|----------------------|-------------------|-----------------|----------------|-----------------|-----------------|------------------------|
| <b>B 1563</b>  | 1500                 | 630                    | 1100                               | 370       | 350                    | 200          | 870                | 80                | 200                         | 10                         | 160                  | 5.5               | 1825            | 1650           | 2600            | 4600            | 750                    |
| <b>B 2563</b>  | 2500                 | 630                    | 2060                               | 370       | 350                    | 200          | 870                | 80                | 200                         | 10                         | 160                  | 5.5               | 2825            | 1650           | 2430            | 5600            | 750                    |
| <b>B 32110</b> | 3200                 | 1100                   | 2700                               | 400       | 430                    | 200          | 940                | 100               | 200                         | 10                         | 160                  | 7.5               | 4200            | 1800           | 2630            | 8000            | 750                    |
| <b>B 40110</b> | 4000                 | 1100                   | 3300                               | 400       | 430                    | 200          | 940                | 100               | 200                         | 10                         | 160                  | 7.5               | 4800            | 1800           | 2700            | 9500            | 750                    |
| <b>B 32135</b> | 3200                 | 1350                   | 2700                               | 400       | 430                    | 200          | 940                | 100               | 200                         | 10                         | 160                  | 11                | 4200            | 1800           | 2660            | 8800            | 750                    |
| <b>B 40135</b> | 4000                 | 1350                   | 3300                               | 400       | 430                    | 200          | 940                | 100               | 200                         | 10                         | 160                  | 11                | 4800            | 1900           | 2700            | 10000           | 750                    |
| <b>B 32175</b> | 3200                 | 1750                   | 2700                               | 400       | 430                    | 200          | 940                | 100               | 180                         | 10                         | 140                  | 11                | 4200            | 1900           | 2700            | 10000           | 750                    |
| <b>B 40175</b> | 4000                 | 1750                   | 3300                               | 400       | 430                    | 200          | 940                | 100               | 180                         | 10                         | 140                  | 11                | 4500            | 1900           | 2750            | 12000           | 750                    |
| <b>B 32220</b> | 3200                 | 2200                   | 2700                               | 400       | 470                    | 200          | 950                | 140               | 180                         | 10                         | 140                  | 18.5              | 4200            | 1800           | 2900            | 15000           | 750                    |
| <b>B 40220</b> | 4000                 | 2200                   | 3300                               | 400       | 470                    | 200          | 1050               | 140               | 180                         | 10                         | 140                  | 18.5              | 5000            | 1800           | 3000            | 17000           | 750                    |
| <b>B 32250</b> | 3200                 | 2500                   | 2700                               | 400       | 500                    | 250          | 1080               | 180               | 160                         | 10                         | 140                  | 22                | 4300            | 2000           | 3180            | 16000           | 750                    |
| <b>B 40250</b> | 4000                 | 2500                   | 3300                               | 400       | 500                    | 250          | 1080               | 180               | 160                         | 10                         | 140                  | 22                | 4900            | 1730           | 3180            | 18000           | 750                    |
| <b>B 30320</b> | 3200                 | 3200                   | 2700                               | 400       | 560                    | 300          | 1160               | 180               | 120                         | 8                          | 85                   | 22                | 4300            | 2150           | 3360            | 20000           | 750                    |
| <b>B 40320</b> | 4000                 | 3200                   | 3300                               | 400       | 560                    | 300          | 1160               | 180               | 120                         | 8                          | 85                   | 22                | 4900            | 2150           | 3360            | 20000           | 750                    |
| <b>B 50320</b> | 5000                 | 3200                   | 4050                               | 400       | 4560                   | 300          | 1180               | 180               | 120                         | 8                          | 85                   | 18.5              | 5300            | 2250           | 3320            | 26000           | 750                    |
| <b>B 40400</b> | 4000                 | 4000                   | 3300                               | 450       | 400                    | 320          | 880                | 200               | 120                         | 8                          | 80                   | 30                | 4300            | 2200           | 3580            | 27000           | 750                    |
| <b>B 50400</b> | 5000                 | 4000                   | 4050                               | 450       | 400                    | 320          | 880                | 200               | 100                         | 8                          | 80                   | 30                | 5300            | 2250           | 3600            | 32000           | 750                    |
| <b>B 60400</b> | 6000                 | 4000                   | 5050                               | 450       | 400                    | 320          | 880                | 200               | 100                         | 8                          | 80                   | 30                | 6400            | 2300           | 3670            | 38000           | 750                    |
| <b>B 60500</b> | 6000                 | 5000                   | 5050                               | 450       | 610                    | 320          | 990                | 300               | 100                         | 8                          | 75                   | 37                | 6500            | 2700           | 5000            | 55000           | 1000                   |
| <b>B 60600</b> | 6000                 | 6000                   | 5050                               | 450       | 650                    | 320          | 990                | 300               | 80                          | 8                          | 80                   | 40                | 6500            | 2700           | 5000            | 65000           | 1000                   |

SINCE  
1988

Sheet metal  
working  
machines



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