

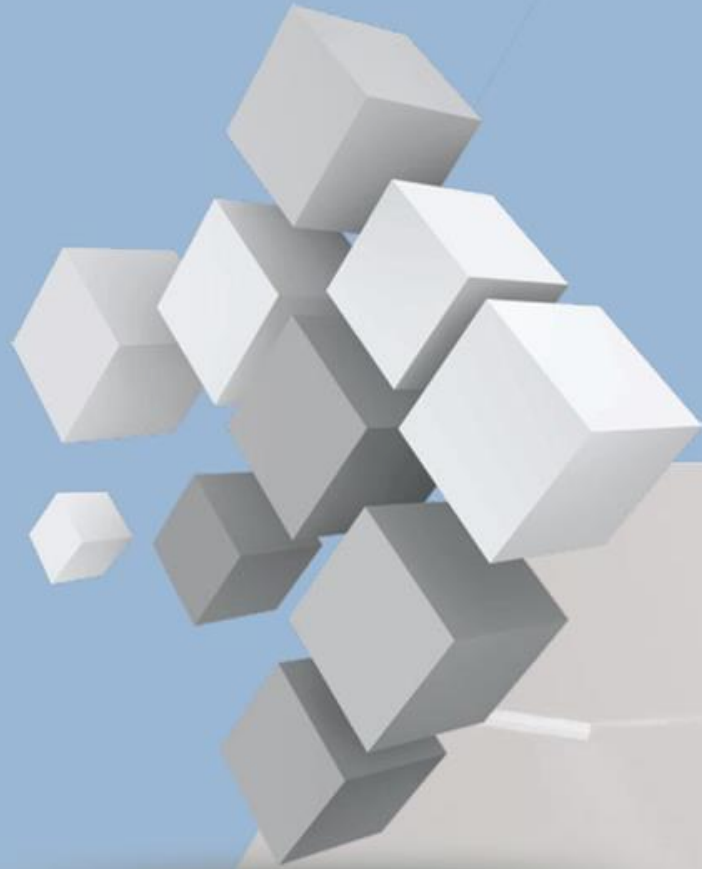
PRESS BRAKE

bending...

...has never been easier.



Shaping your future



GENIUS PLUS SERIES



EURO PRO SERIES



GENIUS PLUS SERIES



[HIGH-QUALITY ACCURL PRESS BRAKE FOR THE MORE DEMANDING TASTE]

ACCURL® EURO-PRO & GENIUS Series CNC press brake with a high-quality build, an impressive number of features and options, with advanced motion technologies and impressively quiet with the most flexible features and options, the Genius model is the ultimate in creating complex parts.

WHY ACCURL PRESS BRAKE ?

Innovative Modular Design:

- <Our machines can also be combined with automation modules to create a complete system for the whole working process.
- <Customized solutions at a reasonable price, from basic to high end machine.

Experience

- <33 years of experience and more than 12,000 installed machines.
- <An expert R&D team committed to research the most competitive technology for our customers

More Varied Solutions for Bending:

- <Sustainability and social responsibility are characteristics of modern companies and add to competitiveness.
- <Comprehensive range of basic tools in stock and modified solutions according to customer needs

ACCURL high quality equipment:

- <The critical parts of the Accurl press brakes are manufactured in Germany.
- <We rely on our quality and therefore give our press brakes a 5-year warranty.
- <The HOERBIGER hybrid system is an innovative servo drive for press brakes.

After-Sales Service:

- <Original ACCURL spare parts to guarantee full performance and prolonged durability.
- <Wide range of consultation services on machine operation, programming and maintenance.



WARRANTY*
3 YEARS
ACCURL

SINCE
1988

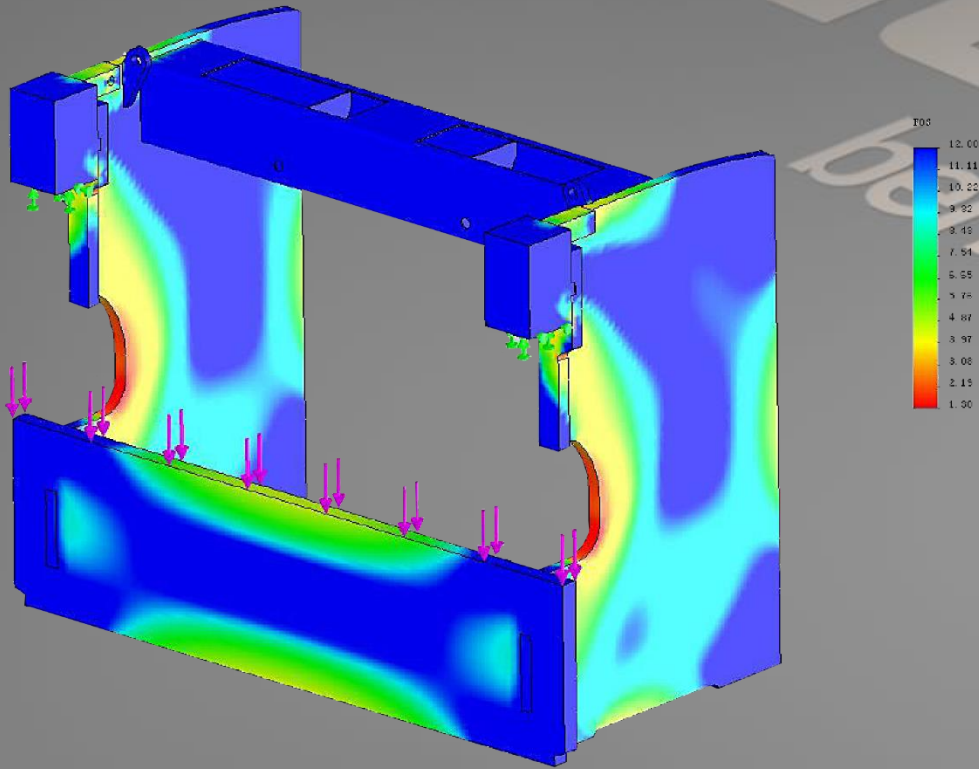
Sheet metal
working
machines



ENGINEERING DESIGN AND R & D

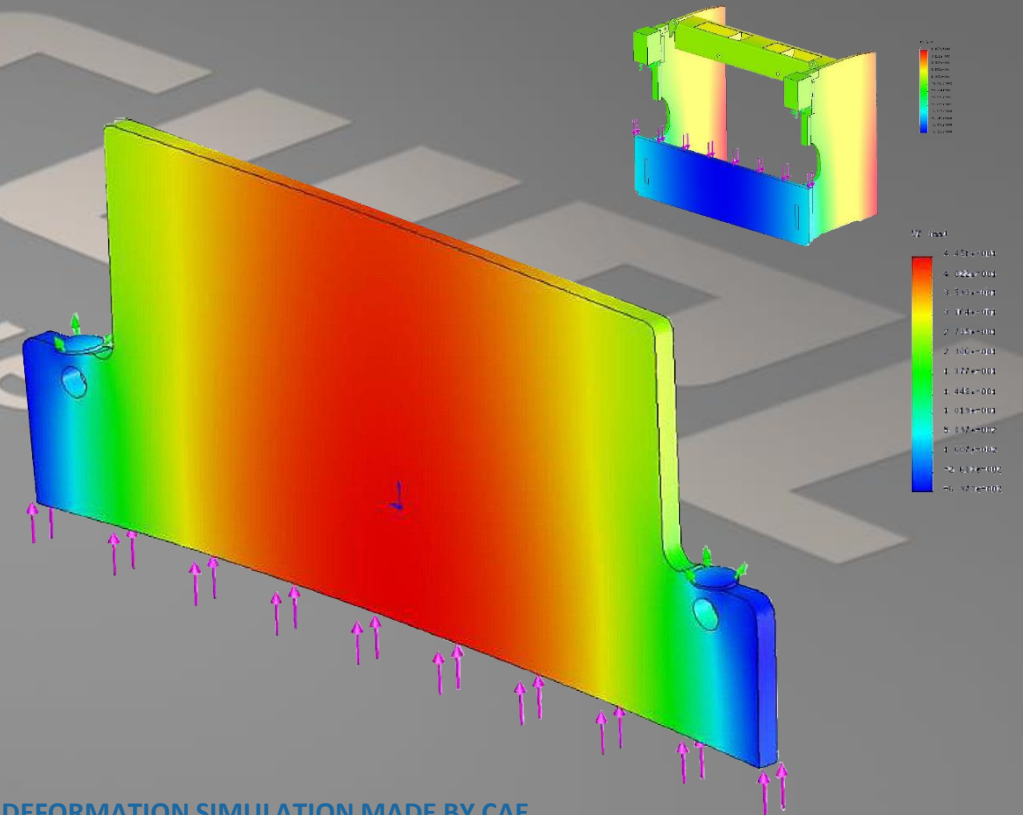


ACCURL have vast experience with R&D and designing components to very tight tolerances with SOLIDWORKS 3D CAD modelling techniques, and ACCURL Engineers are competent in designing with first principle calculations for the CNC press brake and laser cutting machine.



FEA & STRESS ANALYSIS

The CAE software SOLIDWORKS used as the method to analyze the linear static construction, stress and deformation for machine frames. So for complicated structures, highly complex loading's, transient modelling and combinations of the above, FEA makes sense.



DEFORMATION SIMULATION MADE BY CAE

The results of the Finite element analysis are summarized in a detailed report with all the pictures to highlight the high stress areas and where we think you may have problems and we will highlight changes in the design that can fix potential problems in a cost effective way.

MECHANICAL PROCESSES



The machine frame goes through a heat treatment process for welding stress relief. Accurl machine frames are machined with 5 axis CNC machining centers with single reference fixing. This keeps all axis parallel and the surfaces of the machine precise which provides great accuracy and longevity to the machine.



CNC BORING MACHINE FOR EXTREME PRECISION

*Advantage:

- Very stiff and stable base frame
- Electric welding of high precision
- Usage of high-tech boring machines for extreme precision parts.



HEAT TREATMENT PROCESSES

ACCURL press brake and laser cutting machine steel frames undergo annealing at over 600° to relieve stress and they are built to last years of heavy use without distortion.

[HIGH-QUALITY ACCURL PRESS BRAKES FOR THE MORE DEMANDING TASTE]

ACCURL® New EURO-PRO Series CNC press brake with a high-quality build, an impressive number of features and options, competitive pricing and advanced DELEM DA66T 3D capable graphical controls, this is your first choice in Y1/Y2 machine technology.



LESS WASTE, LESS MAINTENANCE



HIGH PERFORMANCES



SAME JOB, 50% LESS ENERGY



<HIGH DYNAMIC Y-AXIS CONTROL
<Over 30% higher productivity

CLASS 1
BLOCK LASER



[HIGH-QUALITY ACCURL PRESS BRAKES FOR THE MORE DEMANDING TASTE]

ACCURL® New Genius Series Based on proven design Pro Series has increased working speeds, stroke, daylight & pressing capacities. with advanced motion technologies and impressively quiet with the most flexible features and options, the Genius model is the ultimate in creating complex parts.



Energy in Efficient Use
SERVO
PRESS BRAKE



QUIET OPERATION



CONSIDERABLY REDUCED OIL
TANK VOLUME (UP TO 40%)

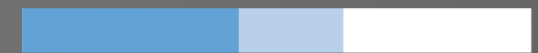


GREEN HYBRID SERVO
(Up to 35% Energy Saving)



MORE SPEED: 210 MM/S

Bending length 2,5-4,2m



Bending force 110-320tn



CLASS 1
BLOCK LASER



SUPER CUSTOM PRESS BRAKE

ACCURL® created the Genius Super Custom CNC press brake with extended stroke and daylight.



The solution to deep-box bending...

With Super Custom you can make even the biggest structures, With the highest speed and versatility.

Bend boxes up to 600mm deep and more, with no special tools and with the utmost accuracy.



QUIET OPERATION



CONSIDERABLY REDUCED OIL
TANK VOLUME (UP TO 40%)



GREEN HYBRID SERVO
(Up to 35% Energy Saving)



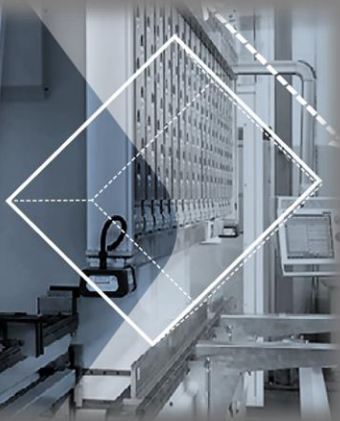
<High dynamic Y-axis control
<Over 30% higher productivity

Energy in
Efficient Use
SERVO
PRESS BRAKE



IRIS INTEGRATED
REAL-TIME
IMAGING SYSTEM

More
than
600
mm

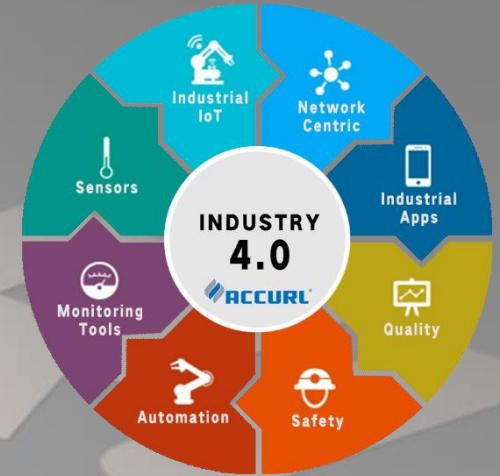
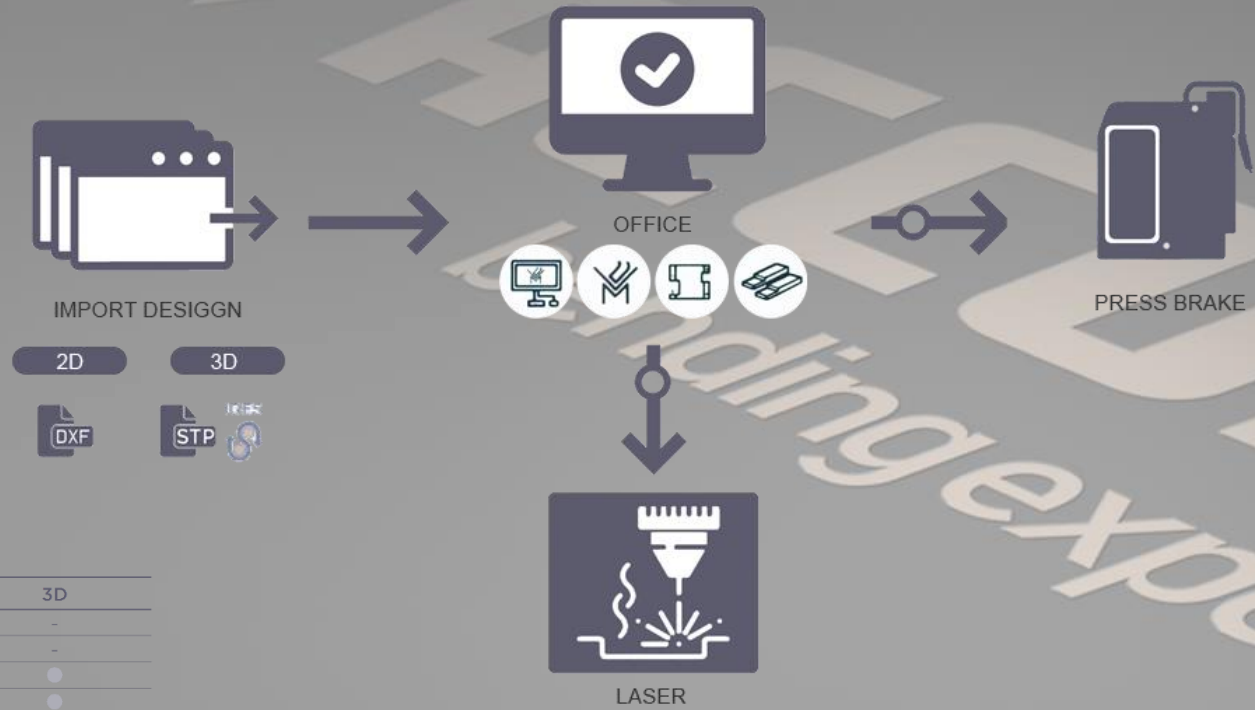


CLASS 1
BLOCK LASER 

ACCURL INDUSTRY 4.0 within the Reach of Companies™

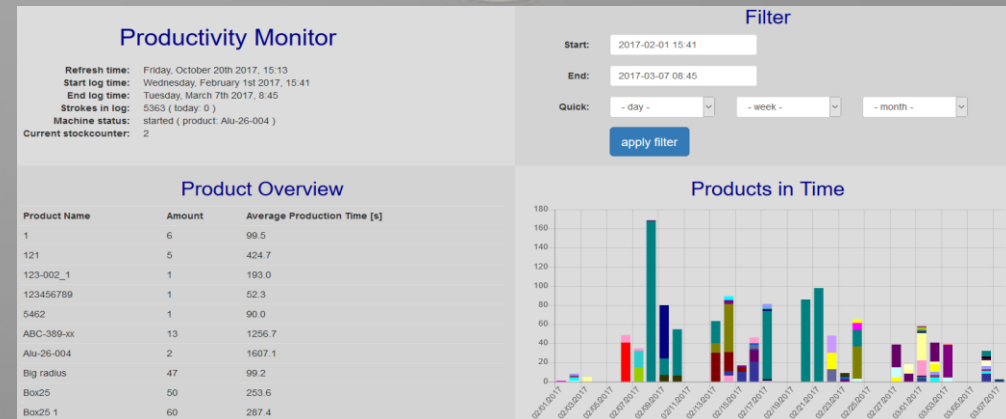
ACCURL® advocated its own new IoT technology as “Intelligent Internet of things factory”, termed the “Smart-Factory”.

4.0 INDUSTRY



	2D	3D
Profile TL	●	-
Profile T2D	●	-
Profile T3D	●	●
PC RA	●	●
Radbend	●	●

The Profile T3D offline software is an indispensable tool to increase the profitability of a machine.



CHOOSE AND CONFIGURE YOUR PRESS BRAKE:

We aim at making bending and cutting sheet metal a quick, precise and reliable process. We try to make our Clients more productive and competitive. We aim to become the constant point of reference in the theory and practice of press braking and shearing.



1. LAZERSAFE WITH IRIS

With Tray mode is designed for bending tray or box shaped work pieces where the side flanges block the front or rear sensors.

2. ACCURL BGA-6 for X1/X2, R1/R2, Z1/Z2-

Maximum precision and versatility to make conical bends and complex profiles with no errors.

3. WIRELESS FOOT PEDAL

This is the evolution of the standard Accurl foot controls. It has been designed for those customers who do not want the hassle of connecting cables on the floor in front of the machine.

4. LAZERSAFE WITH IRIS PLUS

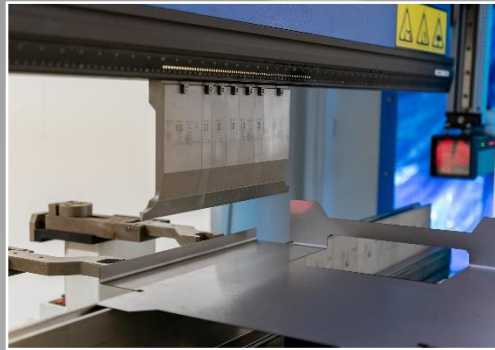
IRIS Plus real time angle correction An important device for the most demanding applications with automatic angle measurement and automatic correction of the bending angle.

5. WILA TOOLING SYSTEM

Speed, accuracy and safety are core values in all WILA bending technology and extremely accurate. accuracy, durability, flexibility, speed and safety: WILA's five core values.

6. SUPER-CUSTOM PRESS BRAKE

Bend boxes up to 600mm deep and more, with no special tools and with the utmost accuracy



LAZERSAFE WITH TRAY /BOX MODE



ACCURL BGA-6-AXIS CNC BACKGAGE



WIRELESS FOOT PEDAL



LAZERSAFE WITH IRIS PLUS



WILA TOOLING SYSTEM



DEEP BOX BENDING(1600x600x600mm)

DELEM CNC CONTROL UNIT:

ACCURL® has chosen the very powerful new generation DELEM DA60 Series T, offers an higher level of efficiency in programming and control of press brakes.



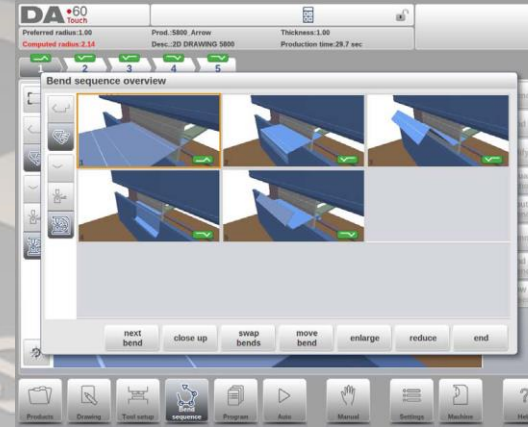
DELEM

DA -52s

DA -58T^S

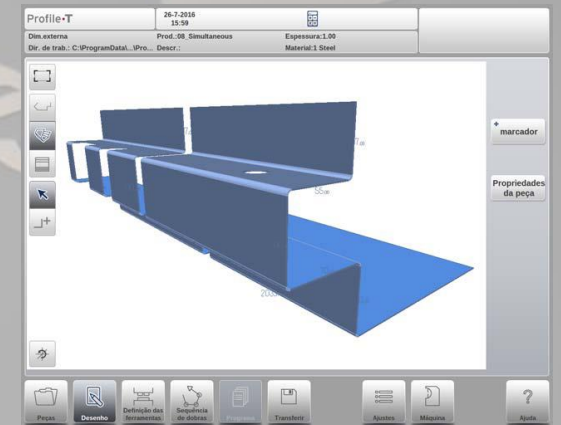
DA -66T

DA -69T



Delem

	DA -52s	DA -58T ^S	DA -66T	DA -69T				
Axes	4	4	4	4	8	8	8	8
Screen	10"	7"	15"	12"	7"	19"	17"	15"
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	Profile T3D	PCRA Premium



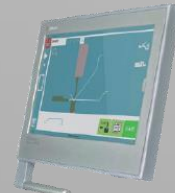
CYBELEC



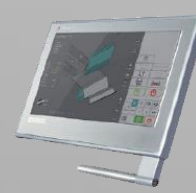
CybTouch 8 PS



CybTouch 12 PS



VisiTouch 19



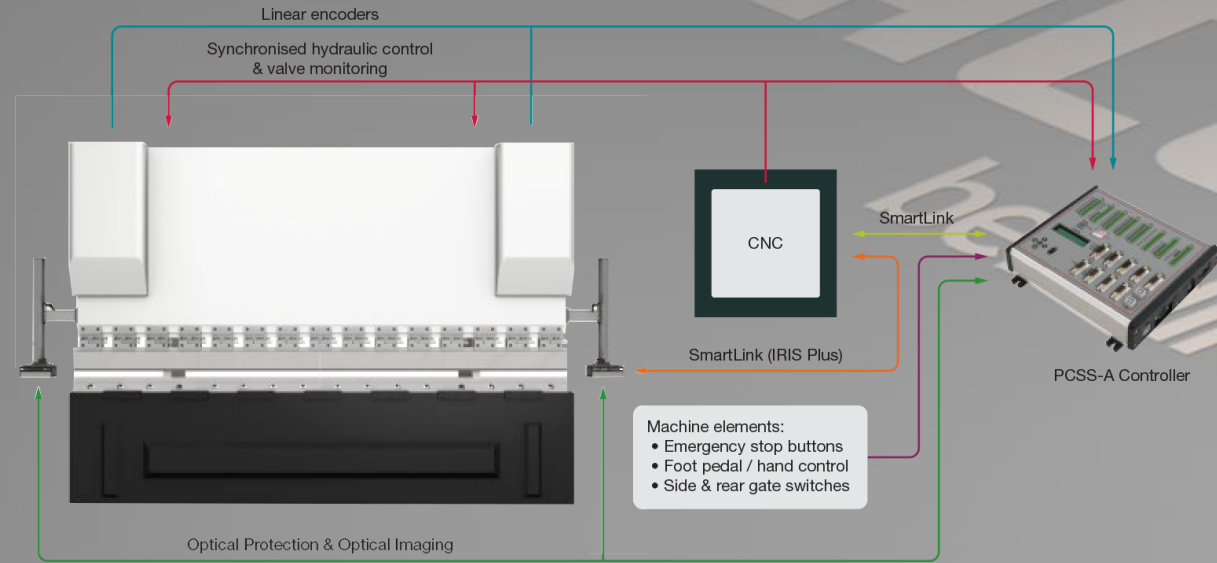
ModEva 19 RA

LAZERSAFE SAFETY CONTROLLERS SYSTEM – ADVANCED

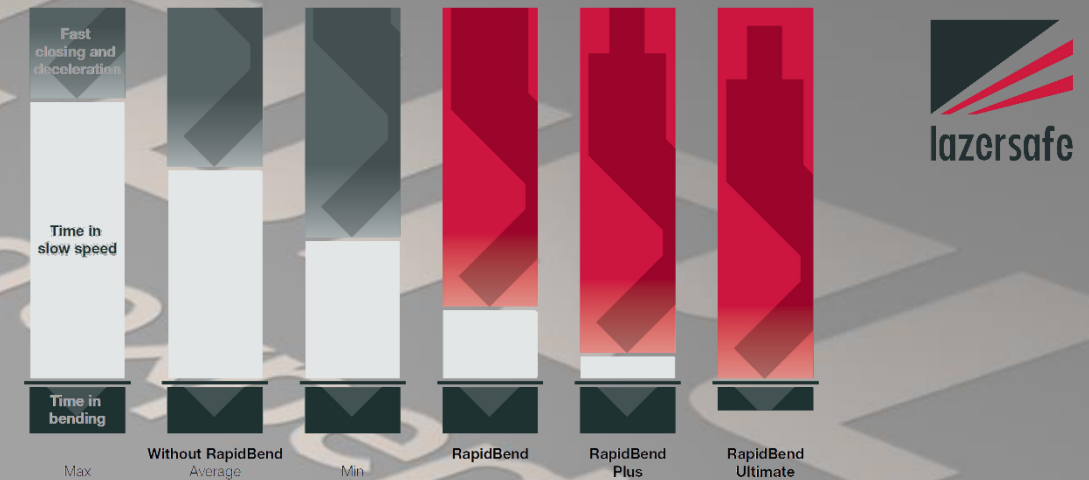


The state of the art in combining safety, productivity and precision™

PCSS-A provides an efficient and cost effective platform with fewer components, reduced wiring, simplified interface and CE Certified hardware and software to minimise engineering and build time.

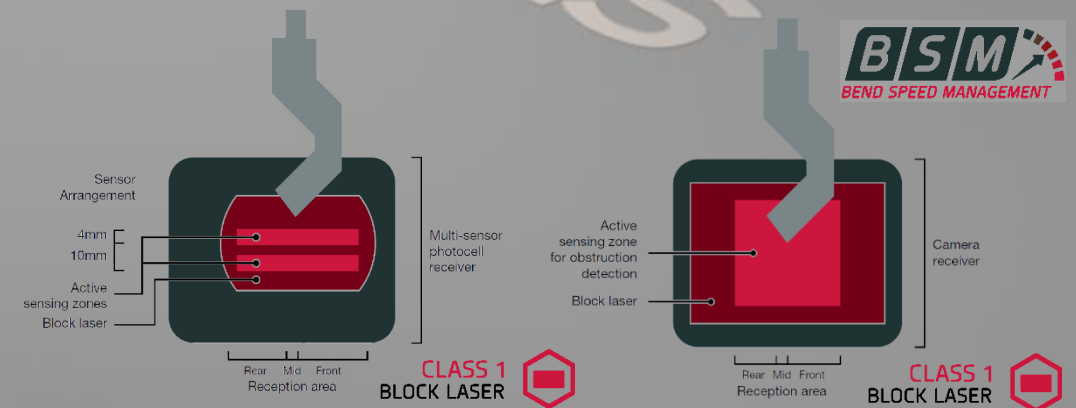


ACCURL® using the all functions of the optical protection Lazersafe system including mute point management, mode selection and user messages are embedded within the CNC system (via SmartLink).



•The IRIS System safety equipment by Lazersafe represents the most advanced safety solution for press brakes in terms of productivity and protection level. Its unique features increase the competitiveness of the Genius Press Brake.

•IRIS System	0.2
•Lazersafe LZS-HS	0.6
•Unguarded Machine	1.2 (min)
Other light or laser guarding systems	1.9 (average)
	2.2 (max)



ACCURL NEW HYBRID SERVO -ECO-FUNCTION.

ACCURL® promotes a friendly environmental policy, and, as such, all our equipment features the Hybrid Eco Function..

- This hybrid servo-drive system positioning accuracy at target position.



Energy in
Efficient Use
SERVO
PRESS BRAKE

• The Hybrid ECO system is an innovative servo drive for press brakes, and thanks to the brushless motor, we can precisely control the movement of the ram using a minimum amount of oil and energy

* Advantage:

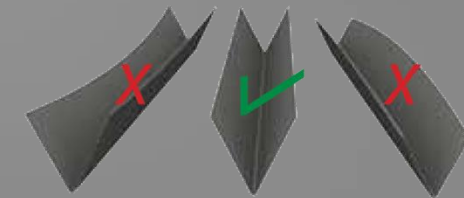
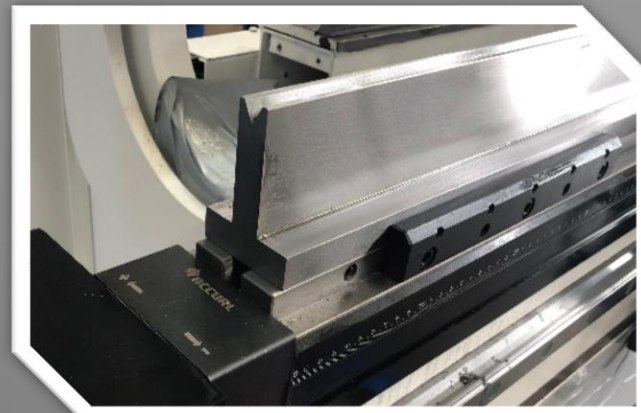
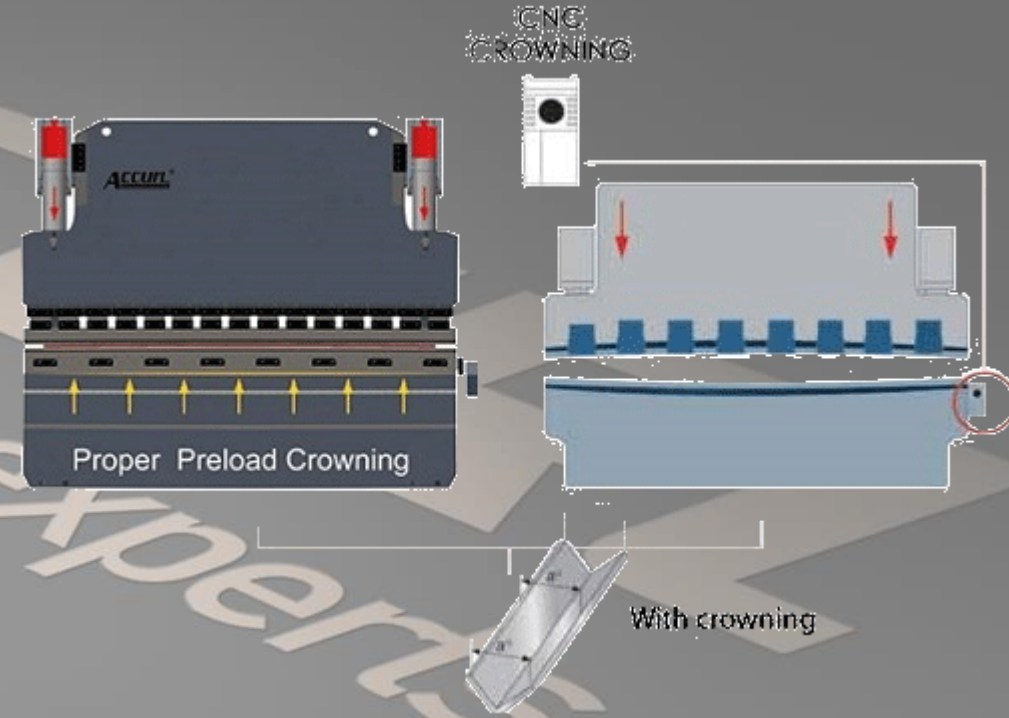
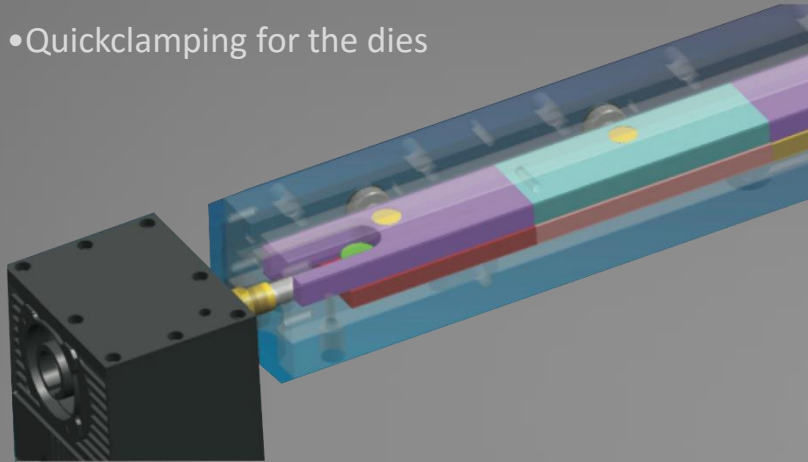
- Lower Energy Consumption
- Remarkable Noise Reduction
- Clearly Reduced Cooling Effort
- More Than %30 Oil Save
- Higher Operation Speeds
- Higher Stroke More Flexibility

ACCURL PPO® family CNC Crowning:

The ACCURL Pro® Adaptive CNC Crowning system enables the user to offset deformations of the beam while bending. Thus, the angle is kept constant along the entire plate length.

*Advantage:

- Easy reversibility of tools because of symmetrical adaption
- Quick clamping for the dies



WILSON® EXPRESS AIR™ | EUROPEAN AS OPTIONAL:

This innovative fast clamping system can satisfy any needs, the Express Air clamping reduces press brake setup time and therefore it represents the best choice for users that frequently change punches on their press brake.

*Advantage:

- Clamps and seats European punches with flat tangs with a safety slot
- Interchangeable with most OEM holders
- Z2, Z1 and American mounting
- Interlocking wedge system
- Nitrex® enhanced to 70 HRC
- Wireless or Manual Air control



WILSON® EXPRESS CROWNING™ SYSTEM AS OPTIONAL :

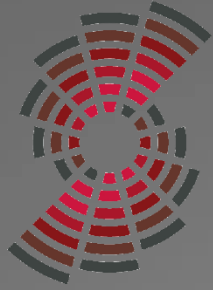
By avoiding machine deflection, the Express Crowning™ System creates precise parts, consistently parallel with every run. Featuring spot-on crowning and micro tuning ability — giving you options for controlling crowning power and securing the die.

*Advantage:

- OEM or aftermarket mounting
- Hand crank with digital readout or CNC electric drive connected direct to the machine
- Hardened to 28–32 HRC which makes it substantially tougher than the competition
- Micro crowning every 200mm
- T & Y adjustable 0–0.76mm (0–0.030")



IRIS PLUS AI ANGLE MEASUREMENT SYSTEM



IRIS
PLUS
INTEGRATED
REAL-TIME
IMAGING SYSTEM



DAC
DYNAMIC ANGLE CONTROL



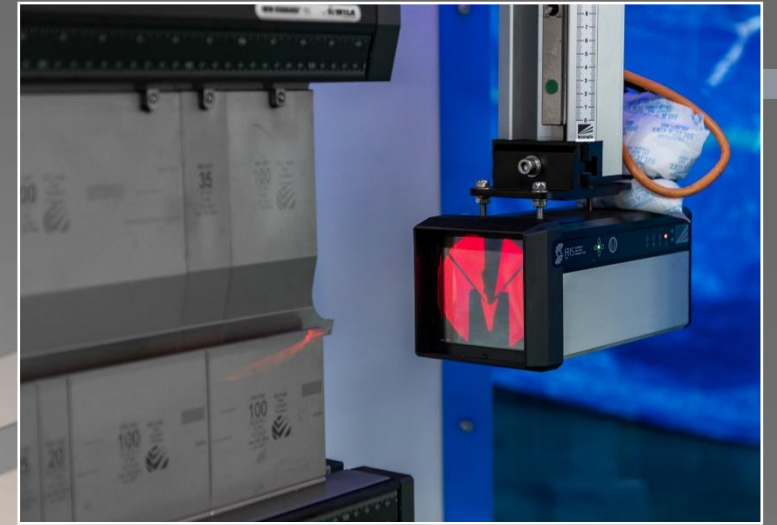
BSM
BEND SPEED MANAGEMENT

Dynamic Angle Control uses real time angle data plus the recorded spring back value to automatically and accurately control the bending depth. The dynamic angle control is a high speed process that ensures accuracy and consistency between parts with no delay to the bending operation.

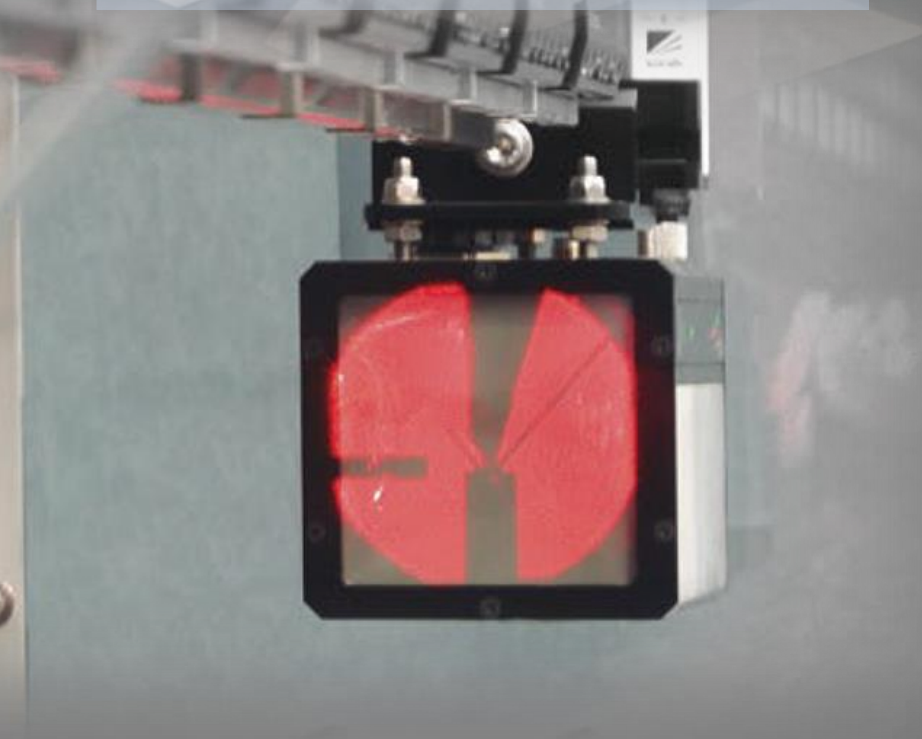


AAC
ACTIVE ANGLE CONTROL

Active Angle control is a highly accurate angle control process that calculates spring back for each individual bend, then controls the bend depth with Live Angle Bending to achieve the correct angle.



IRIS PLUS Angle Measuring System



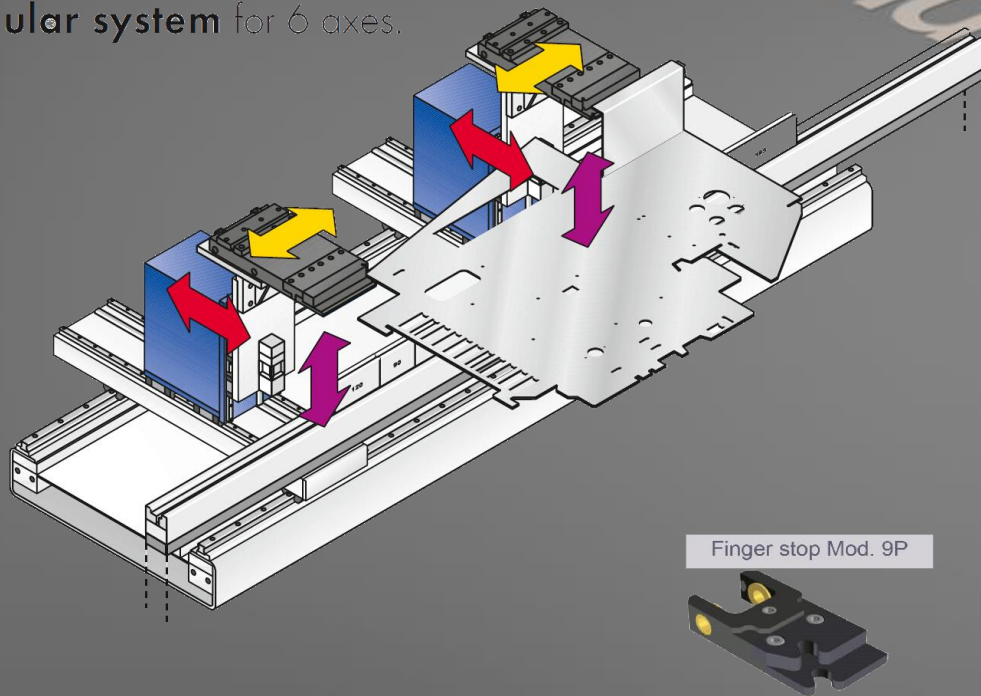
ACCURL® BGA Series CNC BACKGAUGE SYSTEM:

ACCURL® press brake are provided are equipped with BGA-5 CNC backgauge constituted by a solid structure in order to assure the best repetitiveness and high precision in axes positioning.

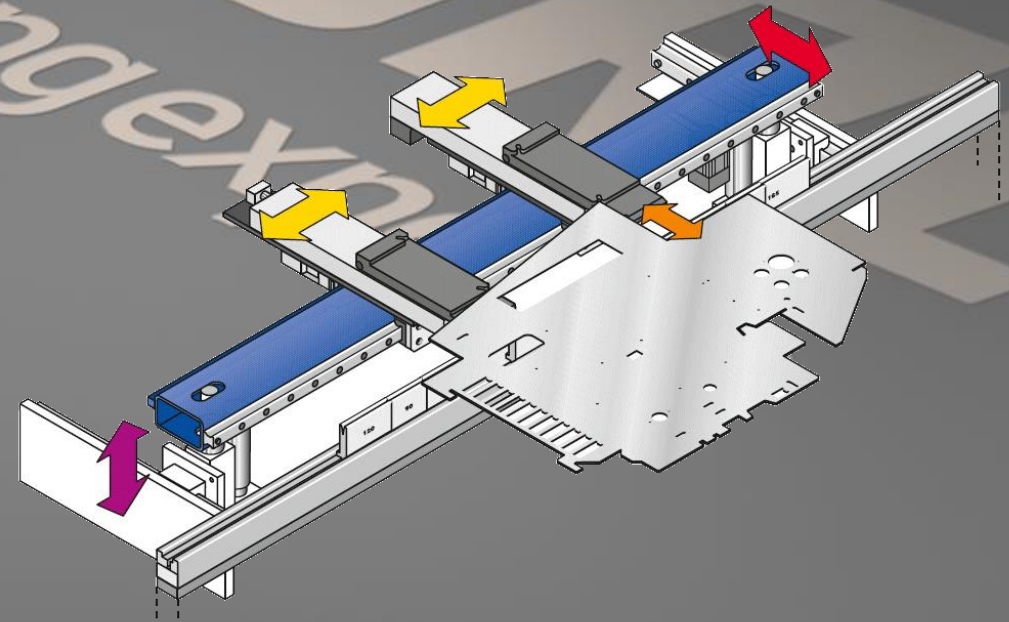


BGA

Modular system for 6 axes.



Finger stop Mod. 9P



BGA-5 for X,X2,R,Z1,Z2-axis

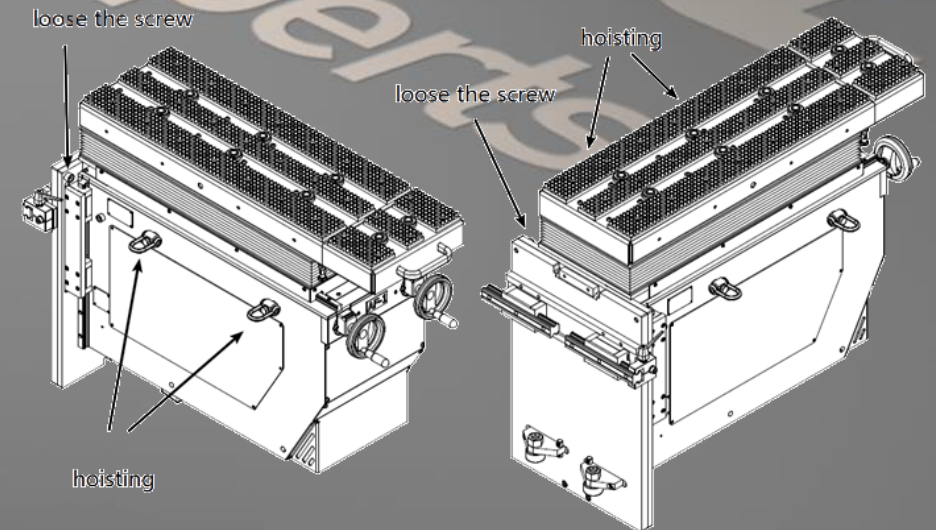
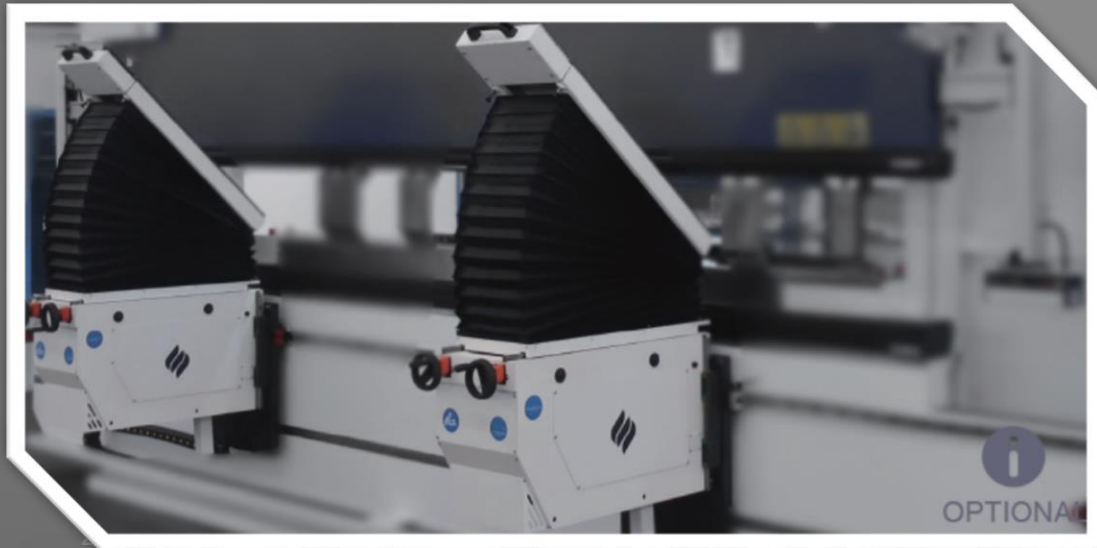
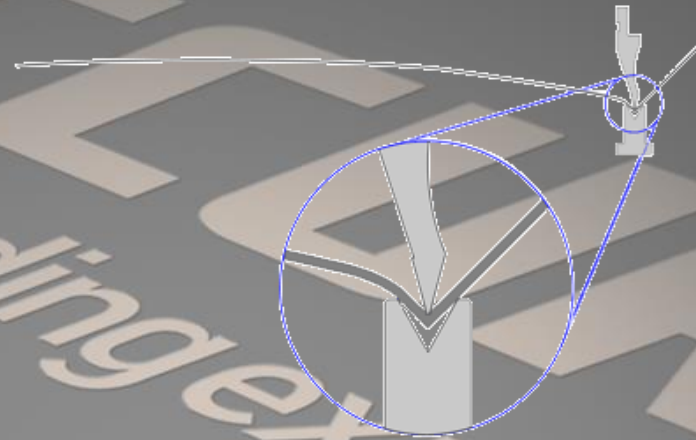
ACCURL® CNC Bending Follower Supports System:



It basically consists of a pair of sheet supports placed on the front of the machine at the height of the bending line (bottom tool). Supports are controlled by the CNC, following and supporting the sheet during the bending process.

Advantage:

- Automatic bending follower supports;
- AP1 - AP2 CNC-controlled interpolated axes;
- Recommended for heavy parts or large thin plate;
- bend as closed as 70°
- Load capacity – 180 kg per support.
- Brush and support shaft dim 350x900 up to 1200 mm.



It can be moved to other Press brake lower beam to achieve easy installation.

WILA PRO CLAMPING SYSTEM:

The Wila's 'New Standard' Tooling System has become market leader for precision, quality and flexibility for the Accurl press brake. the WILA's state-of-the-art clamp system



WILA PRO SERIES TOOLING SYSTEM

•The Wila's 'New Standard' Tooling System has become market leader for precision, quality and flexibility for the Accurl press brake. the WILA's state-of-the-art clamp systems offer optional for the ultimate efficiently changing tools with Smart Tool Locator® (STL)* have made the changeover process easier and safer. and Premium is available as an option.

Advantage:

- Hydraulic power source
- Quick clamping for europe style tooling
- Simple push-button loading
- Max. load head/shoulders 180 t/m



WILA PREMIUM TOOLING (MADE IN HOLLAND)

TOOL HOLDERS New Standard Pro:

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



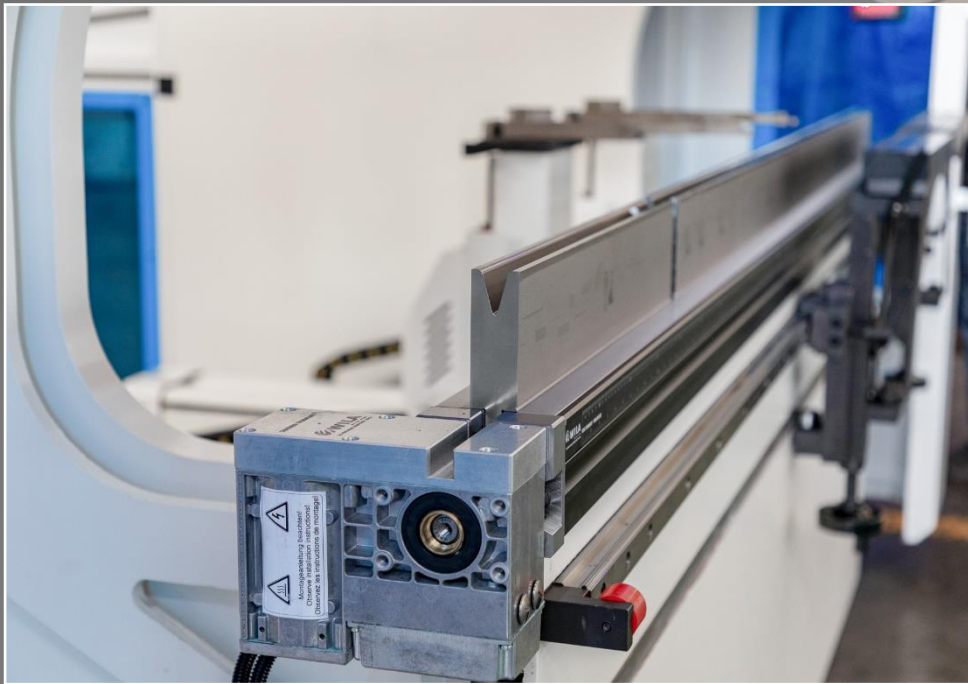
This WILA® system enables the user to offset deformations of the beam while bending. thus, the angle is keeping constant along the entire plate length.

Advantage:

- Easy reversibility of tools
- Hydraulic Clamping
- Quick clamping for the dies

Standard:

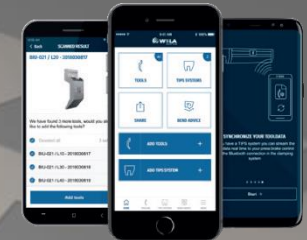
- Tool slot CNC-Dee-phardened®
- Drive unit CNC, Motor at one end
- Designed for press brakes with UPB-II hole pattern



WILA CROWNING & HOLDER SYSTEM



WILA PREMIUM TOOLING (MADE IN HOLLAND)



ACCURL®

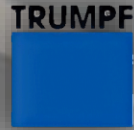


TOP CUSTOMISATION fully configurable following the customer's need, and the standard range features models with capacities varying from 30 to 2000 ton, this versatility goes from sizing to optional equipment.

Explore the Press Brake Showroom.



salvagnini



Visit the Showroom