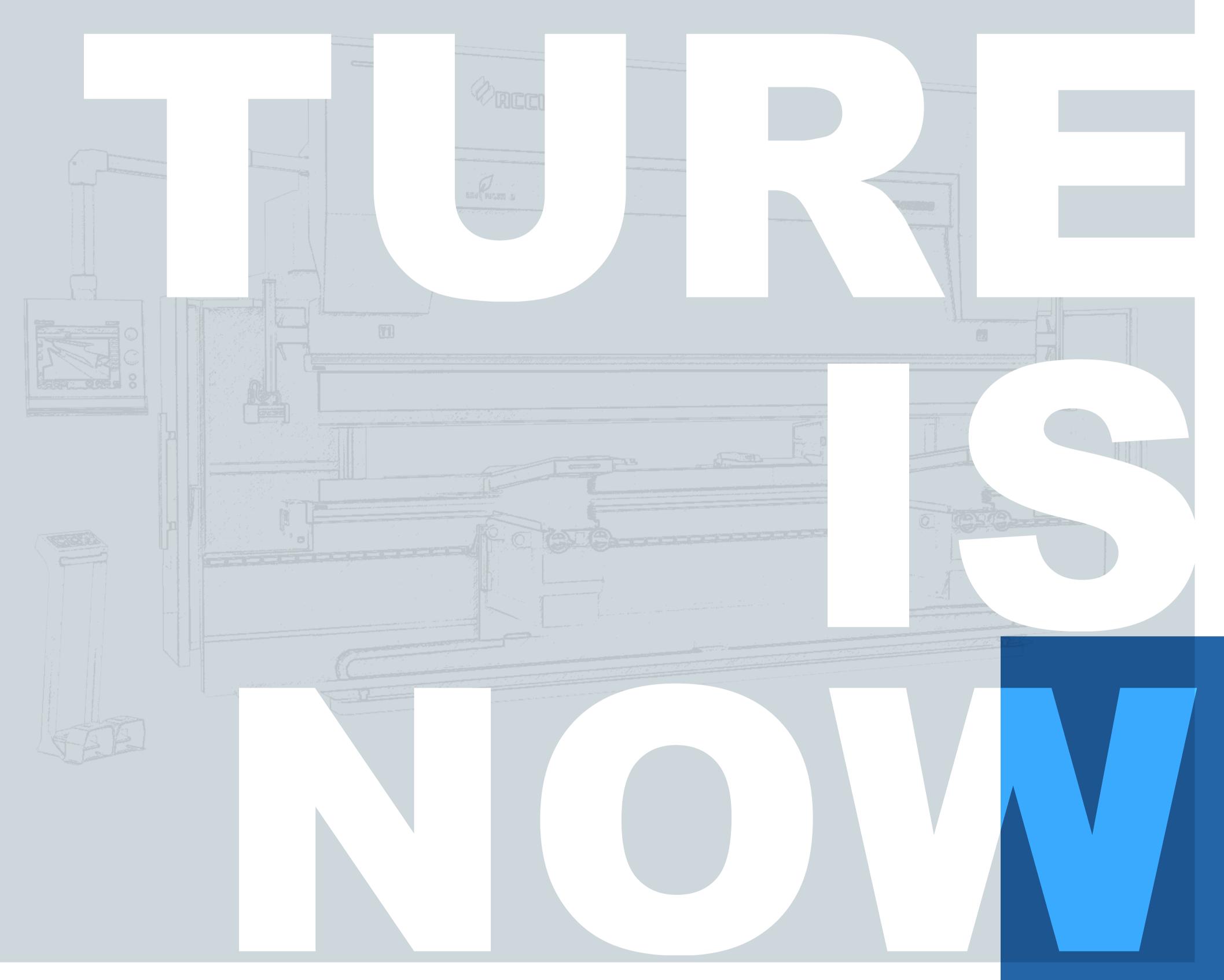
AFFORDABLE TECHNOLOGY

ACCURL performance level is comparable only on machines with much higher standards. These press brakes may be configurable with different equipment to enhance their performance at all levels.



GENIUS

HIGH PERFORMANCE



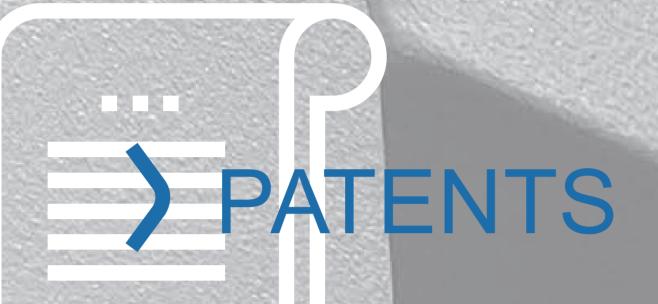




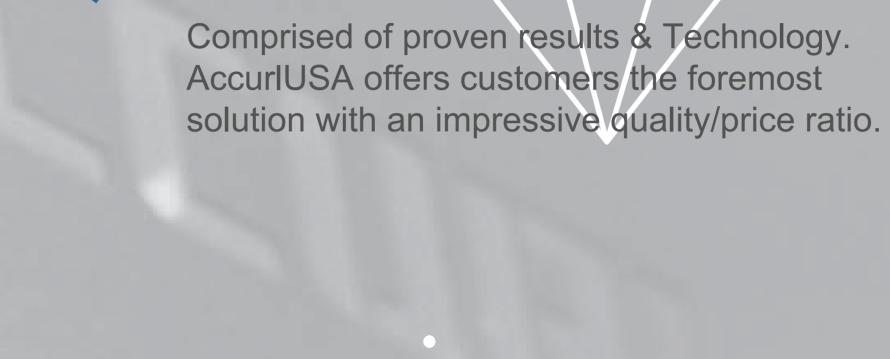
AccurlUSA promotes a friendly and effective Eco-environment policy, while developing in line with sustainability and environmental concern.

Due to our diligence and persistent effort in improving our products, our constant research and development has qualified Accurl as a Research Laboratory by the MIUR (Ministry of Education, University and Research).

ARESEARCH



- AP01+AP02 CNC Sheet Follower Suport
- 5-axis CNC Backgauge With X,R,X2,Z1,Z2
 6-axis CNC Backgauge With X1,X2,R1,R2,Z1,Z2
- Shears With CE Accumulator Control
- Servo CNC Press Brake With CNC Control



QUALITY









AccurIUSA represents a synthesis between technological innovation, & attention to detail/design. Add the best components in the world, and AccurIUSA offers customers the foremost solution with an impressive quality/price ratio.

ACCURLUSA

TECHNOLOGY AND PRECISION is easily accessible due to the quality, performance, and accuracy provided at a competitive price.



Sheet metal working machines



Shaping your future



3 YEAR WARRANTY

MAIN ADVANTAGES

.01	/ High Precision and Repeatability	
.02	/ Extremely quick cycle times	
.03	/ Customizable to your needs	
.04	/ Aesthetically Satisfying Design	
.05	/ 3 Year Warranty	

TABLE OF CONTENTS

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.01 Genius range	5
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Preparatory Material Calculations Press Brake Setup

Bend

Measurement

Correction

Prsee Brake Setup



PRODUCTION TIMES

ACCURL RANGE

LENGTH CAPACITY	5'3"	6'10"	8'6"	10'	13'5"	19'8"
44 TON						
88 TON						
121 TON						
150 TON						
192 TON						
242 TON						
275 TON						
320 TON						
440 TON						
550 TON						
660 TON						

NOTES: - All models allow its integration in robotic cells.

- All models may be used in Tandem or Tridem system.
- Capacity with more than 600 Ton available under request.

AFTER SALE SERVICE

The competence and experience acquired as manufacturer are key factors for the solutions provided and results achieved.

AccurlUSA's goal to the customer is to have excellent service while providing after-sale counseling and support. We believe that technical assistance is vital to the equipment performance and, as such, we decided to provide free lifelong training to all our customer's since 1988.

We guarantee immediate intervention for all emergencies, both regarding mechanical

ACCURL enriches its service by means failure as well as training or clarification of quality and proximity to the customer. of doubts. We employ highly skilled and experienced technicians to provide customer's with the best advice, searching for the best metal plate cutting and shaping solutions.

> We provide our customer's with qualified technical service, always working with the following goals:

- SOLUTIONS AT THE FIRST CONTACT;
- QUICK RESPONSE;
- QUALITY ASSURED

PACCURL®

P | 5 P |4



EQUIPMENT

The right machine configuration is essential to achieve maximum efficiency taking into account the type of intended use.

We generate proposals with detailed configuration based on customer requirements.

STANDARD ⁹

TYPE	ITEM	ACCURL	PAGE
Control panel	Delem DA-58T [®] control		8
Automatic axes	4 automatic axis: Y1 + Y2 + X + R		9
Back gauge	BGA back gauge (up to 200 Ton)		9
	BGAH back gauge (more than 200 Ton)		9
Front safety	Embedded Lazersafe PCSS A0 + LZS-LG-HS		9
Rear safety	Safety barriers(Level IV)		_
Special systems	Stand-by ECO Function		16
Supports	SFA front support		10
Top clamping	Quick clamping		12
Bottom clamping	Manual clamping		12
Offline software	Profile TL		15
Others	Hanging swivel in control panel		-
	Machine LED status		6
	Hex key set		-

Machine LED status

Standard
Optional

Motor OFFReset OK





CHOOSING IS IMPORTANT

The purpose of each option is to get the return that is higher than its cost. For this, it's important to evaluate the return that will be obtained taking into account the work that is intended to accomplish in the future.

OPTIONAL

TYPE	ITEM					PAGE
Control panel	DELEM		CYBELEC			
	DA -58T		CybTouch 8/12			
	DA -66T		Modeva DNC 1	5		0
	DA -69T		VisiTouch 19			8
			ModEva 19 RA			
Automatic axes	R		Z1+Z2		X2	9
Back gauge	BGT with 6 au	utomatic axes				9
Front safety	LZS-004-HS		IRIS			10
Angle measurers	React		Iris Plus		LaserCheck	11
Front supports	SFS		SFH			14
Rear supports	SPA					15
Follower supports	AP01/AP02				ACF1/ACF2	15
Top clamping	MANUAL		PNEUMATIC		HYDRAULIC	
	America style		ROL200 PN			
	Accurl euro style		ROL200 MAN(Double clamp)			18
	Wila M		Wila PN		Wila HYD	
Bottom clamping	CROW	/NING		CLAMPING		
	CNC	MANUAL	MANUAL	PNEUMATIC	HYDRAULIC	
ROLLERI			ROL2 M	ROL2 PN	ROL2 HYD	19
WILA						
LED tool locator	ACCURL LedBar		Wila Smart Tool	Locator		19
Tool identification WILA TIPS					11	
Tool cabinet ARM 1		ARM2		ARM1A	21	
Offline software Delem Profile T2D		e T2D	Delem Profile T3	3D	Bend	21
Others	S-Boost					20



Pl

EQUIPMENT

CONTROLS

	DELEM							
	DA -52s		DA -58T ^S		DA -66T		DA -69T	
Delem								
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











CybTouch 8 PS CybTouch 12 PS VisiTou

VisiTouch 19

ModEva 19 RA

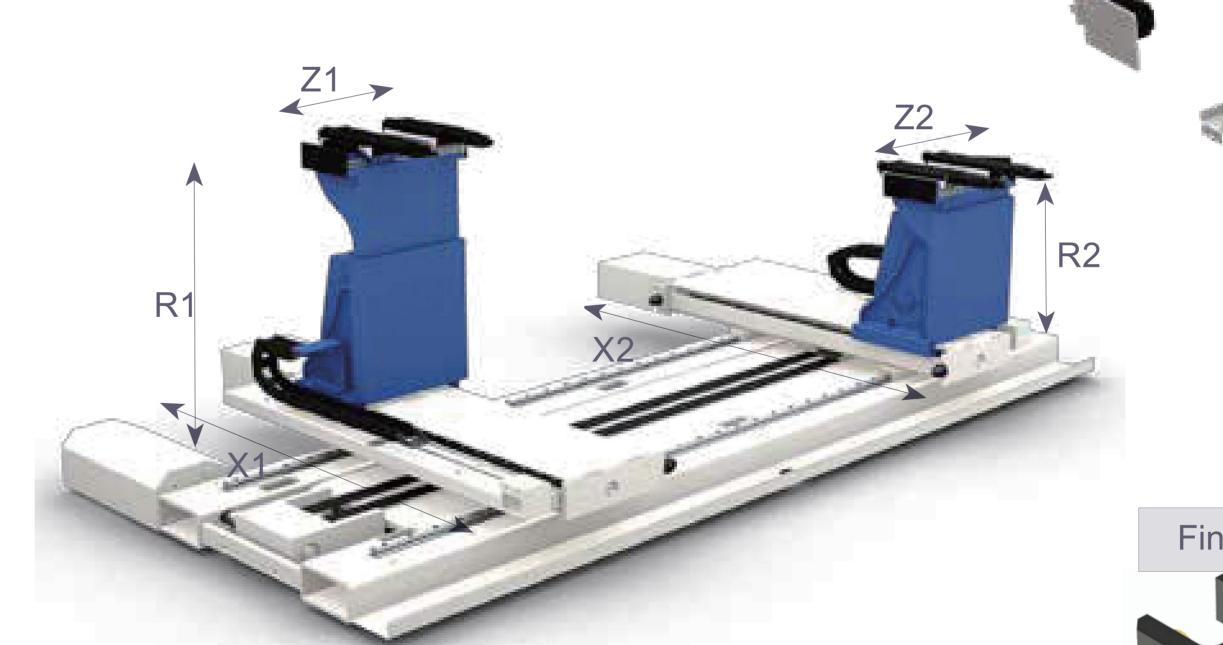
CYBELEC

StandardOpcional

BACK GAUGES

ACCURL® Press brakes are equipped with our BGA Series CNC backgauge composed by a solid structure in order to assure the foremost repetitiveness and high precision in axes positioning.









BGA-6	X1	X2	R1	R2	Z 1	Z2
Stroke (mm)	800	800	200	200	UNDER REQUEST	UNDER 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



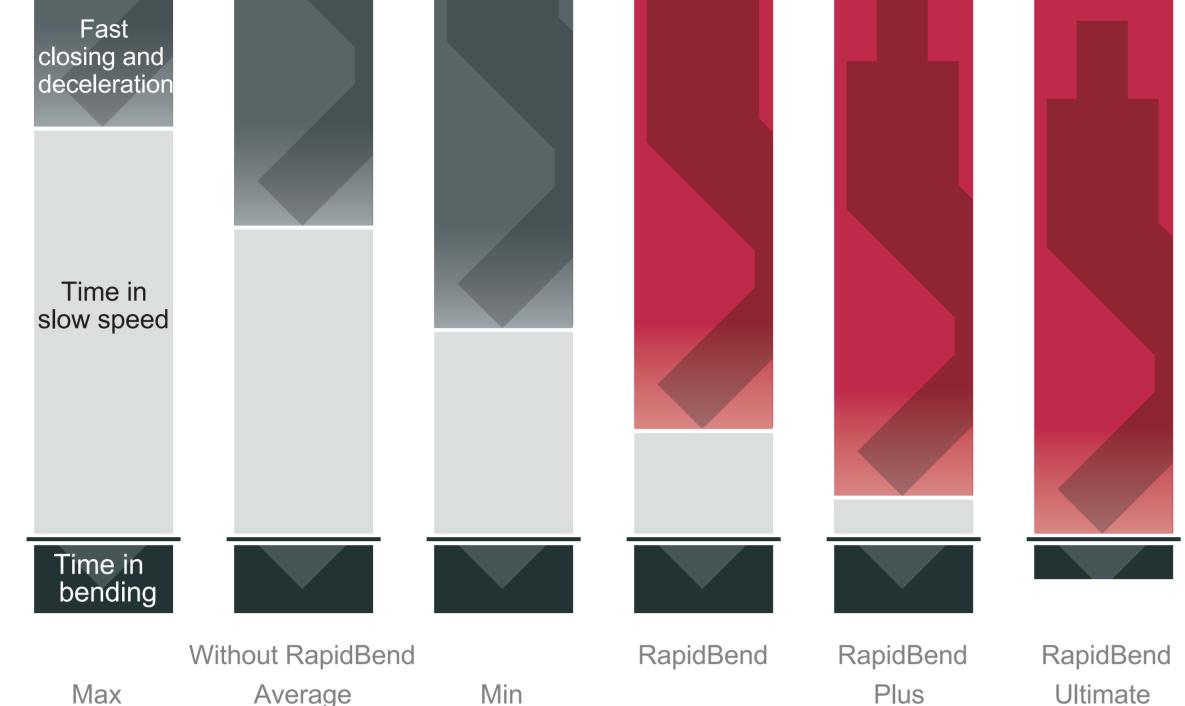
LAZERSAFE OPTICAL SAFETY GUARDS

Performance without compromise.

ACCURL use LazerSafe LZS-LG-HS guarding system which offers a highly effective solution for both operator safety and machine productivity. Designed for use with Lazer Safe's PCSS A Serice, the Lazersafe is category 4 compliant and meets the world's most demanding international safety standards (CE Certified Category 4 Safety Controller with integrated).

Optical protection systems with RapidBendtechnology employs a patented progressive muting process that enables the press brake to close safely at high speed until the tool opening is only 6mm. This reduces the slow speed travel distance to enhance

RapidBend Plus reduces the speed change point even further from 6mm down to just 2mm to significantly enhance machine productivity, especially in high level production environments.

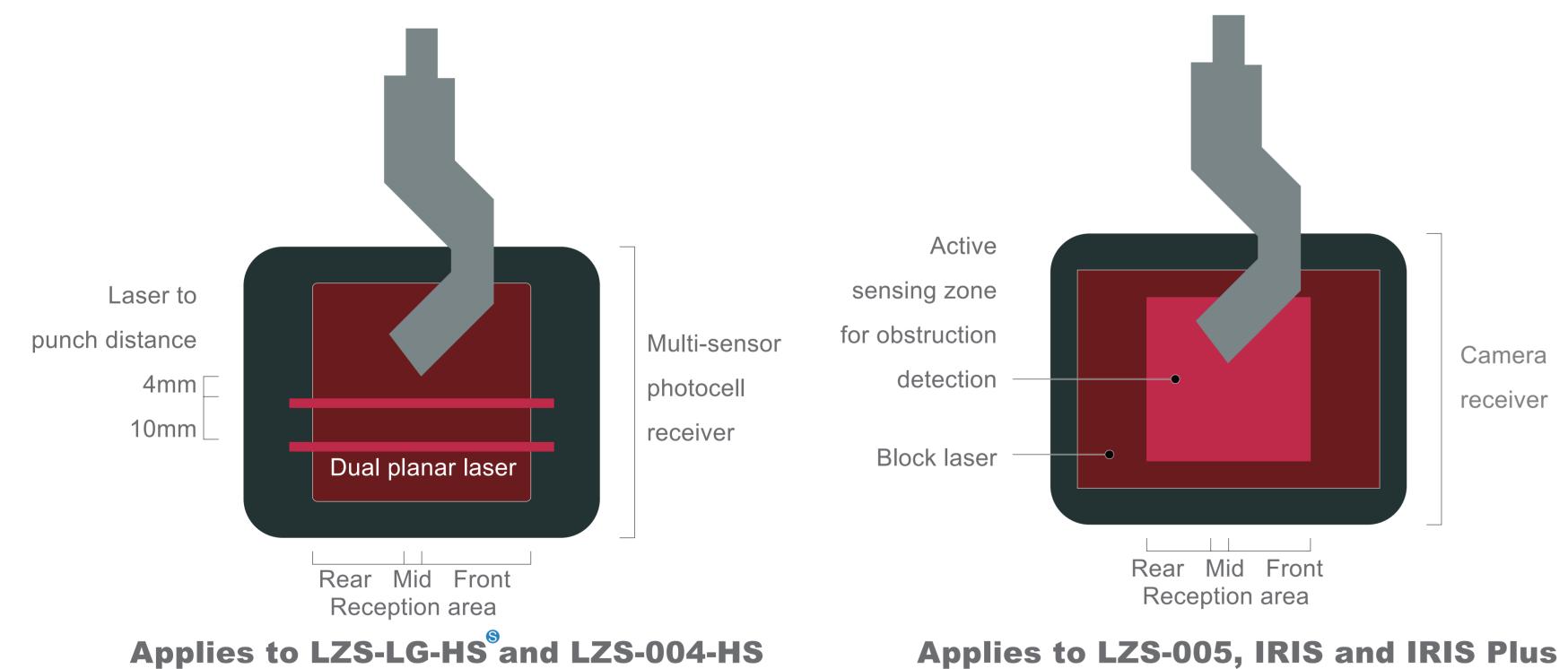


Automatic tool alignment:

machine productivity.

The Systems with a camera receiver feature automatic tool alignment that eliminates the need for precise manual adjustment and reduces tool set-up time. After tool change simply press the TOOL ALIGN button on the receiver. The receiver scans the punch to locate the tool tip then automatically adjusts the protection zone.



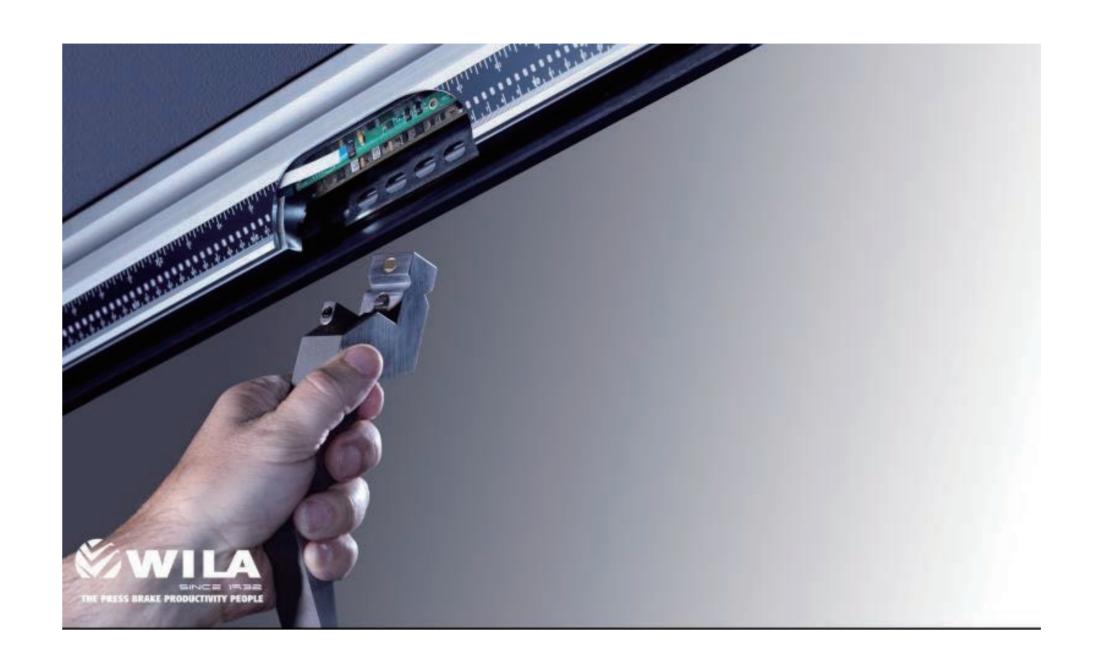


Certification And Standards Compliance:

LZS Series and IRIS Series hardware and software is CE Certified and compliant with all international press brake safety standards including EN12622, ANSI B11.3-2012, CSA Z142-10 and NR12.

PACCURL®

WILA TOOL IDENTIFICATION AND POSITIONING SYSTEM (TIPS)



The WILA TIPS system is an integrated part of the press brake control system, and helps to identify tools and to continuously read their position. The tools are localized and identified irrespective of whether they are located in the upper clamping, lower clamping or storage system.

LASER CHECK ANGLE MEASUREMENT SYSTEM

Laser Check, manufactured by Data M Engineering, is a bend angle measurement and correction system by means of a laser beam. The device is made of a laser and a camera on both sides of the bending line. Detection is carried out in this way

- a laser beam is projected on the sheet metal surface
- the camera detects the laser beam
- the angle between the beam and the camera axis determines the bend angle



ANGLE MEASURERS

MODEL	REACT	IRIS PLUS	LASERCHECK (10 / 11 / 12)
	THE RESERVE AND THE RESERVE AN		

Type	Protractor	Camera	Laser
Active correction	_		
Accuracy	± 0,1°	up to 0,25°	± 0,1°
Max. V die	-	35 mm	200 mm





SUPPORTS

Sheet supports are auxiliary bending accessories. They must be chosen according to the dimensions and weight of the pieces.

Front supports: Support the plate during the front feed;
Back supports: Support the plate in the approach to the back gauge;
Follower supports: Support the movement of the plate during the bending.



FRONTAL SUPPORTS



- . Supported on any position of the clamps;
- . Manual height regulation;
- . Device for approaching to the die;
- . Load capacity:
- < 200 Ton: 75 kg per support</p>
- ≥ 200 Ton: 150 kg per support.

SFS



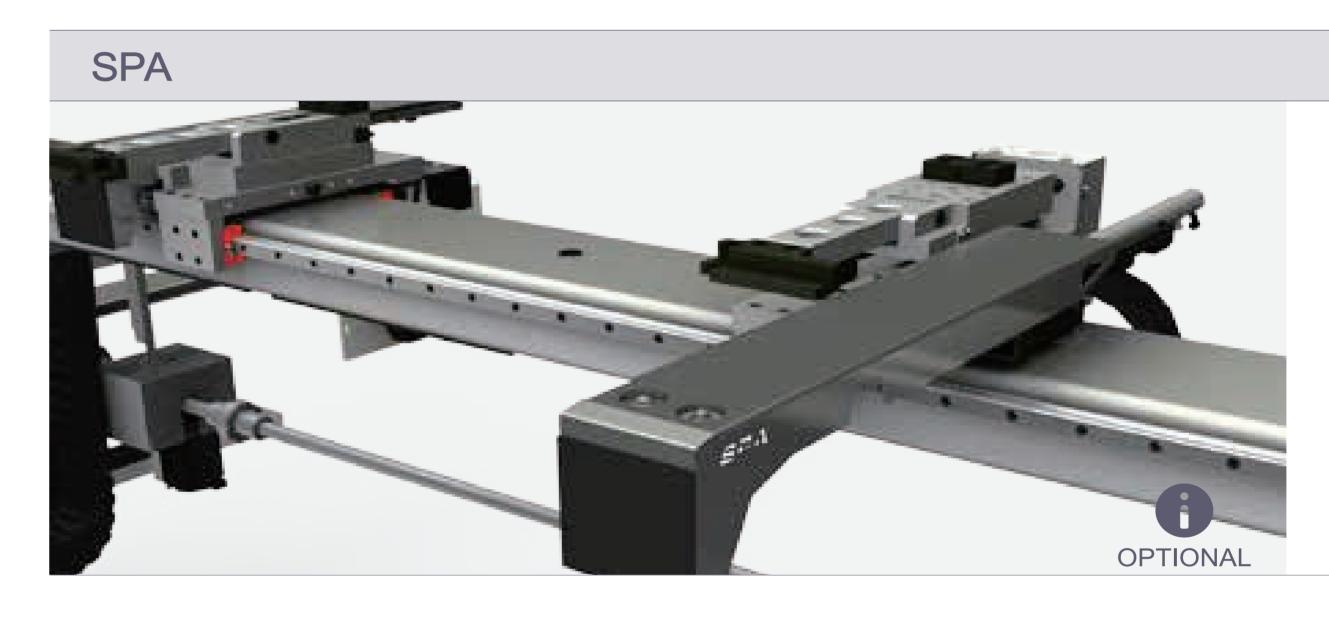
- . Supported on sliding guides;
- . Can be placed at any point along the length;
- Manual height regulation;
- . Millimetric scale;
- . Ball transfer units to facilitate handling parts;
- . Adjustable plate stop;
- . Device for approaching to the die;
- . Removable supports;
- . Load capacity:
- < 200 Ton: 100 kg per support
- ≥ 200 Ton: 150 kg per support.

SFH



- . Supported on sliding guides;
- . Continuous manual height regulation;
- . Millimetric scale;
- . Ball transfer units to facilitate handling parts;
- . Adjustable plate stop;
- . Load capacity 2000 kg per support.

REAR SUPPORTS



SPA supports are installed on the fingers of the back gauge. They can be activated in predefined bending and enable the plate to slide until it lies adjacent to the back gauge.

Load capacity – 30 kg per support.

FOLLOWER SUPPORTS



- . Automatic bending follower supports;
- . Controlled by CNC;
- . Recommended for heavy parts or large thin
- . Supported on longitudinal sliding rails;
- . X and Y position adjustment;
- . Load capacity 180 kg per support.

ACF1/ACF2



- . Automatic bending follower supports.
 Controlled by CNC;
- . Recommended for heavy parts or large thin plate;
- . Supported on longitudinal sliding rails;
- . X and Y position adjustment;
- . Load capacity:
 - ACF 1: 160 kg per support
 - ACF 2: 400 kg per support.



STAND-BY ECO FUNCTION®

AccurlUSA promotes a friendly environmental policy, and, as such, all equipment features the **StandbyFunction**.

This function promotes energy savings by enabling the ability to reduce power consumption.



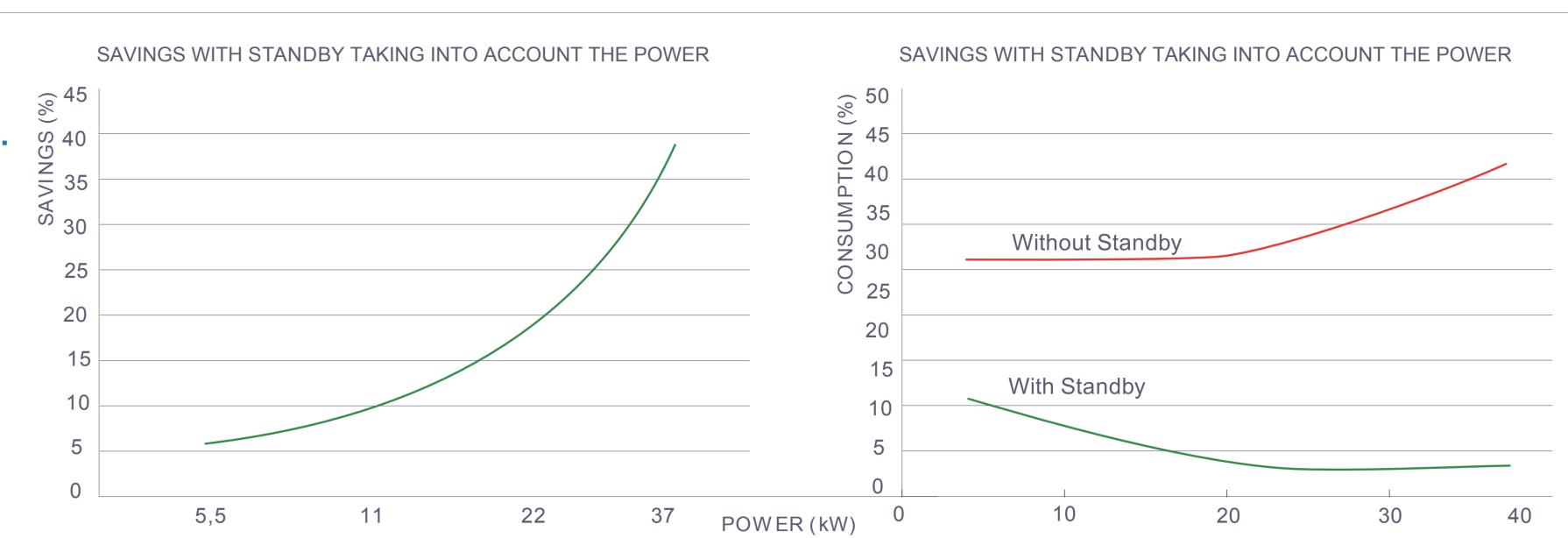






- -Low energy consumption
- -Low maintenance
- -Low noise

Standby Function ensures an effective economy of energy on an automatic basis.







NEW WILA PRO STANDARD TOOLING SYSTEM

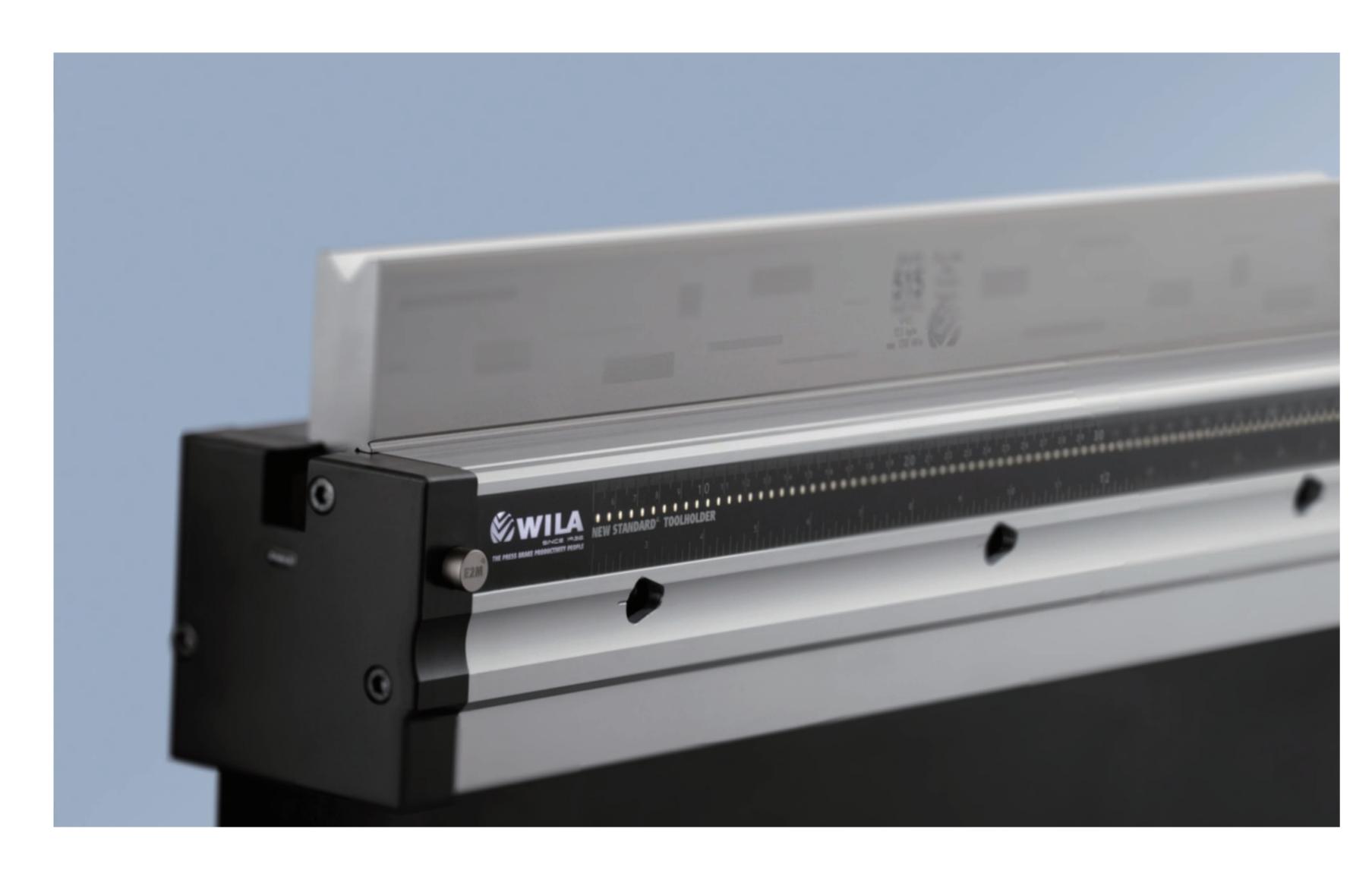
Wila's 'New Standard' Tooling System has become the market leader for precision, quality and flexibility. The self seating and self aligning features considerably improve your set up times and productivity of your Press brake. Both bottom (OZU) and top (BIU) tooling are clamped hydraulically. The bottom clamping is integrated in the crowning table.

New Standard tooling is safe: the Safety-Click system (for top tools up to 12,5 kg) enables vertical loading and unloading of your top tooling without any risk. Working surfaces and bending radius of New Standard tooling are hardened and precision ground for maximum longevity.



WILA STANDARD PRO CROWNING AND TOOL HOLDERS

WILA Crowning systems fully compensate for the deflection in Press brakes. This results in a consistent bending angle across the entire length of the machine. WILA New Standard Crowning Systems utilizes accuracy.

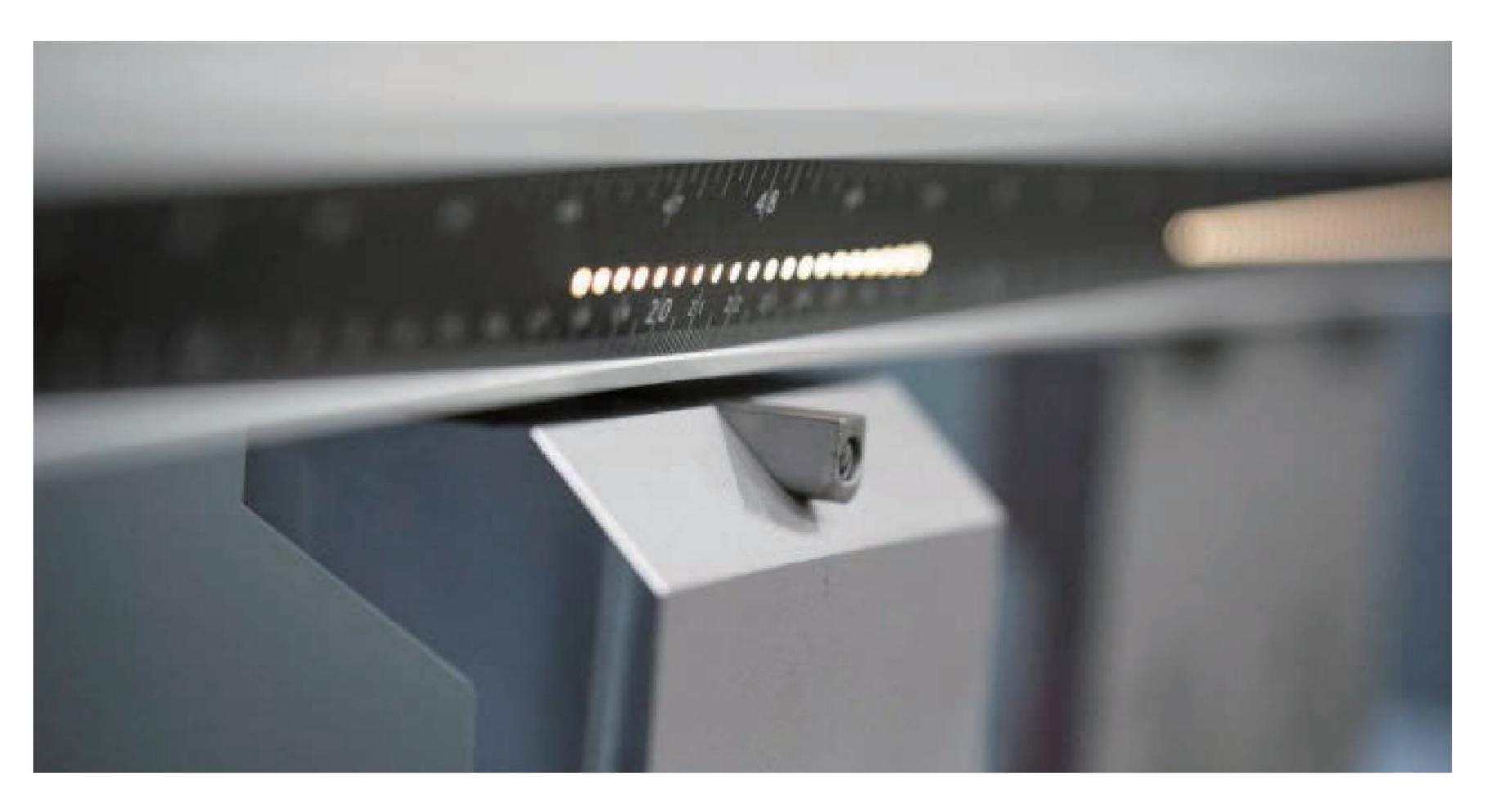


ACCURL

SMART TOOL LOCATOR (STL)

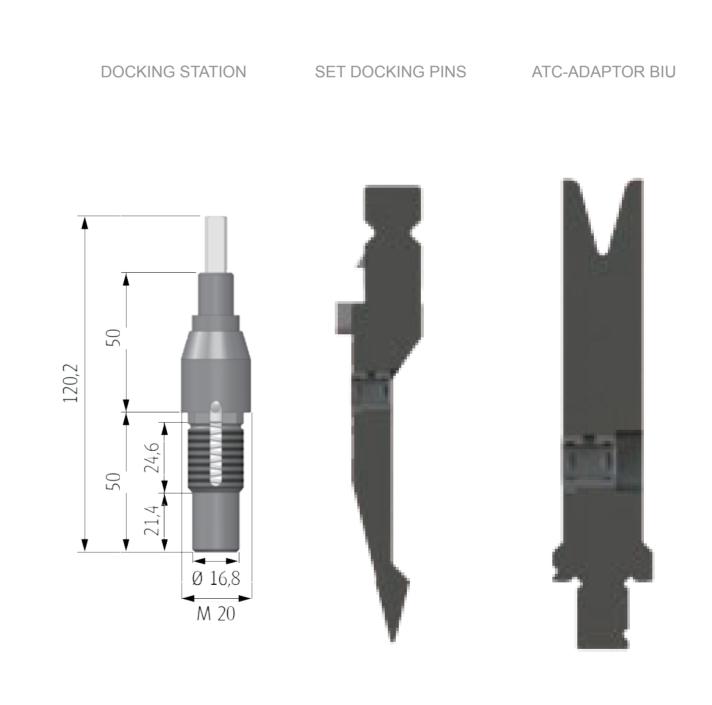
The Smart Tool Locator (STL) further increases your Press brake productivity. The system indicates the correct clamping position of your tooling during tool set up and indicates the active tool location in production mode with the use of LED's.

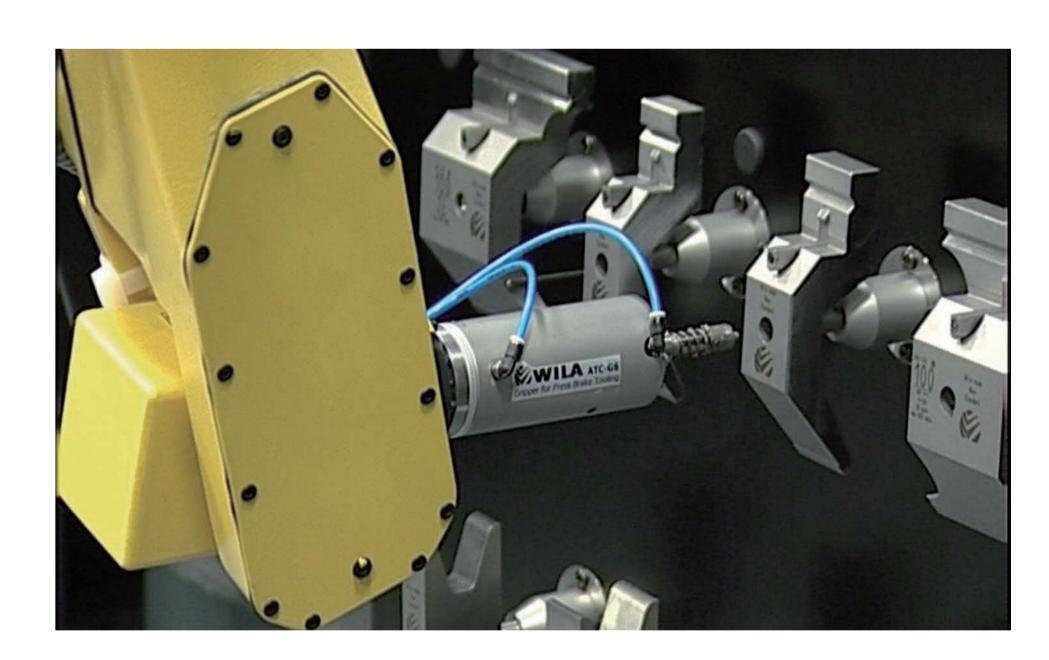
The Smart Tool Locator offers significant benefits in speed, precision and flexibility.



AUTOMATIC TOOL CHANGE ATC-G7 GRIPPERZ®

With the introduction of the ATC-G7 Gripper, Wila makes it possible for robotic press brakes to bend small batches of various products in random order automatically. Now, bending on demand has been made possible





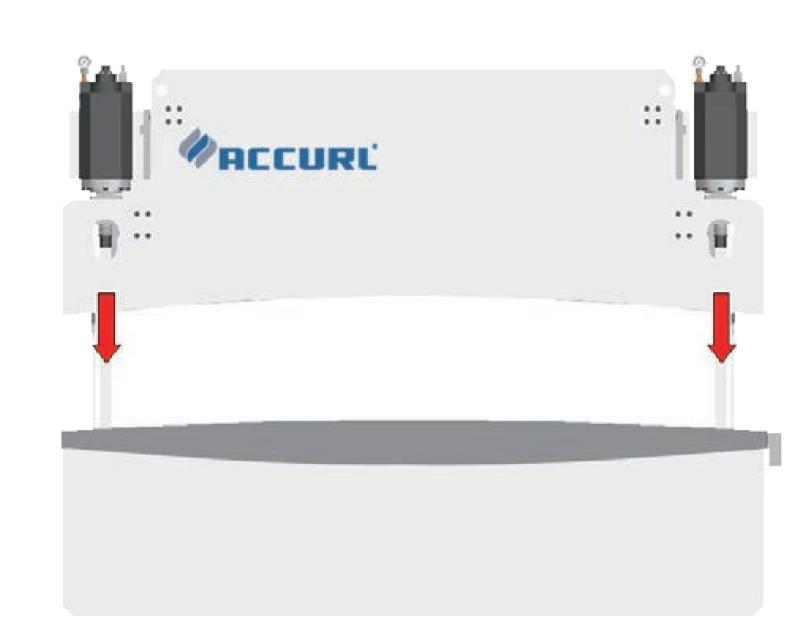
GRIPPER ATC-G7	
Specifications	Ø70 *256 mm
Weight	2,5 kg
Change-over time	5 seconds
Max. tool weight	12,5 kg
Min. ~ max. tool length	20 ~ 255 mm
Tool shapes	handles all the WILA New Standardž top and bottom tool models

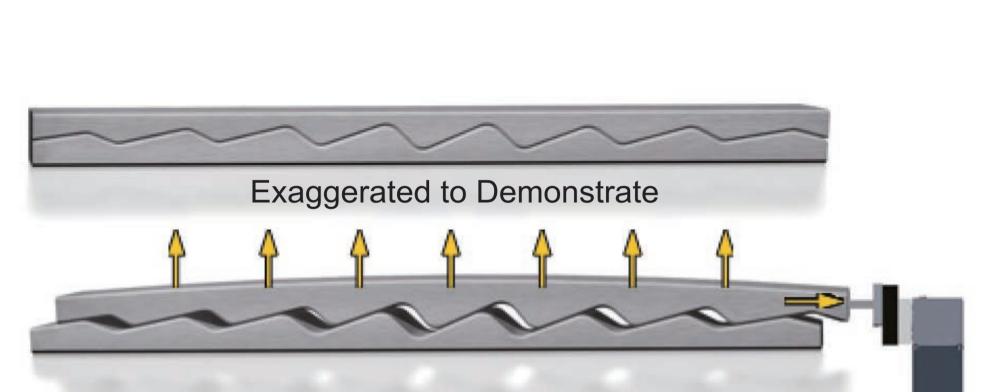
18

CROWING TABLE

This system enables the user to offset deformations of the beam while bending. Thus allows the angle to remain constant throughout the entire bend length.

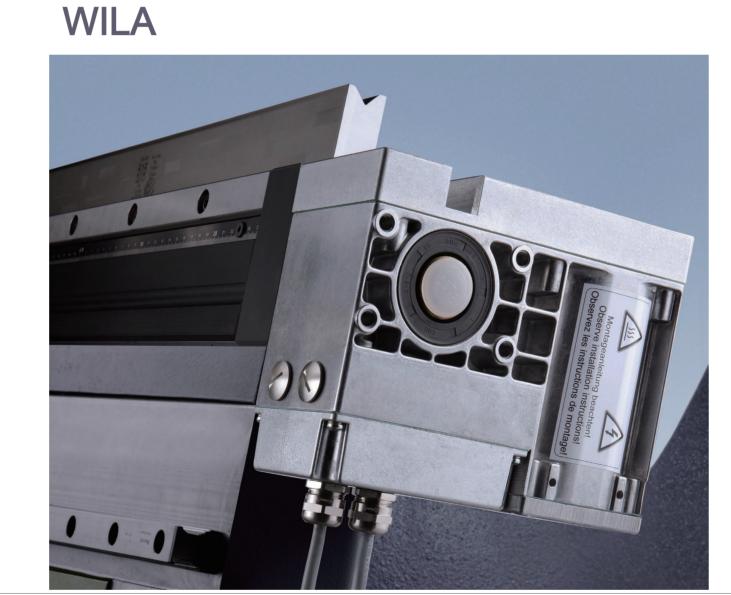
The compensating arc is accurately calculated taking into account the design of the machine and its deformations under load. The process is automatic and the calculation takes into account the thickness of the sheet, type of material, opening of the V and length.





Genius Series Comes Standard with Accurl Pro CNC
Crowning System

PROMECAM



S-BOOST

Increased productivity is a major goal of today's enterprises. S-Boost is a fast speed up and down. system that offers a greater

S-boost 1	up to 200 Ton
S-boost 2	from 200 to 300 Ton



NOTE: Speed values with S-Boost are described on page 13.

PACCURL®

TOOL CABINET

	Shelves	Sliding shelves
Arm1	4	_
Arm2	8	-
Arm1A	4	



OFFLINE SOFTWARE

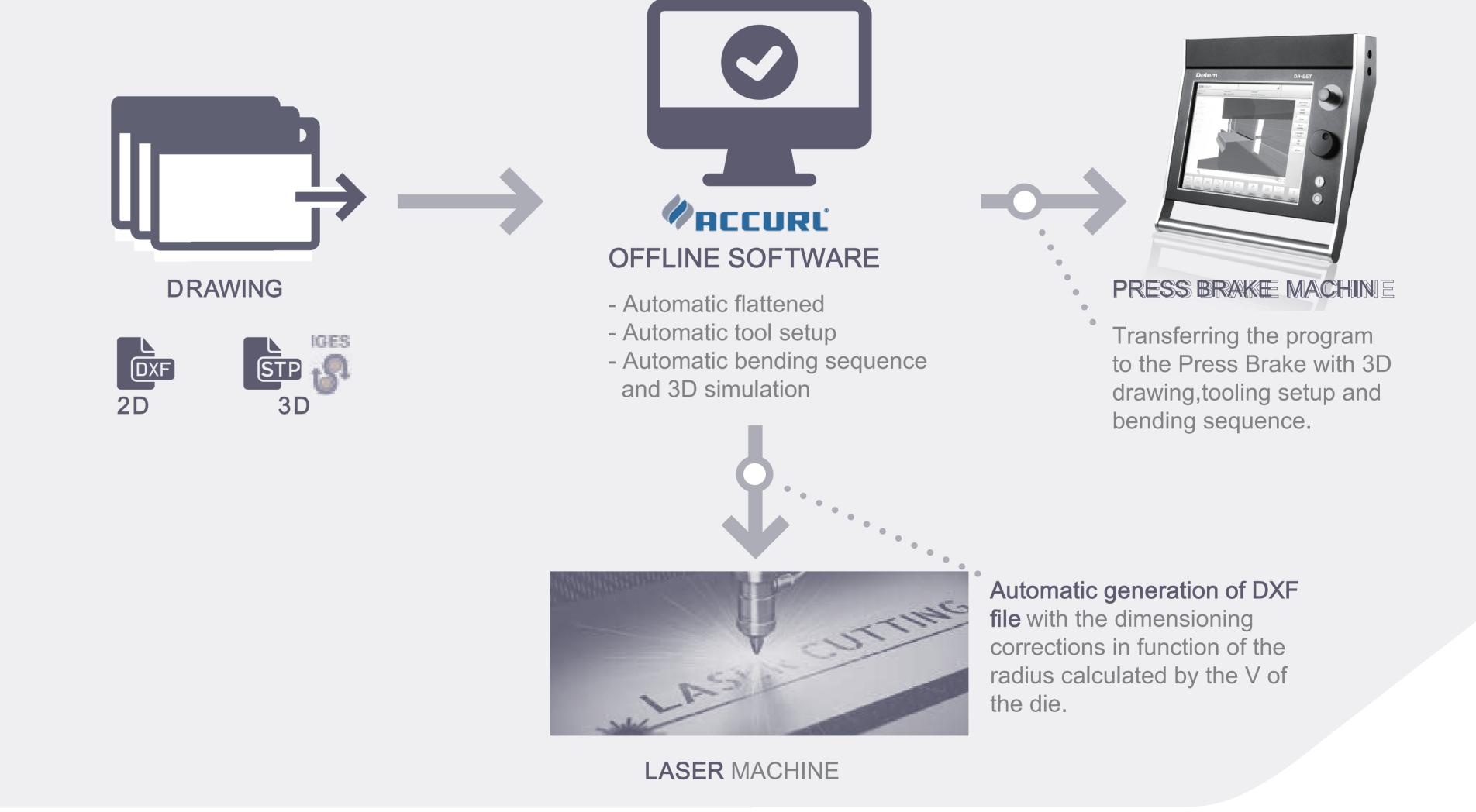
Offline software is an indispensable tool to increase the profitability of a machine.

All ACCURL machines have offline software included depending on the machine control.

In the case of 3D software's allow the import of the 2D / 3D files automatically realizing the programming of the bending and creating a file for the cut.

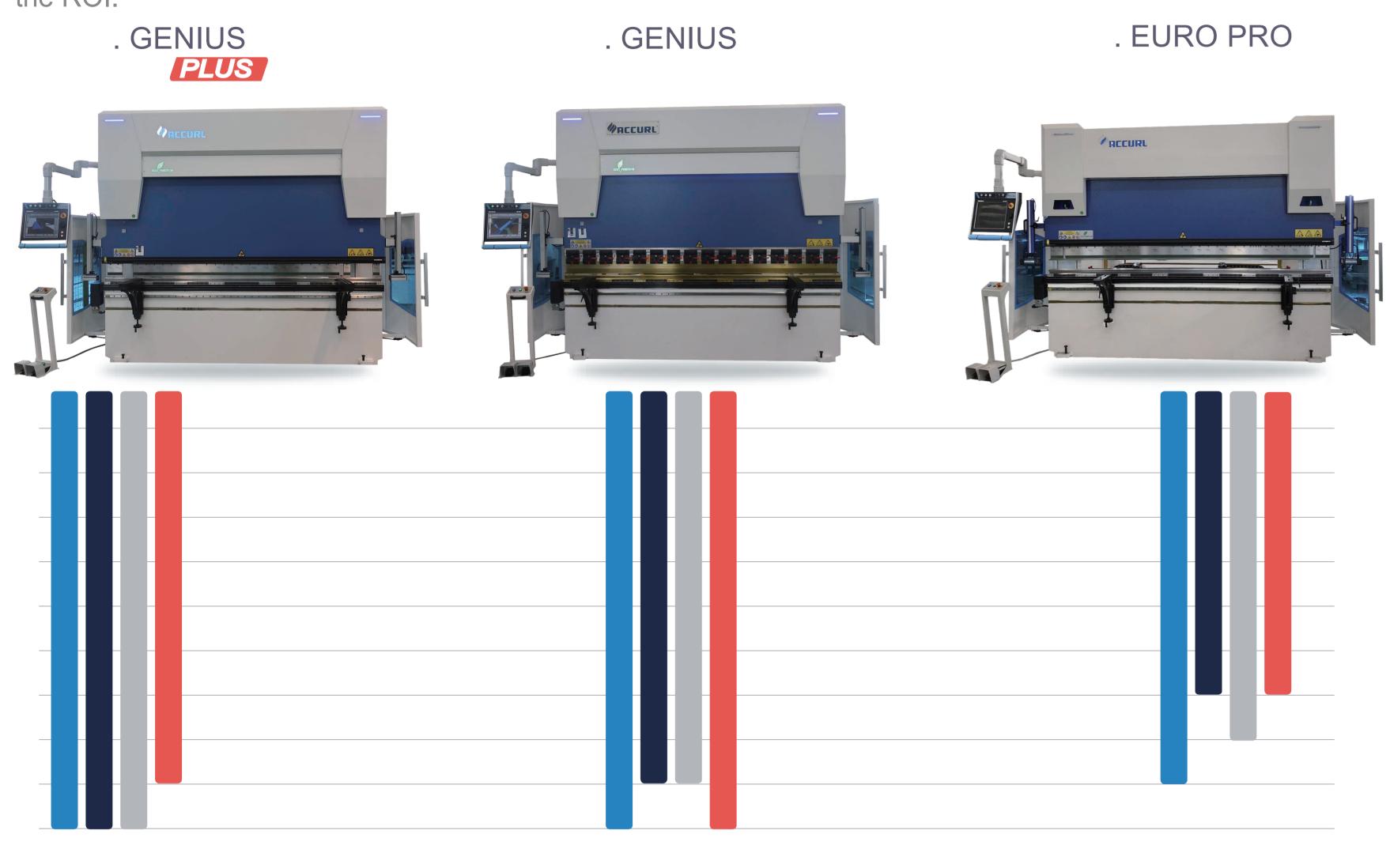
	2D	3D
Profile TL ^S		_
Profile T2D		_
Profile T3D		
PC Modeva		
PC RA		
Radbend		





PRESS BRAKES RANGE

AccurlUSA offers 3 series of Press Brakes each equipped with different configurations, but with common characteristics & high quality. When considering to purchase, one must focus on choosing the most appropriate equipment for the job, also taking into account the ROI.



Accuracy

General speed's

Structural Performance

Stroke range

. OTHER ELEMENTS

	STANDARD CONTROZ	STANDARD AXES	PROFILE TL	PROFILE T3D	ECO FUNCTIN
EURO PRO	Delem DA-58T	4		-	-
GENIUS	Delem DA-66T	6		-	
GENIUS PLUS	Delem DA-66T	6			



Day-to-day operations are important, but long-term business strategy will determine the ongoing and further success. Building a reliable board of principles will help to ensure that our vision for the future will be carried forward.

Nearly 50 years of expertise in the manufacturing of Press brakes and Guillotines give us the security and experience that is needed for future

TRUST + RELIABILITY

High standards of quality, along with our team built by the best training and knowledge is what composes our success. Our products are the result of a continued focus on improving internal processes by high quality levels, which result in the recognition of Accurl as a quality guaranteed machine.

SUSTAINABLE GROWTH

The purpose of Accurls strategy is sustainable growth that can ensure a constant investment in innovation, which results in added value for the customer.



SPECIFICATIONS

	Bending length	nage	oat depth	ım stroke	Daylinght	aylight 2 *	Fast	Bending	Return (rs)	S-Boost *	capacity	ck gauge stroke	or power	Total length (A)	Total height (B)	Total width (C)	Distance between frames	Heigth under the floor	ox. weight													
		Ton	Thro	Beam		Day		Y axis sp			Ö	Ba	Motor		Din	nension	S		Aprox													
	FT	Ton	in		in			mm/s			Gal	in	HP			in			lbs													
Genius B1330	4'1"	33		6.3"		20.5"	210	0-10/ 20*	140	230	20	23.7"	4	72"	77"	66"	48"	0	6450													
Genius B1540	4'9"	44	11.8"			20.5"	210	0-10/ 20*	140	230	20	23.7"	5	90"	92"	66"	63"		8450													
Genius B2050	6'8"	55	12.6"	7.8"	16.6	20.5"	210	0-10/ 18*	145	220	32	29.6"	7.5	100"	98"	66"	63"		10,450													
Genius B2580	8'6"	88	11.8"	10.3	"18.9"	21.7"	210	0-10/ 18*	145	220	32	29.6"	10	132"	106"	66"	83"	0	14,250													
Genius B3080	10'1"													133"	106"	66"	102"		15,600													
Genius B20110	6'9"													113"	110"	80"	63"		15,500													
Genius B25110	8.6" 10'1"													133"	110"	80"	83" 102"		16,800													
Genius B30110	11'9"	121	17.8"	11.9	"18.9"	21.7"	200	0-10/ 18*	145	220	50	29.6"	10	172"	110"	80"	102	0	18,430 20,950													
Genius B35110	13'4"													192"	110"	80"	122"		22,650													
Genius B40110 Genius B60110	20'								125	200				274"	3120	77"	200"		42,200													
Genius B30135	10'1"								120	200				135"	122"	67"	102"		22,430													
Genius B35135	11'9"								135	200				173"	112"	67"	122"		23,805													
Genius B40135	13'4"	150	17.8	11.9	"18.9"	21.7"	200	0-10/ 17*	100	200	60	29.6"	15	192"	112"	67"	122"	0	24,970													
Genius B60135	20'							-	115	180				274"	122"	77"	200"		44,650													
Genius B30175	10'1"								110	100				136"	114"	68"	102"		23,600													
Genius B35175	11'9"								155	205				173"	114"	68"	122"		26,900													
Genius B40175	13'4"	192	17.8	11.9	"18.9"	21.7"	200	0-10/ 17*	100	200	60	29.6"	20	192"	114"	68"	122"	0	27,500													
Genius B60175	20'																				_	135	195				274"	129"	80"	200"		53,640
Genius B30220	10'1"													173"	114"	77"	102"		27,900													
Genius B35220	11'9"								130	200				173"	114"	77"	122"	0	29,900													
Genius B40220	13'4"	242	17.8	11.9	"18.9"	21.7"	200	0-10/ 17*			77	29.6"	20	192"	114"	77"	122"		32,400													
Genius B60220	20'							-	110	180				275"	122"	80"	200"	0	60,000													
Genius B30250	10'1"													173"	135"	77"	102"		33,900													
Genius B35250	11'9"								130	205				173"	135"	77"	122"	0	25,900													
Genius B40250	13'4"	275	17.8	13.8'	21.7"	23.6"	180	0-10/ 17*			105	29.6"	25	192"	135"	77"	122"		36,250													
Genius B60250	20'	275	17.8	15.8	21.7"	23.6"	180	0-10/ 17*	110	195				276"	147"	80"	200"	0	75,320													
Genius B30300	10'1"													173"	135"	77"	102"		36,850													
Genius B35320	11'9"	250	17 0	15 0'	' 24 7"	22 6"	100	0 10/ 17*	130	205	105	20 6"	40	173"	135"	77"	122"	0	38,700													
Genius B40320	13'4"	350	17.8	15.8	21.7	23.6"	180	0-10/ 17*			125	29.6"	40	192"	135"	77"	122"		40,150													
Genius B60320	20'								110	195				277"	147"	84"	200"	0	82,200													
Genius B35400	11'9"		17.8						120					173"	147"	90"	122"	0	51,200													
Genius B40400	13'4"	440	17.0	15.8	23.7"	25.2"	170	0-10	120	_	100	39.4"	40	194"	147"	90"	122"	U	52,900													
Genius B60400	20'		17.8						100					277"	153"	96"	200"	0	88,200													
Genius B35450	11'9"		17.8						105					173"	146"	90"	122"	0	52,750													
Genius B40450	13'4"	500	17.0	15.8	"23.7"	25.2"	150	0-10	100	_	100	39.4"	40	194"	146"	90"	122"		55,100													
Genius B60450	20'		17.8						90					277"	148"	96"	200"	53"	91,650													
Genius B35500	11'9"		17.8						105					178"	148"	96"	122"	0	57,960													
Genius B40500	13'4"	550		15.8	"23.7"	25.2"	140	0-10		_	100	39.4"	40	200"	148"	96"	122"		61,200													
Genius B60500	20'		17.8						90					280"	160"	100"	122"	66"	96,900													
Genius B40600	13'4"	660	17.8	17"	25,6"	27.2"	130	0-10	115	_	160	39.4"	60	200"	157"	100"	122"	35"	71,850													
Genius B60600	20'		17.8						100				-	280"	160"	99"	200"	66"	99,700													

^{*} Optional

RCCURL

P | 24

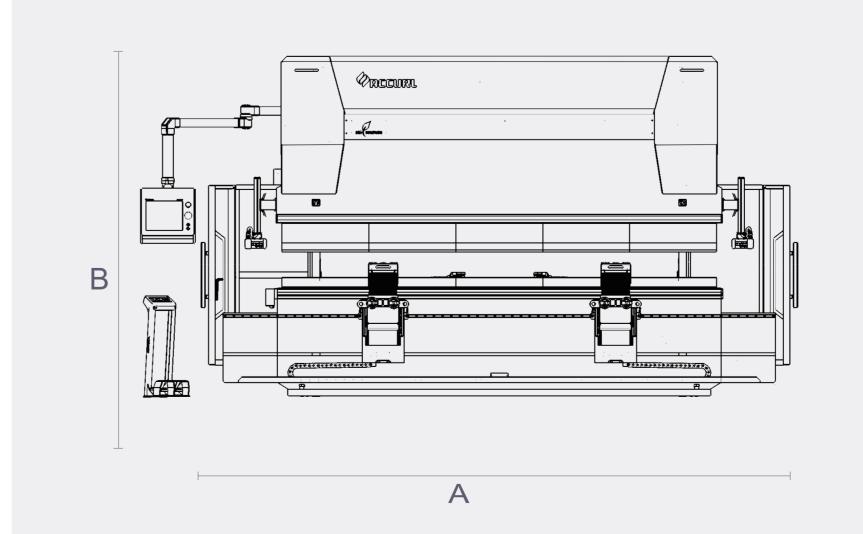
BENDING TABLE

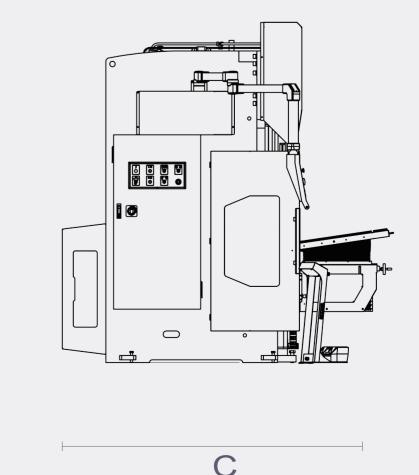
. Required bending power (Ton/m)

Rm=42 daN/mm²-Rm=70 daN/mm²

S (mm)

												(/								
R	В	V	0,5	0,6	0,8	1	1,2	1,5	2	2,5	3	4	5	6	8	10	12	15	20	25	30
0,5	3	4	4 7	6	12																
0,7	3,5	5	3	5	9	15 25											90) ∞			
0,8	4	6	2_4	3	7	11 19	18										J _F	L /	10	> .	
1	5,5	8		2,4	5 ₈	8	12	21									>			\sigma	
1,3	6,5	10			4 ₆	6	9	15 26	30								r				
1,5	8	12				5 ₈	7	12	23	39							Y				
2	10,5	16					58	8	16 26	27 45	44						V				
2,5	13	20						6	12	20	31 52	60					V	→			
3,2	16,5	25							9	14	23	44	76 126								
4,4	21	32								11 18	16	32	54 90	85 142							
5	26	40									12	23	39	62	121						
6,5	32,5	50										18	29	45 76	88	151 252					
8	41	63											22	33	70 117	109	173				
10	52	80												25	46	79 131	124	213 354			
12	65	100													35	58 96	91 151	155 258	302		
15	81,5	125														44	66 110	113	220 367	378 630	
20	104	160															50	81 135	158 263	269 448	425 709
25	130	200																62 104	89	197	310 517
37	163	250																	148	144 240	227 378
45	195	300																		120	





ALL DIMENSIONS CAN BE DIFFERENT ON CUSTO MIZED MACHINES.

THE DIMENSIONS FOR TRANSPORT CAN BE DIFFERENT.





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