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Innovative Technologies.



SPEZDBEND SERIES
Synchronized Hydraulic Press Brake

ERMAKSAN
SHEET METAL WORKING MACHINERY



80.000 sqm

Largest manufacturing facility
under one roof in Europe
in its sector.



ERMAKSAN is well known for productive and result oriented research & development activities as well as affordable high-tech products in fabricating industry. With 47 years of manufacturing experience ERMAKSAN continuously invests on latest technology and its human resources.

ERMAKSAN manufactures 3000 machines annually with 700 qualified staff in a fully modernized 80.000 sqm factory equipped with state-of art machinery. ERMAKSAN exports 80% of its production through agents under the brand ERMAK from Canada to New Zealand, more than 70 countries in the world and provides full technical support since 1965.

By purchasing ERMAK machines, you will be investing on your future. With this decision we promise you to deliver the machine which will suit your needs and provide the best purchasing experience by means of price, delivery, quality, training and after-sales technical support.

ERMAKSAN
SHEET METAL WORKING MACHINERY

InnovativeTechnologies.



28.000

Machining capacity of 28.000 mm
single part.



3.000

3.000 machines manufactured annually.

SPEEDBEND SERIES

Synchronized Hydraulic Press Brake

Production times are the most important profit issues of enterprises.

Speed-Bend series is designed to enable speed and high quality production capability in order to decrease time unit costs in a competitive environment.

Your new future trend...

SHIFT TO SPEED

Shift to speed;

According to the present day demands; free fall and return movement speeds are increased with Speed-Bend. Thanks to these series, twice times faster production than regular CNC press brakes.

Motorized crowning system.

Motorized crowning system helps bending your parts in same angle along every point of piece by sending signals to controller.





Rigit structure.
Dynamic and solid body machined with maximum sensitivity.

Sliding front support arms.
Scaled in metric, height adjustable front support arms.

Foot pedal.
Double foot pedal helps you bend your parts automatically and easily.

Explore

High operating speed.

Polished chrome-plated & grinded pistons.

Delem DA-66T controller.
Ease of use combined with state-of-the-art technology go hand in hand, improving productivity.

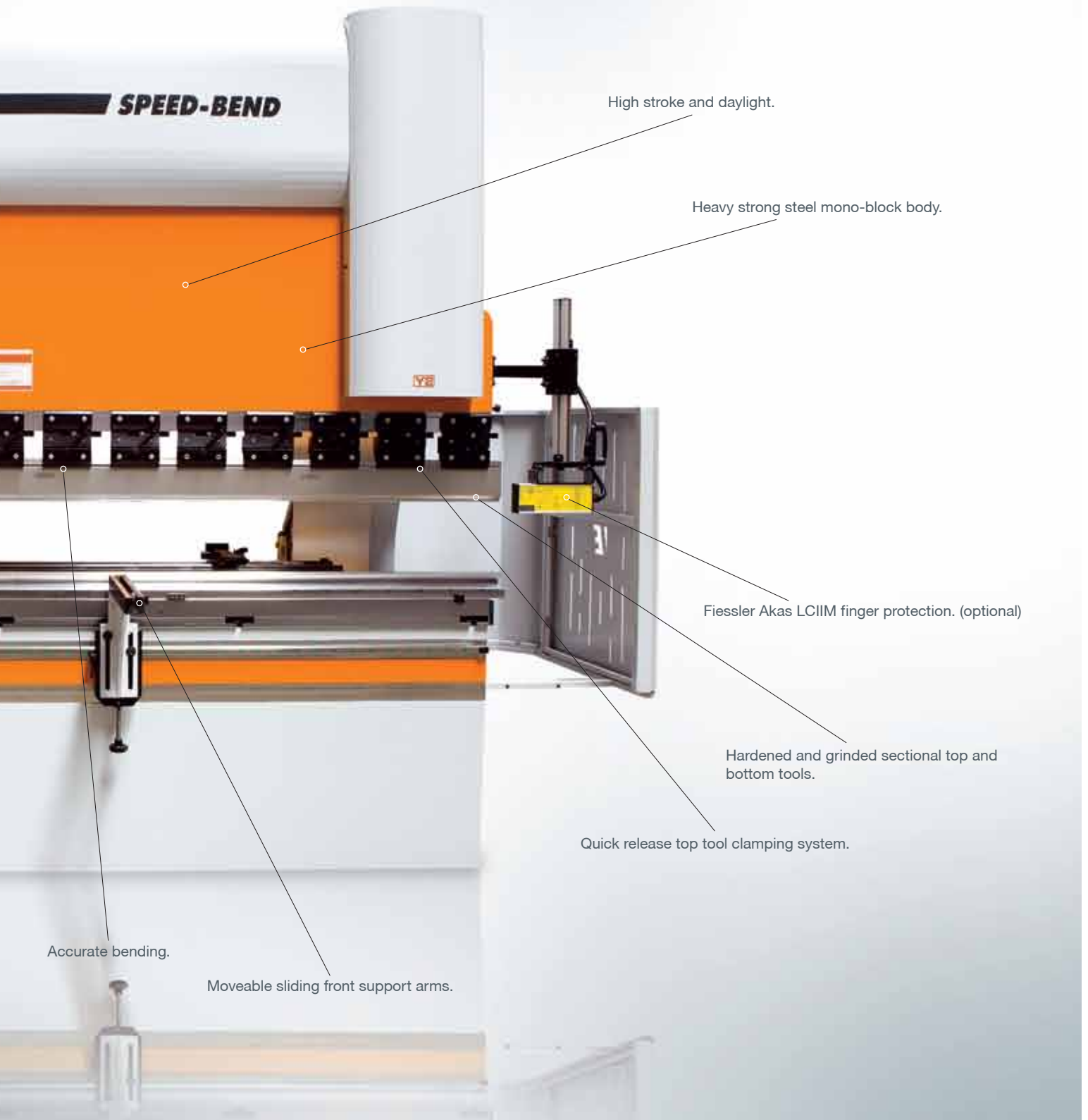
CNC controlled motorized crowning.
(standard)

Double foot pedal.

2 axis servo-motor driven back gauge system. (standard)



Speed Bend



SPEED-BEND

High stroke and daylight.

Heavy strong steel mono-block body.

Fiessler Akas LCiIM finger protection. (optional)

Hardened and grinded sectional top and bottom tools.

Quick release top tool clamping system.

Accurate bending.

Moveable sliding front support arms.

SPEEDBEND TANDEM SERIES

Synchronized Hydraulic Press Brake

Easily moveable controller unit.



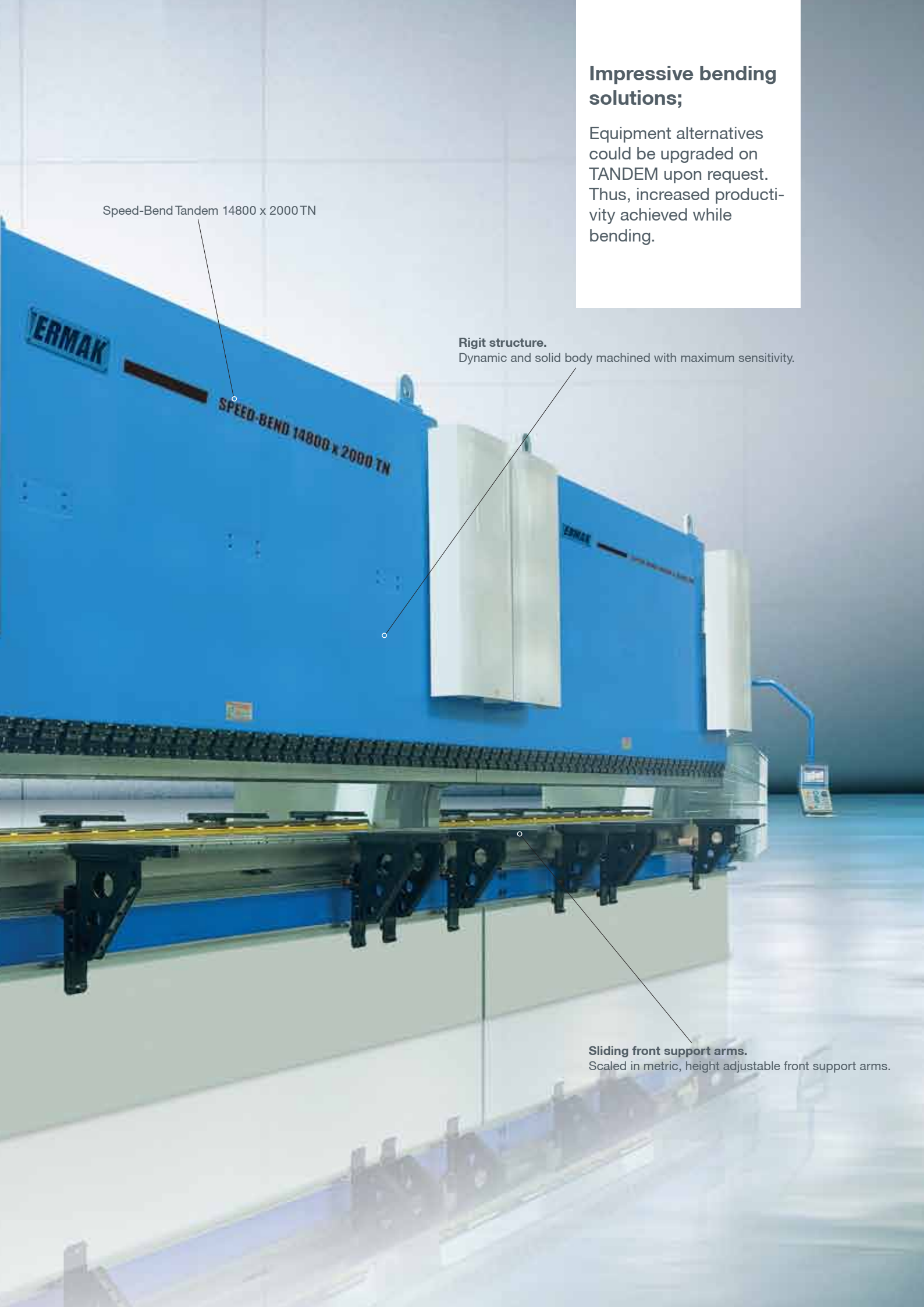
Impressive bending solutions;

Equipment alternatives could be upgraded on TANDEM upon request. Thus, increased productivity achieved while bending.

Speed-Bend Tandem 14800 x 2000 TN

Rigit structure.
Dynamic and solid body machined with maximum sensitivity.

Sliding front support arms.
Scaled in metric, height adjustable front support arms.



Extreme production with high performance in less time...

↓ “High-Speed Free Fall”

→ “High Pressing Speed”

↑ “High Returning Speed”

Free-fall, bending and return speeds of Speed-Bend series press brakes are increased in line with demanding and competitive production environment to the needs of today. Speed-Bend series offer 2 times faster production capacity compared to conventional CNC press brakes.

While increasing the speed, engineers of ERMAKSAN R&D did not forget to increase the stroke and opening (daylight) for an ever-more versatile press brake.

With these specs, deep bends can be realized with longer tools, parts can be easily taken out from front of the machine...

Z-type parts can be bent with long dies.

SICK M 2000 rear light guard.

CE standards safety protections help you work in safer conditions.



Servo motorized back gauge X + R (standard)

CNC backgauge designed by ERMAKSAN is fast and accurate. The strong construction ensures an efficient operation of the mechanism for long years. The system is moving on servo motor driven ball screw shafts and on linear bearings with an accuracy of 0.01.

Backgauge can be upgraded with X1, X2, Z1, Z2, R1 and R2 on your request.



Back gauge fingers.

Special design foldable back gauge fingers.



4 axis (X, R, Z1, Z2) servo motorized back gauge.
Backgauge positioning with 0.05 mm accuracy.

Shift to Speed-Bend

- High Bending Speed
- High Bending Accuracy
- High Bending Capacity

- High quality and repetitive bending is obtained by using synchronized cylinders and valves.
- Automatic axis referencing and calibrating at very first time when machine is turned on.
- All ERMAKSAN machines are designed by using SOLID WORKS 3D programming and made by enhanced ST44-1 quality steel with the latest technology.
- Rigid upper beam runs on 8-point bearings with bending precision of 0.01 mm.
- World wide recognized long lasting, stiffened, precise top and bottom tools.
- Silent high pressure pump.



Delem DA-66T controller.

Ease of use combined with state-of-the-art technology go hand in hand, improving productivity.



Shift to Speed-Bend;

If you are looking for speed, versatility and high efficiency, so Speed-Bend press brakes series is the right choice.

Speed-Bend 7000 x 1500 TN



Speed-Bend 3100 x 800TN



ER90 controller.
Professional solutions with 3D controllers.

Foot pedal.
Double foot pedal helps you bend your parts automatically and easily.

Your solution for best bending results;

You can bend longer and deeper parts at maximum repeatability with standard Speed-Bend Series.

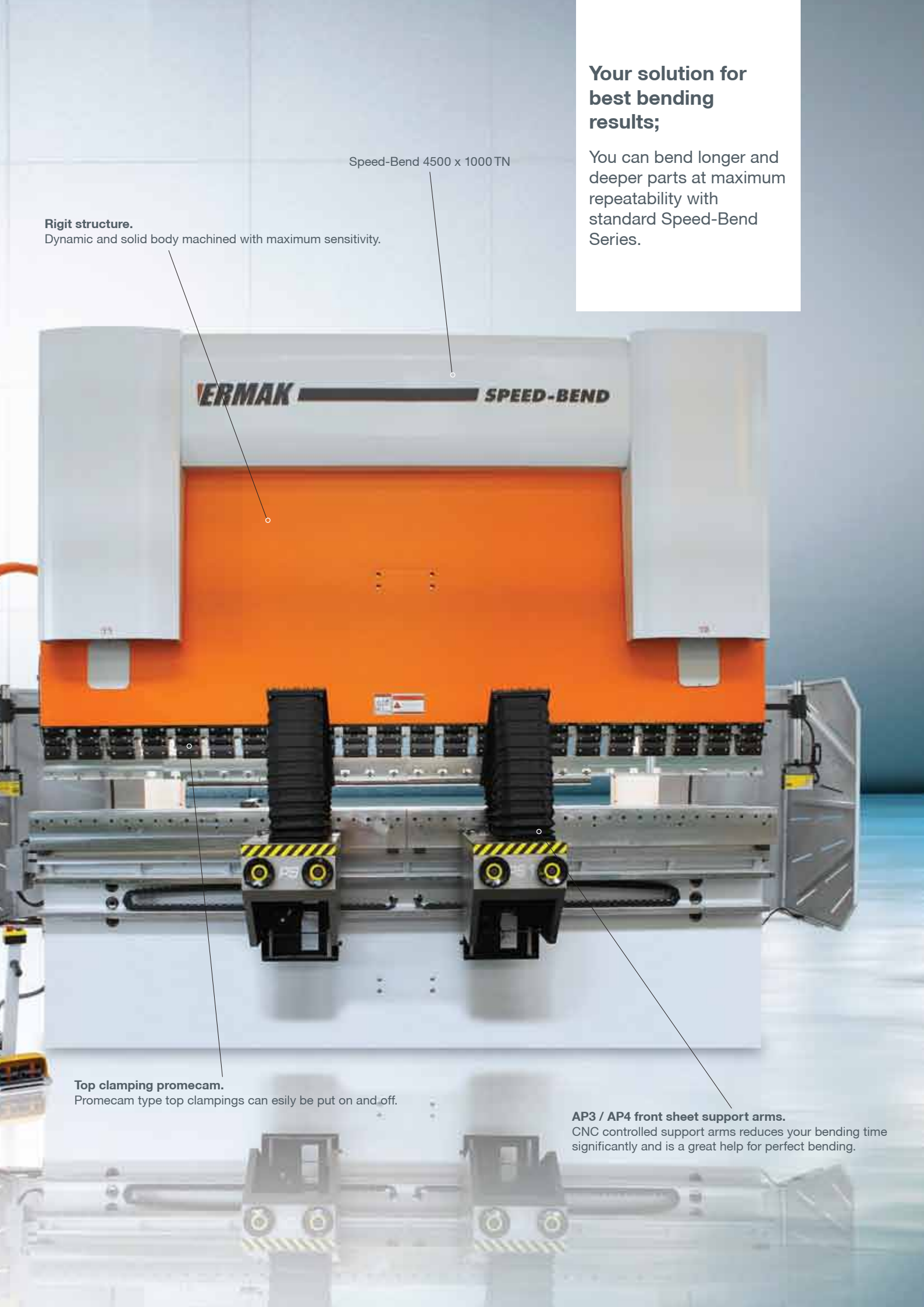
Speed-Bend 4500 x 1000 TN

Rigit structure.
Dynamic and solid body machined with maximum sensitivity.

ERMAK **SPEED-BEND**

Top clamping promecam.
Promecam type top clampings can esily be put on and off.

AP3 / AP4 front sheet support arms.
CNC controlled support arms reduces your bending time significantly and is a great help for perfect bending.





STANDARD CONTROLLER

General Specifications

- General Specifications
- Windows-style operating system.
- 2D and 3D programming.
- 3-D drawing feature.
- 2D DXF import feature.
- Automatic bending sequence search and collision control.
- 17" LCD touch-screen that facilitates sights of machine body, mould, back gauge, side protection guards, and components .
- Changeable color display unit (buttons, machine color, background color, color patterns, the background).
- Multi-functional alpha numeric keyboard.
- External attachment possibility of keyboard and mouse.
- Angle measurement and control through IMG 100 system.
- Enabling Tandem type operational application.
- Dynamic crowning.
- Remote access.
- Application of digital protractor.
- Motorized front-support system.
- Configuration that can be made up to 16 axes.
- Error message display.
- Inch / mm, t / ustons unit alterations.

EQUIPMENT SPECIFICATIONS:

- CPU card: Standard ETX module, Pentium M1.1 GHz, 512 MB DDR RAM.
- Monitor: Color LCD 17 "SVGA, touch screen.
- HDD: 80 GB. (200,000 programs and tools capacity)
- Serial Ports: COM1: RS232, COM2: RS422/RS232
- USB: 3 pieces 2.0
- Netcard: along with TCP / IP protocol, 10-100 based Ethernet.
- Wi-Fi adapter sold seperately.
- VGA display output.

ERMAK CAD/CAM Bending simulation software:

- For ERMAKSAN press brakes CAD / CAM sheet metal bending simulation. ER90 PC (Windows 98SE / ME / NT4 / 2000 / XP)
- Language Options: English, Spanish, Turkish, Dutch, French, German, Italian, Japanese, Polish, Portuguese, Russian, Finnish, Czech, Chinese.

- Ability to work with different measurement systems.
- Contextual online support.
- Material management.

Configuration program: EBS (Ermak Bending Simulator) Optional:

- 3D DXF / DWG part import.
- IGES / STEP, metal designer solid model import.
- Automatic tool selection according to part characteristics.
- Segmented tool management.
- Parts and tools inventory.
- Default installation or registration of the tool.
- Advanced manual machine tool functions.
- Display of measurements during part opening simulation.

ERMAK ER90

3D Bending Simulation





STANDARD CONTROLLER

Cybelec ModEva 12S

General Specifications

- Windows XP operating system.
- Large-key keyboard (mechanical movement) and integrated track sensor.
- 6 topics-sensitive function keys.
- TFT 12" high-resolution colour display.
- 1GB memory.
- Integrated 3,5" floppy-disk (optional CD-ROM, LS 120, or others).
- Printer output and 2 x RS232 ports.
- Error messages.
- Standard PC 1200 computer simulation programme.
- Ethernet RJ45 and 2 x USB ports.
- VGA display output.
- Change Inch/mm, TON/TONS, etc..
- Speed, stop time and top plate measurement leaking.
- CE safety loops management.
- Security and interactive broadcasting of usual posts.
- Can be configured up to 16 axes.
- Laser angle measurement.
- Motorized front support system.
- Tandem working.
- Dynamik crowning.
- Integrated Mouse.



Delem

DA-66T

General Specifications

- 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.
- Open system architecture.
- User specific application support within the controllers multitasking environment.
- Sensor bending & correction interface.
- Full touch screen control. (IR-touch)
- Storage capacity 256 MB.
- 3D graphics acceleration.
- Standard Windows® networking.
- Emergency switch.
- Integrated OEM-panel.
- USB flash memory drive.

Standard:

- Colour LCD display.
- 17" TFT, high brightness.
- 1280 x 1024 pixels, 32 bit colour.

Programming:

- Alphanumeric product naming.
- Real-scale product programming and visualisation.
- Automatic bend sequence calculation.
- Easy graphical bend sequence swap and move.
- Hemmed products programming.
- One page programming table.

Standard Equipments

- Mono block, welded steel frame rigid to deflection and high tensile with ST44 A1 material.
- 4 axes (Y1, Y2, X and R)
- Back gauge system with X+R axis driven by AC servo with colored graphics.
- Standard graphic controllers can be selected from: ER-90 3D color graphical touch screen controller with offline software, Cybele Mod Eva 12 S 3D color graphics with PC 1200 offline software, Delem DA-66T 2D with colored graphics.
 - HOERBIGER servo hydraulic system.
- CNC controlled motorized anti-deflection system.
Electrical panel with cooling system designed to meet CE standards and composed of automation and electrical equipments with SIEMENS brand.
- Hardened and grinded standard sectioned top and 4V-Die bottom tools (835 mm section).
- Easy to clamp tool holding system with upper and lower tools.
- Ergonomic user friendly, pendant control panel.
- Back light safety guards (category-4)
- Front side covers with safety switches.
- Synchronization of Y1+Y2 axis provided by linear encoders with 0,01 tolerances.
- Foot pedal conforming to CE regulation.
- Sliding front support arms with T slot and mm/inch rulers.
- Throat depth 410 mm.





Optional Equipments

- Graphical controllers; Cybelec ModEva 15S 3D with PC 1200 offline software, Delem DA-66T 2D graphical color controller.
- Z1+Z2 axis ▪ X1+X2 axis ▪ R1+R2 axis
- SICK C4000 advanced finger protections 14 mm (easy programable sick soft with PC: Blanking. Reduced resolution, cascade working etc), (category-4)
- Laser protection system for die area, LASERSAFE PCSS, AKAS LASER SAFETY IILC2000, AKAS LASER SAFETY IILC2000 (MOTORIZED), sick V 4000 (camera based system), DSP photo electric laser safety.
 - Laser angle measurement system, with LASERSAFE IMG 100 or Data-M cobra Laser check system.
- Hydraulic and dynamic-Hydraulic anti-deflection (crowning) features.
- ERMAK Pneumatic top tool clamping system.
- Hydraulic top and bottom tool clamping system.
- CNC controlled bending aids (AP3+AP4 axis).
- Hydraulic oil coolant and oil heaters.
- Automatic central lubrication system.
- Special throat depth (500,600,750 mm and above).
- Special top and bottom tools.
- Software options EBS ERMAK bending system software for ER-90, Cybelec PC1200, Cybelec CYCAD 2D DXF conversion, Delem V-Bend / V-DXF / V-Draw, Delem profile W2D/W3D.
- Tandem applications.
- Tool cabinets.

Safety Systems



Fiessler Akas LCIIM Protection System (O)



DSP Laser Protection System (O)



Laser Safe (O)

Laser safe that is produced specifically for press brakes that is the leader among safety systems. Laser safe keeps the operator's safety at the top level.



SICK Light Barrier (O)



SICK M 2000 Rear Light Guard (S)

CE standards safety protections help you work in safer conditions.



IMG 100 laser Safe and Angle Measurement System (O)

Laser Finger Protection helps you save time with easy installation.
- Angle Measurement can be used with ER-90.

Top Tool Clamping Systems



Promecam Top Tool Clamping System (S)
Top tool clamping system which provides quick tool change.



Pneumatic Tool Clamping System (O)
Pneumatic tool clamping systems press and center the tools automatically with the help of the pressurized air. These are perfect solutions to shorten the setup timing and for automated press brakes.



Hydraulic Tool Clamping System (O)
Hydraulic tool clamping systems clamp, correct and center the tools, with the help of the hydraulic automatically without need for air. These are perfect solutions to shorten the setup timing and for automated press brakes.



Wila Tool Clamping System (O)

Bottom Tool Clamping and Crowning Systems



Multi-V Bottom Tool (O)
Multi V or U type adjustable tools.



Hydraulic Bottom Tool Clamping System (O)



CNC Motorised Crowning System (S)
CNC crowning system that communicates with the CNC controller, performs crowning automatically and enables the part to be at even bending angle at any given point.



Wila Bottom Tool Clamping System (O)



Wila Hydraulic Tool Clamping Systems (O)

Other Equipments



Throat (O)
Special throat depths are offered up to 1500 mm for large bendings.



Sliding Front Support Arms (S)



4 Axes Backgauge With Servo Motor (O)
2 axes (X+R)
3 axes (X1+X2+R)
4 axes (X+R+Z1+Z2)
5 axes (X1+X2+R+Z1+Z2)
6 axes (X1+X2+R1+R2+Z1+Z2) rapid and precise back support systems with servo motor. They enable you to increase the production performance and quality.



Tool Storing Cabinet (O)

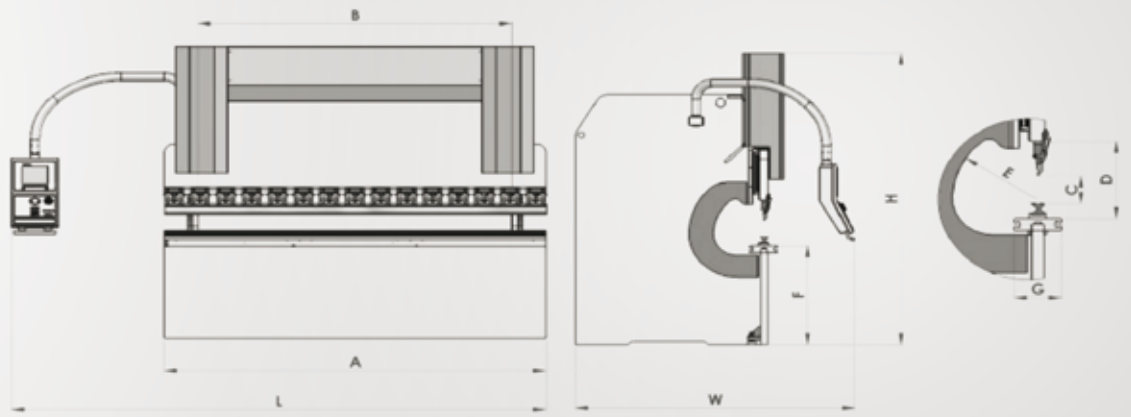
SPEEDBEND SERIES

Synchronized Hydraulic Press Brake

Technical Features

TYPE	Bending Length	Bending Power	Distance Between Columns	Y Rapid Speed	Y Working Speed *	Y Return Speed	Crowning	Travel in X Axis	Speed of X Axis	Travel of R Axis	Speed of R Axis	Backgauge Finger Blocks	Number of sheet Support
	A	B											
	mm	Ton	mm	mm/s	mm/s	mm/s	Standard	mm	mm/s	mm	mm/s	Amount	Amount
SB 1270 - 40	1270	40	1050	140	17	170	-	500	500	250	350	2	2
SB 1270 - 60	1270	60	1000	160	14	165	-	500	500	250	350	2	2
SB 2100 - 40	2100	40	1700	140	17	170	Motorized	500	500	250	350	2	2
SB 2100 - 60	2100	60	1700	160	14	165	Motorized	500	500	250	350	2	2
SB 2600 - 60	2600	60	2200	200	14	165	Motorized	500	500	250	350	2	2
SB 2600 - 100	2600	100	2200	200	12	190	Motorized	800	500	250	350	2	2
SB 2600 - 135	2600	135	2200	160	12	190	Motorized	800	500	250	350	2	2
SB 3100 - 100	3100	100	2600	200	12	190	Motorized	800	500	250	350	2	2
SB 3100 - 135	3100	135	2600	200	12	190	Motorized	800	500	250	350	2	2
SB 3100 - 175	3100	175	2600	180	12	190	Motorized	800	500	250	350	2	2
SB 3100 - 220	3100	220	2600	180	10	185	Motorized	800	500	250	350	2	2
SB 3100 - 260	3100	260	2600	140	11	135	Motorized	800	500	250	350	2	2
SB 3100 - 320	3100	320	2600	140	11	150	Motorized	800	500	250	350	2	2
SB 3100 - 400	3100	400	2550	110	8	130	Motorized	800	500	250	350	2	2
SB 3100 - 500	3100	500	2450	80	7	65	Motorized	800	500	250	350	2	2
SB 3760 - 175	3760	175	3250	180	12	190	Motorized	800	500	250	350	2	2
SB 3760 - 220	3760	220	3250	180	10	185	Motorized	800	500	250	350	2	2
SB 3760 - 260	3760	260	3250	140	11	135	Motorized	800	500	250	350	2	2
SB 3760 - 320	3760	320	3250	140	11	150	Motorized	800	500	250	350	2	2
SB 4100 - 135	4100	135	3600	200	12	190	Motorized	800	500	250	350	2	2
SB 4100 - 175	4100	175	3600	180	12	190	Motorized	800	500	250	350	2	2
SB 4100 - 220	4100	220	3600	180	10	185	Motorized	800	500	250	350	2	2
SB 4100 - 260	4100	260	3600	140	11	135	Motorized	800	500	250	350	2	2
SB 4100 - 320	4100	320	3600	140	11	150	Motorized	800	500	250	350	2	2
SB 4100 - 400	4100	400	3550	110	8	130	Motorized	800	500	250	350	2	2
SB 4100 - 500	4100	500	3400	80	7	65	Motorized	800	500	250	350	2	2
SB 4100 - 600	4100	600	3400	80	8	75	Motorized	800	500	250	350	2	2
SB 4100 - 1250	4100	1250	3000	70	6	80	Motorized	1000	500	250	350	2	2
SB 4100 - 1500	4100	1500	2900	70	6	80	Motorized	1000	500	250	350	2	2
SB 4270 - 135	4270	135	3780	200	12	190	Motorized	800	500	250	350	2	2
SB 4270 - 220	4270	220	3780	180	10	185	Motorized	800	500	250	350	2	2
SB 4270 - 320	4270	320	3780	140	11	150	Motorized	800	500	250	350	2	2
SB 4270 - 400	4270	400	3780	110	8	130	Motorized	800	500	250	350	2	2
SB 4270 - 600	4270	600	3600	80	8	75	Motorized	800	500	250	350	2	2
SB 6100 - 220	6100	220	5100	130	11	125	Motorized	800	500	250	350	4	4
SB 6100 - 320	6100	320	5100	80	11	75	Motorized	800	500	250	350	4	4
SB 6100 - 400	6100	400	5100	80	8	65	Motorized	800	500	250	350	4	4
SB 6100 - 500	6100	500	5100	80	7	65	Motorized	800	500	250	350	4	4
SB 6100 - 600	6100	600	5100	80	8	75	Motorized	800	500	250	350	4	4
SB 6100 - 800	6100	800	5100	80	6	65	Motorized	1000	500	250	350	4	4
SB 6100 - 1000	6100	1000	5100	70	6	50	Motorized	1000	500	250	350	4	4
SB 6100 - 1250	6100	1250	5000	70	6	55	Motorized	1000	500	250	350	4	4
SB 6100 - 1500	6100	1500	4900	70	6	55	Motorized	1000	500	250	350	4	4

* Working speed should be max. 10 mm / sec. at CE certified machines according to the EN12622 norm.

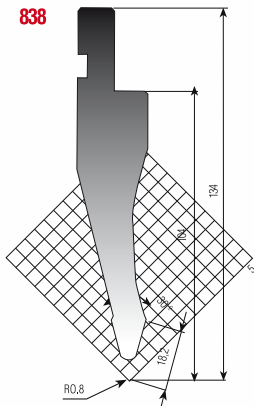


Oil Capacity	Motor Power	Stroke	Daylight	Throat Depth	Table Height	Table Width	Length	Height	Width	Weight	optional		
											Speed of Travel X1, X2 Axis	Speed of Travel R1, R2 Axis	Speed of Travel Z1, Z2 Axis
		C	D	E	F	G	L	H	W				
lt.	kW	mm	mm	mm	mm	mm	mm	mm	mm	kg.	mm/s	mm/s	mm/s
80	6	170	387	350	850	90	2150	2300	1650	3200	500	350	1000
150	8	275	530	410	900	90	2250	2750	1960	4300	500	350	1000
80	6	170	387	350	850	90	2900	2300	1650	4100	500	350	1000
150	8	275	530	410	900	90	3250	2750	1960	5800	500	350	1000
150	8	275	530	410	900	90	3750	2750	1960	6200	500	350	1000
200	11	275	530	410	900	90	3750	2800	1950	7000	500	350	1000
300	15	275	550	410	900	90	3750	2800	2050	8400	500	350	1000
200	11	275	530	410	900	90	4250	2800	1950	7600	500	350	1000
300	15	275	550	410	900	90	4250	2800	2050	8800	500	350	1000
300	15	275	550	410	900	90	4250	2800	2150	9600	500	350	1000
300	19	275	550	410	900	200	4550	2850	2250	11700	500	350	1000
300	22	275	550	410	900	220	4550	2900	2350	15200	500	350	1000
400	30	375	650	410	900	240	4550	3200	2450	16925	500	350	1000
400	30	375	650	510	1000	240	4550	3470	2650	21040	500	350	1000
500	30	375	675	510	1020	240	4900	3750	2650	27700	500	350	1000
300	15	275	550	410	900	90	4900	2800	2150	11100	500	350	1000
300	19	275	550	410	900	160	5100	2900	2250	12800	500	350	1000
300	22	275	550	410	900	200	5100	3000	2350	16100	500	350	1000
400	30	375	650	410	900	220	5100	3150	2450	20180	500	350	1000
300	15	275	550	410	900	90	5100	2800	2100	10800	500	350	1000
300	15	275	550	410	900	90	5100	2850	2150	12100	500	350	1000
300	19	275	550	410	900	160	5150	3000	2250	14000	500	350	1000
300	22	275	550	410	900	200	5150	3000	2350	16900	500	350	1000
400	30	375	650	410	900	220	5350	3150	2450	21950	500	350	1000
400	30	375	650	510	1000	240	5450	3470	2650	26530	500	350	1000
500	30	375	675	510	1100	240	5450	3850	2650	32500	500	350	1000
500	37	375	675	510	900	240	5900	3650	2650	36500	500	350	1000
1200	55	510	1000	610	800	440	5900	4600	3300	77670	500	350	1000
1500	75	610	1100	610	800	480	5900	5000	3700	92070	500	350	1000
300	15	275	550	410	900	90	5280	2800	2150	11100	500	350	1000
300	19	275	550	410	900	160	5320	3000	2250	14800	500	350	1000
400	30	375	650	410	900	220	5600	3200	2450	22600	500	350	1000
400	30	375	650	510	1000	240	5600	3470	2650	26750	500	350	1000
500	37	375	675	510	900	240	6100	3700	2650	37250	500	350	1000
300	19	275	550	410	1100	180	7500	3200	2350	26000	500	350	1000
400	30	375	650	410	1100	180	7500	3350	2450	31100	500	350	1000
400	30	375	650	510	1100	200	7650	3750	2650	39900	500	350	1000
500	30	375	675	510	900	240	7900	3700	2650	42800	500	350	1000
500	37	375	675	510	900	240	7900	3900	2650	48100	500	350	1000
800	37	410	710	610	900	240	7900	4100	3050	63000	500	350	1000
1000	45	510	900	610	800	340	7900	4350	3250	72320	500	350	1000
1200	55	510	1000	610	800	380	7900	4800	3400	93720	500	350	1000
1500	75	610	1100	610	800	400	7900	5000	3700	106630	500	350	1000

P.134-30-R08 | C45

30°

838

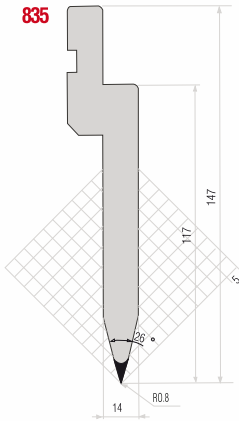


max (mm)
P.134-30-R08 70

PU.117-26-R08 | C45

26°

835

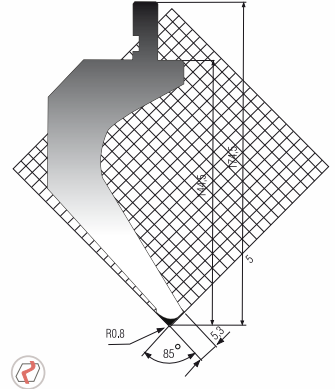


max (mm)
PU.117-26-R08 100

TOP.175-85-R08/S | 42Cr

85°

525

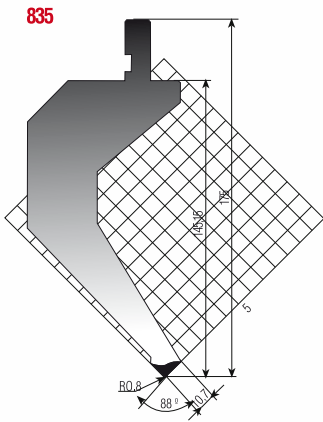


max (mm)
TOP.175-85-R08/R2 20

P.175-88-R05 | 42Cr

85°

835

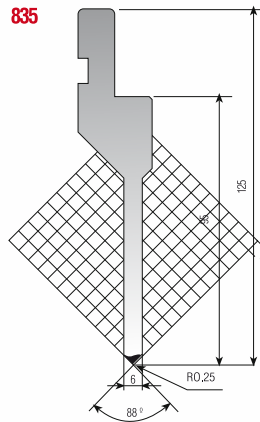


max (mm)
P.175-88-R05 50

P.125-88-R025 | 42Cr

85°

835

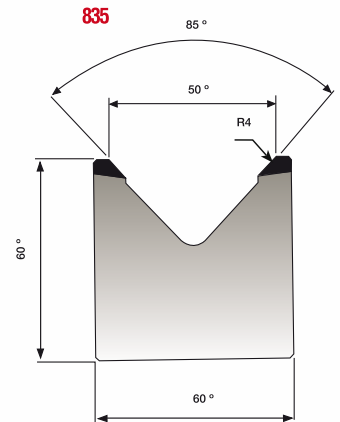


max (mm)
P.125-88-R025 100

M.60-85-50 | C45

85°

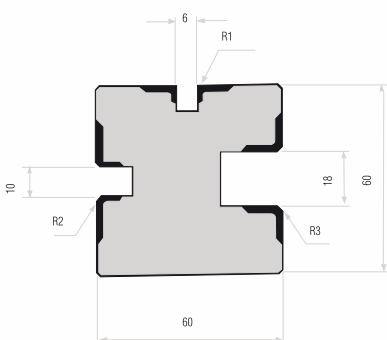
835



max (mm)
M.60-85-50 100

M460 | C45

835

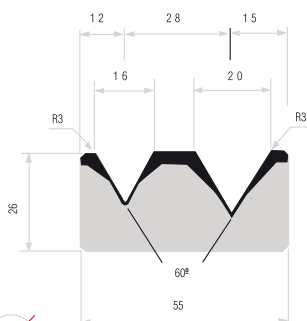


max (mm)
M460 80

P.125-88-R025 | C45

60°

835

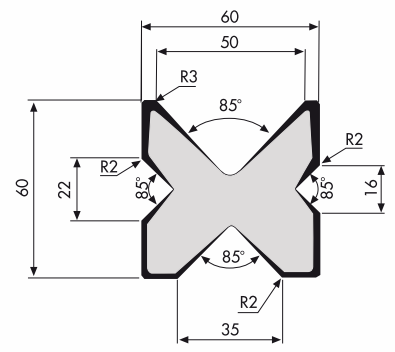


max (mm)
M26-60-05 80

M460-R | C45

85°

835

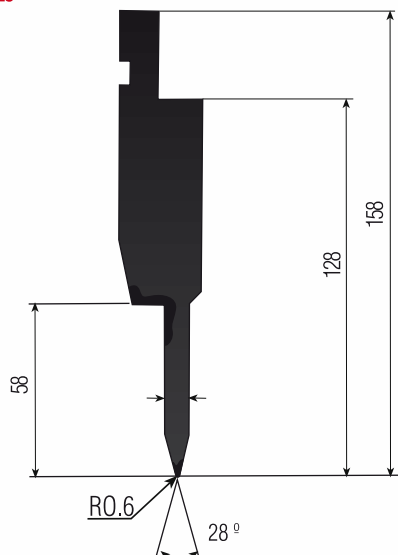


max (mm)
M460-R 80

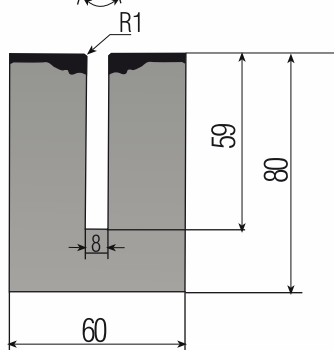
TOP.S (TOP.SP+TOP.SM) 42Cr

28°

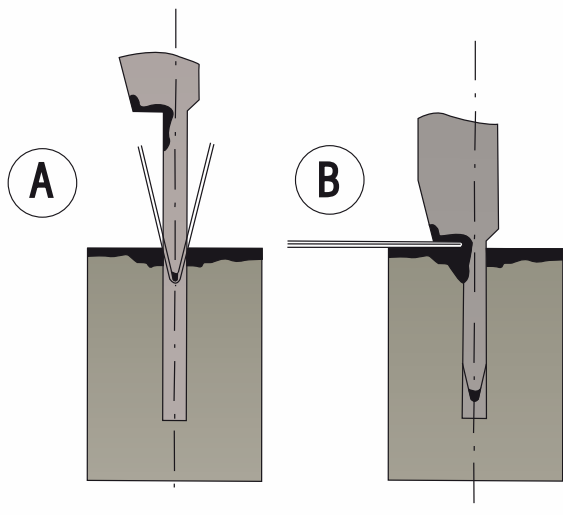
525



TOP.SM



	max t/m	
	A	B
TOP.S-134.28.8		
TOP.SP-134.28.8	80	100
TOP.SM-134.28.8	50	100

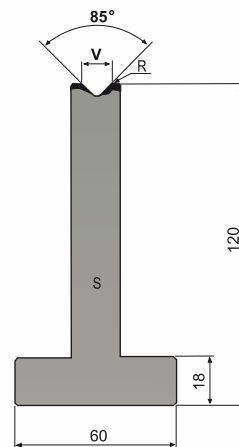


T120-06-85 ÷ T120-25-85 C45

85°

835

	V mm	R mm	S mm	max t/m
⊗ T120-06-85	6	2,75	14	100
⊗ T120-08-85	8	2,75	14	100
⊗ T120-10-85	10	2,75	18	100
⊗ T120-12-85	12	2,75	18	100
⊗ T120-16-85	16	2,75	24	100
⊗ T120-20-85	20	3	30	100
⊗ T120-25-85	25	3	35	100

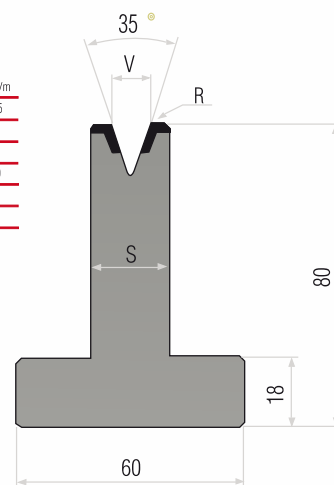


T80-06-35 ÷ T80-25-35 C45

35°

835

	V mm	R mm	S mm	max t/m
T80 06-35	6	0,8	14	35
T80 06-35	8	1	16	35
T80 10-35	10	1,2	20	40
T80 12-35	12	1,6	22	40
T80 16-35	16	3	30	45
T80 20-35	20	3	35	50
T80 25-35	25	3	40	50

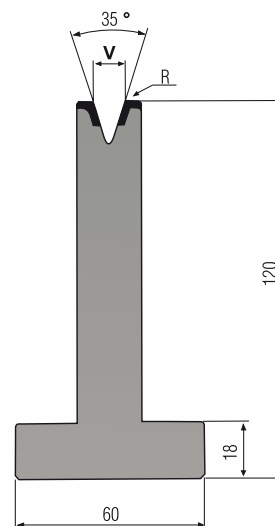


T120-06-35 ÷ T120-25-35 C45

85°

835

	V mm	R mm	S mm	max t/m
T120-06-35	6	0,8	14	35
T120-08-35	8	1	16	35
T120-10-35	10	1,2	20	40
T120-12-35	12	1,6	22	40
T120-16-35	16	3	30	45
T120-20-35	20	3	35	50
T120-25-35	25	3	40	50



→ Products

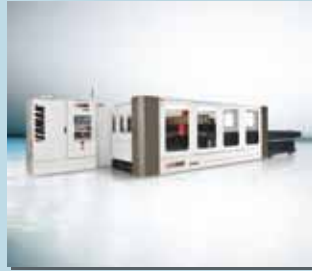
ermaksan.com.tr/eng/laserseries

→ LASER SERIES

- **FIBERMAK**
Fiber Laser Cutting



- **LASERMAK**
CO₂ Laser Cutting



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→ PLASMA SERIES

- **3 AXES PLASMA**
Plasma Cutting



- **5 AXES PLASMA**
Plasma Cutting



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→ PRESS BRAKE SERIES

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Hybrid Press Brake



- **SPEED-BEND**
Synchronized Hydraulic Press Brake



- **POWER-BEND PRO**
3 Axes (R Manual) CNC Press Brake



- **ECO-BEND**
3 Axes CNC Press Brake



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Variable Rake Hydraulic Guillotine Shear
- **HGD**
Hydraulic Swing Beam Shear
- **HGS-A**
Hydraulic Swing Beam Shear



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- **ETP**
Cnc Turret Punch Pres
- **CPP**
Combined Plasma Punch Press
- **RPP**
Rotative Punch Press



→ IRON WORKER

- **EKN-6**
Hydraulic Corner Notcher
- **EKM**
Iron Worker



→ HEAVY DUTY

- **TANDEM**
Heavy Duty Press Brake



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