

SPEED BEND PRO



Hydraulic
Press Brake



Increase Your Performance !



Production times are the most important profit factor for businesses. Speed Bend Pro series press brakes are manufactured to reduce unit time costs and to become your most important supporting power in your business with their fast and high quality production capability in a competitive environment. The range of motion of the upper beam and the beam-mouth opening have been increased in the Speed Bend Pro series. Therefore, it is extremely easy to obtain deep bends by using longer dies. It is possible to easily remove the bent parts from the front of the machine and to bend the long skirted Z-type parts easily by using high lower dies.

Designed with high safety standards, the machine is equipped with laser finger protection and body protection light curtain. Oil cooler feature is offered as standard in SPEED BEND PRO series of 400 tons and above.



STANDARD BACKGAUGE REST AXES

It provides both time and cost savings thanks to its ability to perform complex bending easily with its standard 4-axis back rest (X, R, Z1, Z2) and other accessories that assist bending.



LOW OPERATING COST

Provides minimal energy consumption. Cylinders and hydraulic installations that provide easy maintenance are used. Thus, maintenance needs are kept at minimum. This way, the machine offers low operating costs.

QUICK PAY OFF

With its speed and versatility, it is a profitable investment and can pay off for itself in a short time.

PRECISION PROGRAMMING

Fast, easy, error-free, and precise programming is possible thanks to the linear rulers produced at high quality standards in special production facilities.

PRECISION BENDING

Thanks to the standard motorized crowning system, the deflection balance can be ideally achieved with the motor. Thus, precise bends are obtained.

SLIDING FRONT SUPPORT ARMS

Sliding front support arms with stopper, scaled according to the metric system, allows more precise and easier bending operations.

SPEED BEND PRO



GENERAL SPECIFICATIONS

STANDARD EQUIPMENT

- Steel body with mono bloc welding of ST44 material which is rigid against bending and high tension
- 6 axes (Y1, Y2, X, R, Z1, Z2)
- HAWE hydraulic system
- CNC controlled motorized crowning system
- Top and bottom tools with machined and hardened parts (835 mm length)
- Easy clamping top tool holder system
- Control units; ER TOUCH, DELEM 66T, ER99, CYBELEC MODEVA 19T, ESA S660 W
- 3D graphics color display and offline software
- Electrical panel designed and manufactured from SIEMENS electrical and automation products in accordance with the CE regulations
- Backlight protection
- Switch side protection covers
- Y1+Y2 axis synchronization with a tolerance of 0.01 provided by linear scales
- CE compliant foot pedal
- Sliding front support arms with T slot and mm/inch scale
- 410 mm throat depth (60 - 320 tons)
- Led light enclosures

OPTIONAL EQUIPMENT

- Control units; ER TOUCH, Delem 69T, CYBELEC MODEVA RA PREMIUM
- 4,5,6 axis backgauge options
- LEUZE light protection system
- AKAS LASER finger protection system
- DSP MCS AP photo electric laser front protection
- Laser angle measurement system
- Hydraulic and hydro-dynamic crowning systems (Manual crowning, motorized crowning, hydro-mechanical crowning, hydraulic crowning, hydro-dynamic crowning)
- Pneumatic top tool holder system
- Hydraulic top and bottom tool holder systems
- CNC controlled automatic bend sheet support arms (AP3+AP4 axes)
- Hydraulic oil cooling and heating systems
- Electric panel heating and cooling system
- Special throat depths (500, 600 and 750 mm and above)
- Special top and bottom tools
- Tool storage cabinet
- Back closed cage
- Rear shutter
- Led bar

· PRECISION BENDING

· SWIFT MAINTENANCE

· STREAMLINED OPERATIONS



ERTOUCH 15 SMART

ERMAKSAN | FOR ECO-BEND EXPERT & POWER-BEND PRO



STANDARD		OPTIONAL
• Maximum 4 Axis	• Number of Material (20)	• User Defined System
• 2D Display and 2D Programming	• Number of Die and Punch (200)	• Keba Angle Protractor
• Capacitive Touch Panel	• Hemming and Air Bending	• Barcode Reader
• Windows 10 LTE	• Quick Help	• 3rd Party Software Support
• 256 GB Memory	• FMSC Safety System	• User Authorization System
• 2 USB Port	• DSP – MCS Safety System	• ER 4.0
• 2D Display and 2D Programming Offline Software	• LazerSafe Safety System	• Remote Service System
• Product and Bending Counters	• Remote Access and Diagnostics	• Mitutoyo Angle Protractor
• Number of Products (600)	• 2 x GigE Ethernet	
• Number of Bends (48)		

ERTOUCH 15 VISION

ERMAKSAN | FOR POWER-BEND FALCON



• in addition to ERTOUCH 15 SMART

STANDARD	OPTIONAL
• 3D Display and 2D Programming Offline Software	• User Authorization System
• Multi-Touch Panel	• Keba Angle Protractor
• DXF – DWG Tooling Import/Export	• Barcode Reader
• Stationary Work	• 3rd Party Software Support
• Unlimited Number of Product	• ER 4.0
• Unlimited Number of Materials	• Remote Service System
• Unlimited Number of Tooling	• Mitutoyo Angle Protractor
• Standard User Defined System	• Motorized Front Support (AP3 + AP4)
• List – Graphic Mode	• Led Bar
• Reporting System	• Robot Control
• Maximum 12 Axis	

ERTOUCH 21

ERMAKSAN | FOR SPEED-BEND PRO



• in addition to ERTOUCH 15 VISION

STANDARD	OPTIONAL
• 21,5" TFT monitor with 1920x1080 resolution	• Keba Angle Protractor
• Up To 12 Axis Control	• Barcode Reader
• 3D Import, Rendering, STEP-IGES Product Import	• 3rd Party Software Support
• 3D Display and 3D Programming Offline Software	• ER 4.0
• DXF – DWG Product Import / Export	• Remote Service System
• Automatic Tool Placement	• Mitutoyo Angle Protractor
• Tool Segmentation System	• Motorized Front Support (AP3 + AP4)
• Horn System	• Led Bar
• Special Curved Rotating Dies Support	• Robot Control
• Network Product Sharing	
• User Authorization System	

ER 99 PLUS

STEP AUTOMATION



• ERMAKSAN CAD/CAM Metal Sheet Bending Simulation	• Ability to Add External Keyboard and Mouse
• Ability to Select Automatically Defined Patterns for Bending	• Alphanumeric Multifunction Keyboard
• Automatic Twist Sequence Search and Warping Control	• Tool and Part Acquisition as CAD File
• Remote Support via TeamViewer	• Material Sampling for Precision Manufacturing
• Up to 16 Axis Configuration	• Upload Images from Mobile Devices
• Exporting Planar Lines to DXF File	• Sensor Interface and Display
• Scheduled Maintenance Management for Continuous Efficiency	• Suitable for Industry 4.0

“Command Your CNC Machine Wirelessly”



Multi-Touch Screen
 Customizable Offline Software
 3D Simulation
 Upgradable User friendly Interface
 Extensive Reporting



DA - 69S

DELEM

• 3D and 2D Graphic Touch Screen Programming Mode	• Programmable Material Specifications
• 3D and 2D Imaging in Simulation and Manufacturing	• Programmable Axis Speeds
• 24" high-resolution color TFT display	• Free Material Programming
• Fully Equipped Windows App	• Product and Tool Search Filters
• Profile-T3D Offline Software	• Millimeter / Inch, kN / Ton Selection
• 4 GB Memory	• Stock Counter
• Product and Tool Memory	• Graphic Tool Configuration
• USB flash Memory Drive	• Emergency Stop Button
• 2D and 3D Automatic Bending Sequence Calculation	• Graphical Product and Tool Selection



DA - 66S

DELEM

• 3D(O) and 2D Graphic Touch Screen Programming Mode	• Programmable Material Specifications
• 2D+ and 2D Imaging in Simulation and Production	• Programmable Axis Speeds
• 24" high-resolution color TFT display	• Free Material Programming
• Fully Equipped Windows App	• Product and Tool Search Filters
• Profile-LT Offline Software	• Millimeter / Inch, kN / Ton Selection
• 4 GB Memory	• Stock Counter
• Product and Tool Memory	• Graphic Tool Configuration
• USB flash Memory Drive	• Emergency Stop Button
• 2D and 2D+ Automatic Bending Sequence Calculation	• Graphical Product and Tool Selection

DA - 69T

DELEM



• 3D and 2D Graphic Touch Screen Programming Mode	• Programmable Material Properties
• 3D and 2D Imaging in Simulation and Manufacturing	• Programmable Axis Speeds
• 17" high-resolution color TFT display	• Free Material Programming
• Fully Equipped Windows or Linux App	• Product and Tool Search Filters
• Profile-T3D Offline Software	• Millimeter / Inch, kN / Ton Selection
• 2 GB Memory	• Stock Counter
• Product and Tool Memory 256 MB	• Graphic Tool Configuration
• USB flash memory support	• Emergency Stop Button
• Graphical Product and Tool Selection	• 2D and 3D Automatic Bending Sequence Calculation

DA - 58T

DELEM



• Maximum 4 Axis	• Real Scale Product Programming and Display
• 2D Graphic Touch Screen Programming Mode	• Automatic Bending Sequence Calculation
• 15" high-resolution color TFT display	• Programmable Material Properties
• Bending Sequence Calculation	• Product and Tool Search Filters
• Crowning Control	• Millimeter / Inch, kN / Ton Selection
• 2 GB Memory	• Stock Counter
• USB flash Memory Drive	• Alphanumeric Memory Drive

DA - 66T

DELEM



• Graphic Touch Screen Programming Mode	• Real Scale Product Programming and Display
• Graphic Touch Screen Programming Mode	• Automatic Bending Sequence Calculation
• 17" high-resolution color TFT display	• Programmable Material Properties
• Fully Equipped Windows or Linux App	• Product and Tool Search Filters
• Standard Profile-LITE Offline Software	• Millimeter / Inch, kN / Ton Selection
• 2 GB Memory	• Stock Counter
• Product and Tool Memory 256 MB	• USB flash memory support
• Alphanumeric Product Naming	• Emergency Stop Button
• Graphical Product and Tool Selection	

DA - 53T

DELEM



• Maximum 4 Axis	• Real Scale Product Programming and Display
• 2D Graphic Touch Screen Programming Mode	• Automatic Bending Sequence Calculation
• 13" high-resolution color TFT display	• Programmable Material Properties
• Bending Sequence Calculation	• Product and Tool Search Filters
• Crowning Control	• Millimeter / Inch, kN / Ton Selection
• 2 GB Memory	• Stock Counter
• USB flash Memory Drive	• Alphanumeric Memory Drive

VISITOUCH 19 MX

CYBELEC



• Maximum 4 Axis	• Real Scale Product Programming and Display
• 3D Graphic Touch Screen Programming Mode	• Automatic Bending Sequence Calculation
• 19" high-resolution color TFT display	• Programmable Material Properties
• DXF / DWG Mold Import	• Product and Tool Search Filters
• Crowning Control	• Millimeter / Inch, kN / Ton Selection
• Windows 10 LTE Operating System	• Stock Counter
• USB flash Memory Drive	• Alphanumeric Memory Drive

CYBTOUCH 15

CYBELEC



• Maximum 4 Axis	• Millimeter / Inch, kN / Ton Selection
• 15" high-resolution color TFT display	• Stock Counter
• Crowning Control	• Automatic Bending Sequence Calculation
• USB flash Memory Drive	• Programmable Material Properties
• Alphanumeric Memory Drive	• Product and Tool Search Filters

VISITOUCH 19

CYBELEC



• Maximum 4 Axis	• Real Scale Product Programming and Display
• 3D Graphic Touch Screen Programming Mode (O)	• Automatic Bending Sequence Calculation
• 19" high-resolution color TFT display	• Programmable Material Properties
• DXF / DWG Kalip Import Etme (O)	• Product and Tool Search Filters
• Crowning Control	• Millimeter / Inch, kN / Ton Selection
• Windows 10 LTE Operating System	• Stock Counter
• USB flash Memory Drive	• Alphanumeric Memory Drive

CYBTOUCH 12

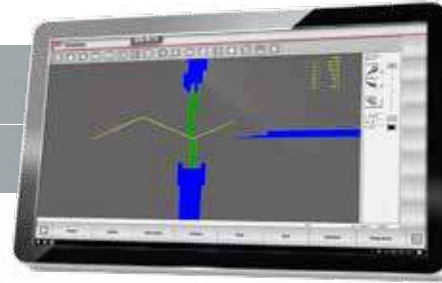
CYBELEC



• Maximum 4 Axis	• Millimeter / Inch, kN / Ton Selection
• 12" high-resolution color TFT display	• Stock Counter
• Crowning Control	• Automatic Bending Sequence Calculation
• USB flash Memory Drive	• Programmable Material Properties
• Alphanumeric Memory Drive	• Product and Tool Search Filters

S875 W

ESA



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|-----------------------------------|---|
| • DXF Part and Tool Retrieval (O) | • Full HD Multitouch Resistive Color Screen |
| • 21" Multi-touch Screen | • Standard 2 Ethernet Ports |
| • Advanced HDMI and Easy Learning | • 3D Imaging |
| • Up to 12 Axis Control | • 2D Programming |

S860 W

ESA



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|--|---|
| • 19" Multi-touch Display | • Up to 12 Axis Control in Combination |
| • Top and Bottom Mold Holder Management | • 3D CAD/CAM Image and Fingertip Job Design |
| • Download Files with .Dxf Extension and Tool Library Management (O) | |

S660

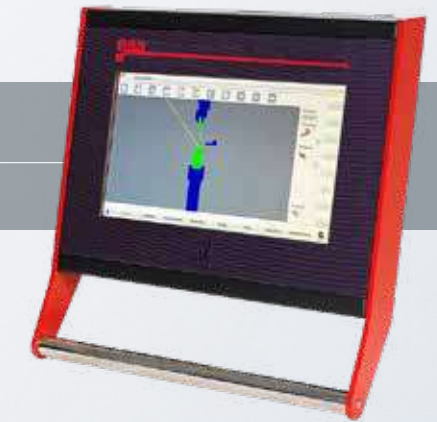
ESA



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|--|---|
| • 15" High Resolution Touch Screen | • Up to 8 Axis Control in Combination |
| • No Limits in Flexibility and Performance | • 3D CAD/CAM Image and Fingertip Job Design |
| • Download Files with .Dxf Extension and Tool Library Management | |

S640

ESA



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|--|---------------------------------------|
| • 15" High Resolution Touch Screen | • Up to 6 Axis Control in Combination |
| • No Limits in Flexibility and Performance | • Bevel Correction with Angles |
| • Automatic bending sequence calculation for preventive compensation | • Material Database Registration |