



PRESS BRAKES

LEVEL UP YOUR EFFICIENCY WITH THE
PRECISION OF OUR VERSATILE SOLUTIONS

CONTENTS

05/

DRIVING INDUSTRIAL
PROGRESS

06/

OUR PRESS BRAKES
SOLUTIONS

28/

PRIMA POWER
GLOBAL PRESENCE

03/

Evolve by integration

04/

Dynamic solutions to level up your production process

05/

Driving industrial progress

06/

Our Press Brakes solutions

09/ eP Series

13/ eP Genius Series

16/ hP Series

20/ Robotic Bending Cells

22/ Express Robot Cell

24/ Software

27/

Life cycle support

28/

Prima Power Global Presence



Visit our website

Find out more about what our technologies can do for you and how you could benefit from our consulting and assistance services:

primapower.com



EVOLVE BY INTEGRATION

Today, every manufacturer in **sheet metal industry** has to step up their business. Competition is rising, customers have more demands, the market has fewer resources: companies have to optimize processes, automate production, save energy and money.

The sheet metal industry asks for evolution – and evolution is what we have always offered at Prima Power. We do it through the widest range of machines in the industry.

But mostly, we do it with **our unique ability to integrate our technologies into customers' processes** to enhance production performances.

It's about our engineering knowledge and our **customer-centered approach**. It's about our very history of technological integration.

Our brand promise means all that. To level up productivity through targeted dynamic solutions. To support growth through modular and scalable offers. **To evolve by integration.**

DYNAMIC SOLUTIONS TO LEVEL UP YOUR PRODUCTION PROCESS

Prima Power provides businesses of all sizes with targeted dynamic technologies that **enhance profitability** in **sheet metal working**. We create **integrated automated solutions** designed to meet our clients' challenges and open to their future growth. We offer **high-performance machines** that deliver flexible and precise execution.

At Prima Power, value lies in the **focus on customers**. We build our offer on a full range of modular solutions, using our distinctive customer-centered approach and long-standing knowledge in engineering systems and machinery for sustainable, efficient manufacturing - all based on a **unique history of technological integration**.

Level up your production with Prima Power.
DISCOVER HOW



DRIVING INDUSTRIAL PROGRESS

SERVING HIGH-TECH SECTORS WITH SPECIALIZED KNOWLEDGE



Leveraging its **diversified expertise**, Prima Power offers solutions that cater to a wide array of industries. Our range's breadth and modularity, combined with our cross-industry knowledge, allow us to provide **targeted and specialized solutions** aligned with the distinctive demands of each sector.

With a focus on customers' needs, we **facilitate the growth and progress of evolving industries**, aiming to boost customer profitability through advanced and reliable production systems.

Prima Power is present in our everyday lives. DISCOVER HOW



Visit our website
Find out more

PRIMA POWER PRESS BRAKES

LEVEL UP YOUR EFFICIENCY
WITH THE PRECISION OF OUR
VERSATILE SOLUTIONS

- 1 Wide range for any needs, mastering **servo-electric** technology for high **accuracy** and **productivity**, **hydraulic/hybrid** technology for **high tonnage**, and customized solutions.
- 2 **Industry-leading productivity** in servo-electric technology **with cycle times down to -30%⁽¹⁾**, combined with high repeatability and stable process over time.
- 3 Easy integration into a **robotic bending cell** and a **full production line**.

(1) Faster approach (-13%) to parts and reduced unnecessary movements with the programmable increment of the bending height; cycle time saving (-10%) thanks to the O-Frame structure and CNC crowning; stability over temperature and time ensured by electric motors (-7%).

In press brakes, most bending parts are produced using different bending methods: air, bottom or folding and hemming. No matter the method, they all work the same: a punch tool and a die are set at predetermined angles to bend metal into a variety of shapes and forms.

The basic principle of press brake forming relies on force, otherwise known as tonnage.

This determines the total amount of pressure that can be applied by the punch during a bend.

The higher the tonnage, the thicker the materials that can be bent and vice versa.

STAND-ALONE OR INTEGRATED SOLUTIONS

Prima Power's modern press brakes are well suited to work as stand-alone machines with a robot, or as integrated robotic solutions in automated lines.



This is a truly unique bending solution with a panel bender, a robot and an integrated press brake.

But what we like the most is the fact that the whole system is extremely flexible!

Michael Winkler

*Production Manager
(Schulthess Maschinen AG,
Switzerland)*



Visit our website

Explore the Prima Power solutions for bending needs



GREEN MEANS®: AN INTEGRATED AND PRAGMATIC COMMITMENT

In Prima Power we embrace an integrated and pragmatic approach to sustainability. We deliver solutions designed to optimize production cycles by **focusing on process efficiency**, with the aim of saving materials and energy without affecting the quality of the final output. Our technologies simultaneously guarantee both a **saving of resources** and **economic savings for manufacturers**.

This means prioritizing effective and feasible solutions, like servo-electric technology we have been pioneering since 1998. We have summarized our concept of sustainability in two words: **Green means®**.



REDUCED CONSUMPTION
COMBINED WITH
ACCURACY AND QUALITY



ABSENCE OF OIL =
NO ENVIRONMENTAL
IMPACT FOR DISPOSAL



Visit our website

Find out more



PRESS BRAKES RANGE

SERVO-ELECTRIC FOR MISSION, HYDRAULIC BY CHOICE

eP Series



More productive machines, new automation solutions, and easy-to-use option suites are designed to meet customers' real needs.

With decades of experience in the bending sector, Prima Power offers solutions for all types of market requests in terms of application, processing and material thicknesses.

eP Genius Series



From hydraulic technology, to electronics, to automation, and to robotization, each customer will be able to configure the machine that best meets his own needs.

eP Series

Servo-electric press brake for outstanding reliability and maximum productivity, capable of meeting any production needs.

hP Series



eP Genius Series

Efficient servo-electric eP with a fast and automatic tools change storage. Available in a Genius Duo configuration with two press brakes connected to the same storage.

hP Series

ECO hydraulic bending solution for the high tonnage market.

Robotic Bending Cells



Robotic Bending Cells

Possibility of integration with a 6 or 7-axis industrial anthropomorphic robot equipped with devices to handle the material, or to support the bending.

Express Robot Cell



Express Robot Cell

Compact robotic bending cell designed to supply high performance in a minimal footprint.

eP SERIES

HIGH RELIABILITY AND MAXIMUM PRODUCTIVITY



With more than 20 years of experience in applying servo electronics in sheet metal working, eP - series press brakes meet the requirements for the machining of medium-thin metal sheets.

This is the optimal solution for manufacturers of HVAC, metal furnitures, white goods and domestic appliances, facades, electrical cabinets and all those applications that need a fast and accurate machine to increase the productivity.

Its servo-electric concept combines productivity, accuracy, flexibility and reliability with high respect to ecological aspects thanks to our Green Means® concept, which offers both sustainability and manufacturing, efficiency and production capacity.

ENERGY EFFICIENT

- Less energy required
- Lower environmental impact

HIGHLY PRODUCTIVE

- Reduced cycle times
- Higher process reliability

MODULAR

- Capable of meeting any production need
- Several configurations available to meet different products

SIMPLICITY OF USE

- Easy to install and maintain
- User-friendly

eP SERIES

HIGH RELIABILITY AND MAXIMUM PRODUCTIVITY

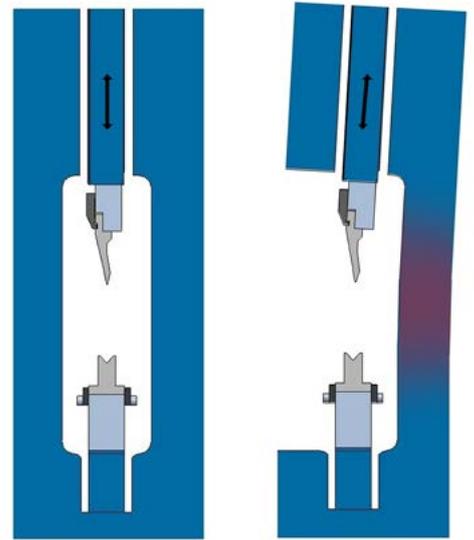
Servo-electric drive systems mean:

- high acceleration and deceleration
- fast response times
- considerable increase of the productivity compared to conventional press brakes.

Programmable working speed to ensure the bending is made respecting the product quality and the operator safety.

 **Cycle time reduction by servo-electric technology**

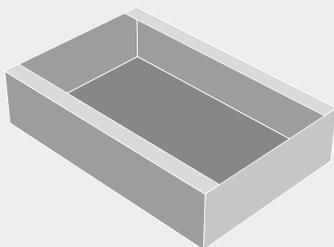
The stable O-frame ensures the correct alignment of upper and lower tools even under stress deformation since there is no horizontal displacement. This design isolates ram positioning accuracy from any deflection in the side frames under load, and maintains accurate positioning even during off centre bending operations, guaranteeing a ram repeatability of ± 0.005 mm



Stable O-frame vs traditional C-frame

Time cycle comparison

Bending time necessary to realize this 6 bend box (only machine time).



100 t Hydraulic
200 mm/s



100t Electric
75 mm/s



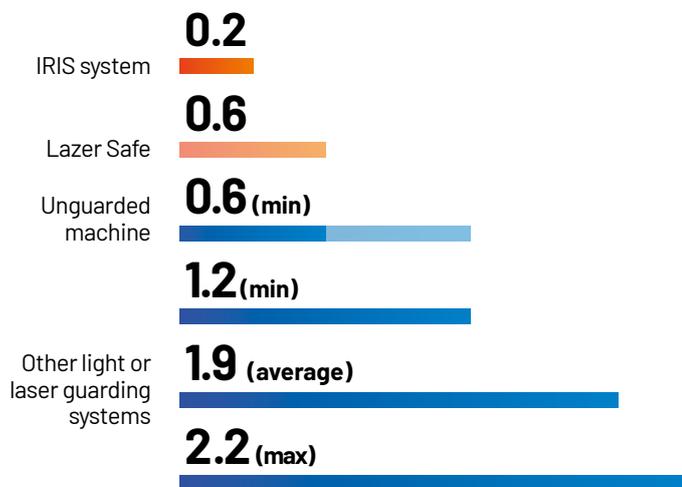
eP-1030
110 mm/s

LazerSafe IRIS System

COMBINATION OF SAFETY, PRODUCTIVITY AND ACCURACY

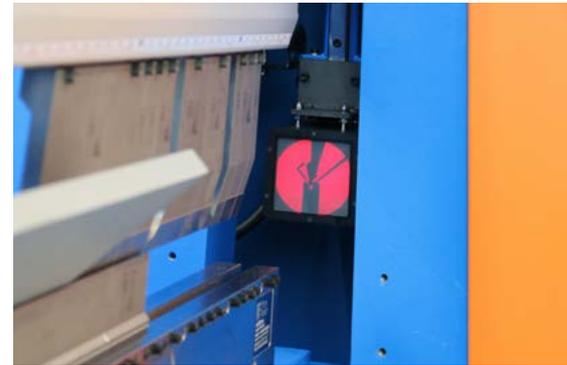
LazerSafe IRIS System boosts safety, productivity and tool crash protection.

Comparison time in slow speed closing (seconds per cycle).



BOX MODE

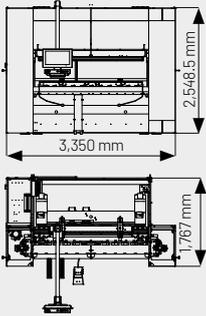
The fully integration between Prima Electro Open CNC and Lazer Safe Safety Device is perfectly showed in the BOX MODE feature. The operator can bend boxes in total safety and according to EC safety rules even in high approaching speed, reducing cycle time for this challenging operation and strongly increasing eP productivity.



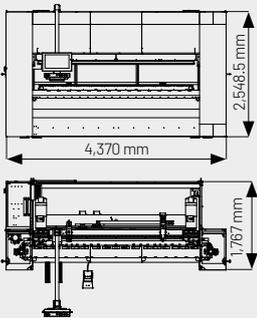
LazerSafe IRIS System's unique features increase the competitiveness of the eP press brake:

- Max. closing speed up to 2 mm from the workpiece
- safe operator working close to the tools without interrupting high approaching speed
- box mode to achieve complex shapes with no compromise to speed
- fully integrated in the control with possibility to get different operating modes bend by bend (stop at mute, auto mute, box flange height)
- fast removal with automatic repositioning for lateral tool changing
- angle measurement option.

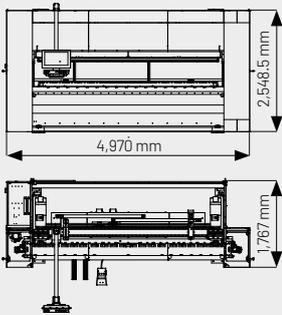
eP-0520



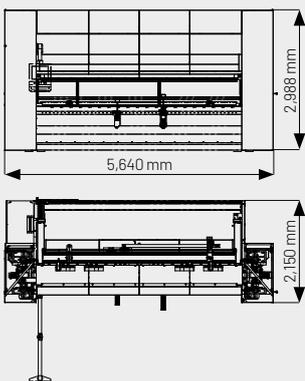
eP-1030



eP-1336



eP-2040



TECHNICAL SPECIFICATIONS

eP SERIES

	eP 0520	eP 1030	eP 1336	eP 2040	
Max. tonnage	550	1,050	1,350	2,000	(kn)
Distance between side frames	2,320	3,340	3,940	4,340	(mm)
Throat depth	0-frame	0-frame	0-frame	0-frame	
Daylight	600/650/700	600/650/700	600/650/700	600/650/700	(mm)

Y-AXIS

Stroke	310	310	310	310	(mm)
Repeating accuracy	± 0.005	± 0.005	± 0.005	± 0.005	(mm)
Max. working speed	10	10	10	10	(mm/s)
Approaching speed	200	125	100	90	(mm/s)
Return speed	200	125	100	90	(mm/s)

X-AXIS

Speed	500	500	500	500	(mm/s)
Accuracy	± 0.01	± 0.01	± 0.01	± 0.01	(mm)
Stroke/max positioning dim	500/1,000	500/1,000	470/1,000	670/1,200	(mm)
Stroke X2 (delta X)	± 100	± 100	± 100	± 100	(mm)

Z-AXIS

Speed	2,500	2,500	2,500	2,500	(mm/s)
Accuracy	± 0.1	± 0.1	± 0.1	± 0.1	(mm)
Working area	2,040	3,060	3,660	4,080	(mm)

R-AXIS

Speed	180	180	180	180	(mm/s)
Stroke	200	200	200	200	(mm)
Accuracy	± 0.1	± 0.1	± 0.1	± 0.1	(mm)

eP GENIUS SERIES

EFFICIENT SERVO-ELECTRIC BENDING SOLUTION
WITH A FAST AND AUTOMATIC TOOLS CHANGE STORAGE



eP GENIUS

Prima Power eP Genius consists in the integration of the servo-electric eP-1030 with one automatic tool change storage.

This concept offers a more versatile, faster and reliable bending solution, which eliminates the manual set-up of the machine, and allows the operator to commit his time and skills to the preparation of bending batches.

eP GENIUS DUO CONFIGURATION

eP Genius Duo is the configuration of the standard eP Genius with the addition of a second press brake, either servo-electric or hydraulic, with the advantage of two machines served by a single tool storage.

AFFORDABLE

- Rapid return on investment

ACCURATE

- Less human mistakes caused by manual tool change and set-up
- No need for human intervention to reset the machine functionalities

SAFE, ERGONOMIC & AUTOMATIC

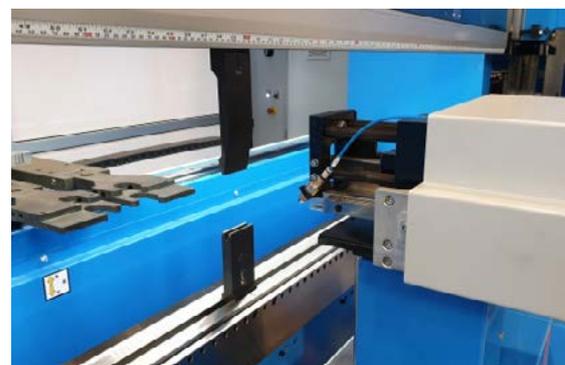
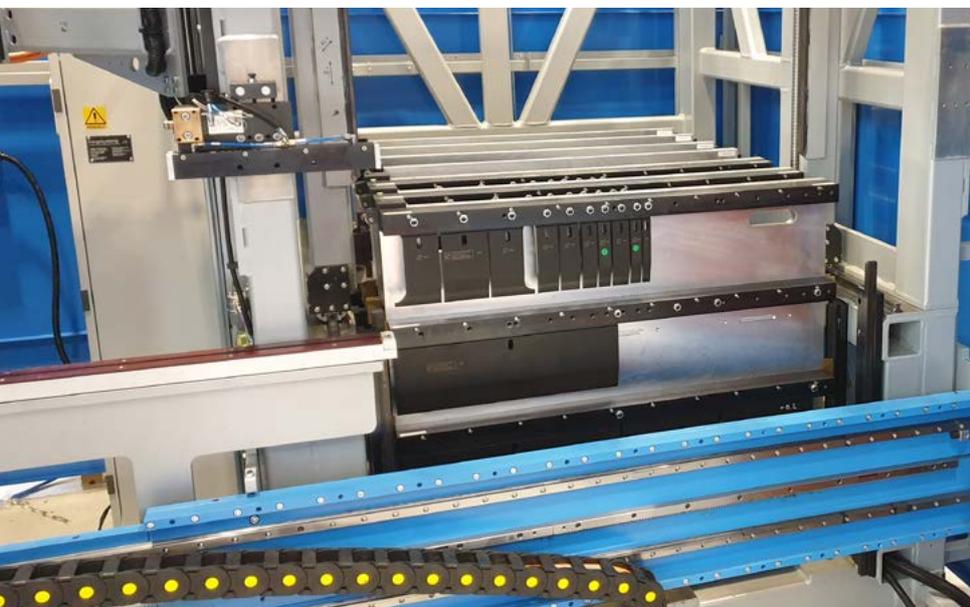
- Greater operator safety by laser scanners that monitor the working area
- Unmanned operations in total safety

FLEXIBLE

- Programming and production of kit, as well as of small production batches.

eP GENIUS SERIES

AUTOMATIC TOOLS CHANGE STORAGE



AUTOMATIC TOOL STORAGE

Both Genius versions can count on a 32 up to a 60-meters of tools capacity, and a fast tools-holder shuttle to feed the eP Genius 1030, or the two press brakes (Duo configuration), running from one machine to the other.

A rotation device rotates the tools taken from the storage to grant multiple processing possibilities.

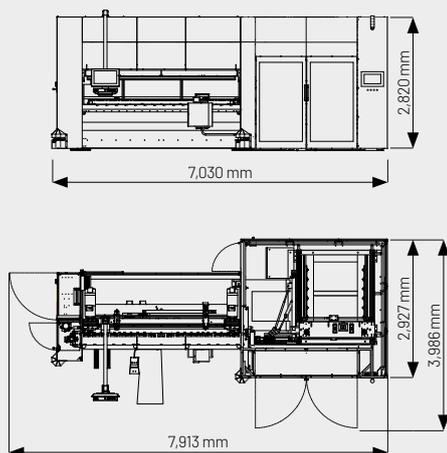
The latest-generation HMI allows the programming of the workpiece in a simple and intuitive way, both on the machine and off-line, as well as automatic management of the machine set-up.



TECHNICAL SPECIFICATIONS

eP GENIUS

eP Genius 1030



eP Genius 1030

Max. tonnage	1,050	(kn)
Distance between side frames	3,340	(mm)
Throat depth	0-Frame	
Daylight	600/650/700	(mm)

Y-AXIS

Stroke	310	(mm)
Repeating accuracy	± 0.005	(mm)
Max. working speed	10	(mm/s)
Approaching speed	125	(mm/s)
Return speed	125	(mm/s)

X-AXIS

Speed	500	(mm/s)
Accuracy	± 0.01	(mm)
Stroke/max positioning dim.	500/1,000	(mm)
Stroke X2 (delta X)	± 100	(mm)

Z-AXIS

Speed	2,500	(mm/s)
Accuracy	± 0.1	(mm)
Working area	3,060	(mm)

R -AXIS

Speed	180	(mm/s)
Stroke	200	(mm)

Tools Storage

Max. capacity	32 or 60	(m)
Min. tools length	20	(mm)
Max. tools length	515	(mm)
Tools shuttle speed	2,600	(mm/s)
Speed for tools overturn at 180°	0.4	(s)

hP SERIES

THE HYDRAULIC RESPONSE FOR HIGH TONNAGE MARKET



The reduction of maximum oil temperature, thanks to the control of the flow rate, leads the following benefits

- limitation of oil thermal stress
- performance steadiness
- lower heat and energy waste
- longer oil life → oil change not necessary for at least 5 yrs
- 3 times longer pump and system life → less maintenance

hP Series is the perfect combination of force and versatility of the hydraulic technology as well as the combination of energy saving and sustainability of the **ECO** package.

The hP can be connected in **tandem**, or integrated into **automated lines** or **robotic bending cells**.

POWERFUL YET SUSTAINABLE

Thanks to the innovative **ECO** system solution, the motor is controlled by an inverter, which is activated only when the machine is operating. Flow and pressure in the hydraulic circuit are delivered according to the effective bending needs, thus guaranteeing the right pressure on the circuit also during the stand-by phases without any flow, and therefore any energy waste.



PRODUCTIVE

- Reduced cycle times
- Higher process reliability



FLEXIBLE

- Suitable for a wide range of different products



REPEATABLE

- Consistent performance over time



MODULAR

- Diversified configurations
- No productive limitations

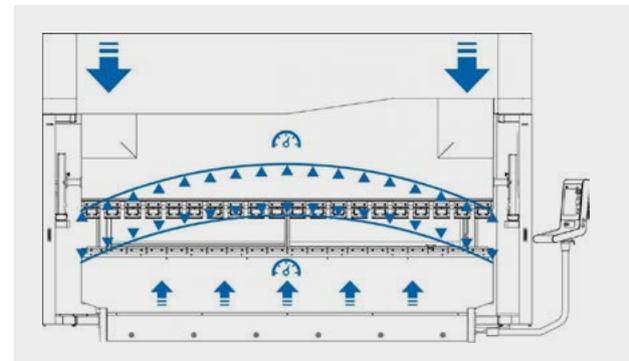
hP SERIES

PRECISION WITHOUT DEFLECTION AND HIGH REPEATABILITY

The Adaptive Crowning and the Reflex System make the hP press brake the most accurate machine in the today's market.

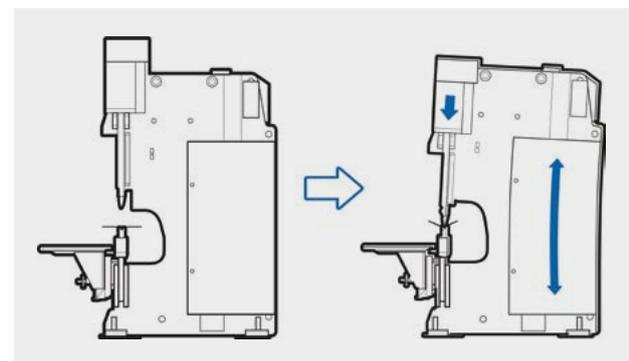
ADAPTIVE CROWNING

To avoid and compensate any deflection of the frame, a triple bottom table is supplied. This solution allows installing the Adaptive Crowning with the advantage to measure the ram deflection and to compensate in real time, in order to manage the material variability without trials and errors. Two precision sensors adapt in real time to the ram deformation. This leads to the complete control at maximum precision and absolute repeatability, with any material.



REFLEX COMPENSATION SYSTEM

During the bending process, the side frames are subject to strong forces that cause the deformation of the throat area. This effect is shown in the top beam moving away from the lower beam, compromising the accuracy of the control systems. Reflex System controls the deformation of the side frames thanks to different machine sensors and its hydraulic circuit. The position of the ram is always under control during the bending process to guarantee the repeatability of the angle, whatever the part length, thickness variations, part positioning and sheet characteristics.



TECHNICAL SPECIFICATIONS

hP SERIES

hP-2740 hP-2760 hP-3340 hP-3360 hP-4040 hP-4060

Max. bending force	2,750	2,750	3,300	3,300	4,000	4,000	(kn)
Max. bending length	4,100	6,100	4,100	6,100	4,100	6,100	(mm)
Distance between side frames	3,600	5,600	3,600	5,600	3,600	5,600	(mm)
Approach speed	200	200	190	190	120	120	(mm/s)
Work speed ¹	0 ÷ 10	0 ÷ 10	0 ÷ 8.5	0 ÷ 8.5	0 ÷ 8.5	0 ÷ 8.5	(mm/s)

RETURN SPEED

- standard	170	120	150	100	105	70	(mm/s)
- with ECO package	200	160	200	120	125	105	(mm/s)
Ram positioning accuracy	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01	(mm)

WORKING AREA ²

Throat (TH)	400	400	400	400	400	400	(mm)
Cylinder stroke (Y)	300	300	300	300	300	300	(mm)
Daylight (DL)	500	500	500	500	500	500	(mm)
Manual punch holders height (INT)	100	100	100	100	100	100	(mm)
Distance between punch holders and table (DL-INT)	400	400	400	400	400	400	(mm)
Table width	90	90	90	90	90	90	(mm)
Height of table from the floor	975	1,100	975	1,140	1,050	970	(mm)

DIMENSIONS AND WEIGHT

Length	4,890	6,890	4,890	6,900	4,940	6,940	(mm)
Width	2,100	2,100	2,100	2,150	2,500	2,500	(mm)
Height ³	3,400	3,750	3,500	3,850	4,150	4,100	(mm)
Pit depth	0	0	0	0	0	1,350	(mm)
Approximate weight ⁴	18.5	31	21	34	34	50	(t)

¹ In accordance with EN 12622:2009+A1:2013 for use with operator. Higher speed version available for automatic cycle only

² Several combinations of Y, DL are available

³ Approximate height

⁴ Weight may vary depending on configuration and accessories installed



TECHNICAL SPECIFICATIONS

hP SERIES

	hP-5040	hP-5060	hP-6440	hP-6460	
Max. bending force	5,000	5,000	6,400	6,400	(kn)
Max. bending length	4,300	6,300	4,300	6,300	(mm)
Distance between side frames	3,600	5,600	3,600	5,600	(mm)
Approach speed	100	100	100	100	(mm/s)
Work speed ¹	0 ÷ 8.5	0 ÷ 8.5	0 ÷ 8.5	0 ÷ 8.5	(mm/s)

RETURN SPEED

- standard	105	70	105	70	(mm/s)
- with ECO package	125	105	125	105	(mm/s)
Ram positioning accuracy	±0.01	±0.01	±0.01	±0.01	(mm)

WORKING AREA ²

Throat (TH)	400	400	400	400	(mm)
Cylinder stroke (Y)	300	300	300	300	(mm)
Daylight (DL)	500	500	500	500	(mm)
Manual punch holders height (INT)	100	100	100	100	(mm)
Distance between punch holders and table (DL-INT)	400	400	400	400	(mm)
Table width	120	120	120	120	(mm)
Height of table from the floor	920	920	920	920	(mm)

DIMENSIONS AND WEIGHT

Length	5,140	7,140	5,180	7,180	(mm)
Width	2,500	2,500	2,700	2,700	(mm)
Height ³	4,300	4,300	4,400	4,400	(mm)
Pit depth	1,350	1,750	1,500	1,800	(mm)
Approximate weight ⁴	42	60	63	70	(t)

¹ In accordance with EN 12622:2009+A1:2013 for use with operator. Higher speed version available for automatic cycle only

² Several combinations of Y, DL are available

³ Approximate height

⁴ Weight may vary depending on configuration and accessories installed

ROBOTIC BENDING CELLS

LEVEL UP YOUR PRODUCTIVITY WITH THE MODULARITY OF OUR INTEGRATED SOLUTIONS



- 1 **Profitable** for both **small and large batches** thanks to easy part programming optimization and modular automatic tool change, **up to 30%⁽¹⁾ faster** than market.
- 2 High **repeatability** of the parts and **fast return of the investment**, thanks to the robot assisted bending process applied to servo-electric press brakes.
- 3 Highly specialized **robotics integration expertise⁽²⁾** and **modular technologies** for fully automated process-oriented solutions.

(1) Referred to eP Genius with Automatic Tool Changer and anthropomorphic robot gripper reconfiguration working in parallel. Compared to tool changes made by the robot.

(2) In-house Robotics Integration Unit.

Robotics integration is the **key to unlocking greater efficiency, flexibility, and productivity** in sheet metal manufacturing.

Prima Power offers in-house configurable robotic bending cells by integrating stand-alone as well as combined panel benders and press brakes with 6 or 7-axis industrial anthropomorphic robots, which can be equipped with additional material handling or bending support devices.

What makes the difference in practice is the **offline programming software**, which typically represents a critical issue for robotics integration solutions. Since all the programming is done in the office, the operator activities are easy as they are limited to check the programming on board, and allows the engineer to concentrate on bending operations.

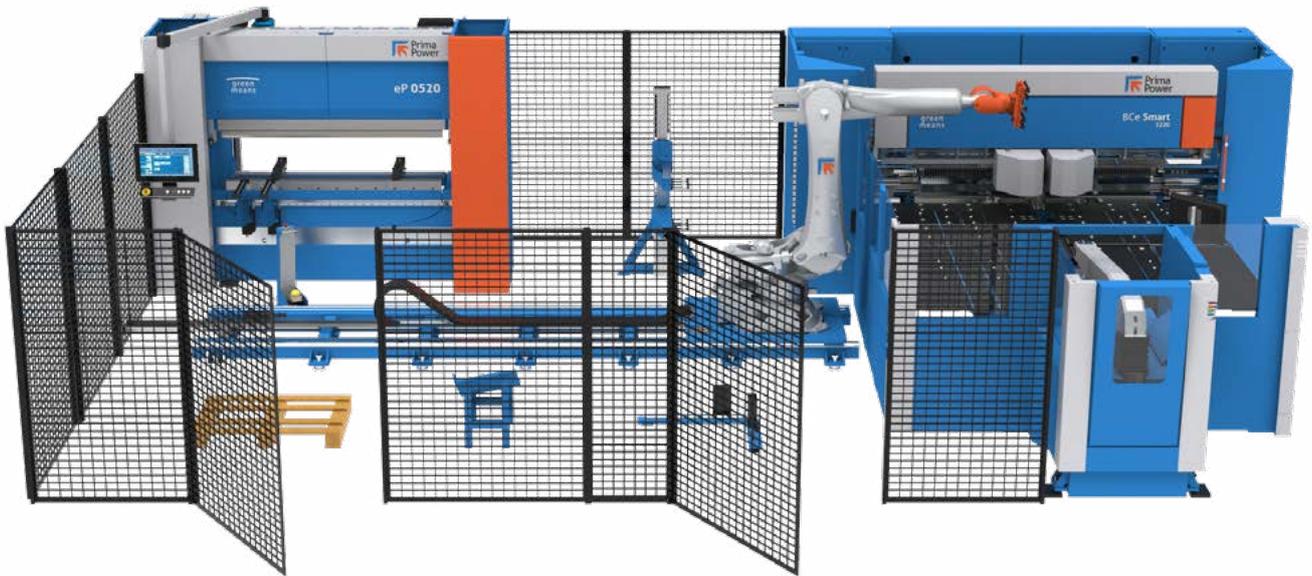


Visit our website

Explore the Prima Power Robotic Solutions

ROBOTIC BENDING CELLS

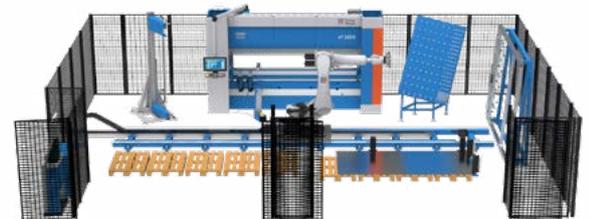
LEVEL UP YOUR PRODUCTIVITY WITH THE MODULARITY OF OUR INTEGRATED SOLUTIONS



The **great versatility** of our Robotic Bending Cells allows them to find proper applications in any industrial segment and **adapt to batches of any dimension**.

Our Robotic Bending Cells can be personalized according to customer needs. The several available sizes of the press brake or panel bender, the robot, the tools supplied are evaluated based on two scenarios: the **autonomy desired by the customer** (i.e., how much the operator needs to intervene to feed or unload the line) and the **required automation level**, such as the use of automatic systems for tool change.

The **flexibility in personalization** ensures that our robotic bending solutions achieve the best operating conditions in any application field.



Today's manufacturing needs have changed, modern types of robotics must prioritize programmability (preferably offline), adaptability to different productions, and flexibility.

Flavio Bortolan
Product Manager Robotics

EXPRESS ROBOT CELL

MINIMUM FOOTPRINT. MAXIMUM POTENTIAL.



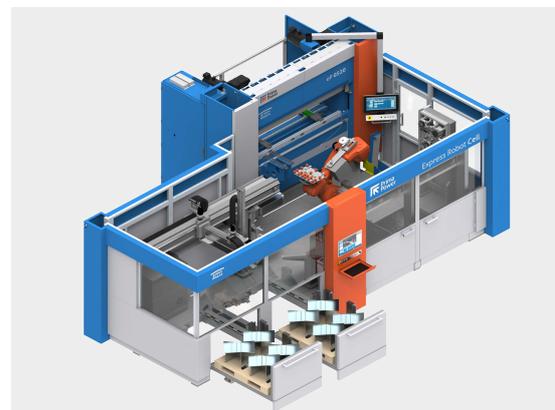
- 1 **Integrated, modular and scalable solution up to 100% unmanned production.** From compact stand-alone cell to FMS connection, or AGV outfeed.
- 2 True **parallel processing for shorter cycles and up to about 30%** ⁽¹⁾ thanks to a 3-axis Cartesian loader for blank separation and centering, and a 6-axis robot for the bending process.
- 3 Standard **kit of universal grippers** to handle a wide variety of parts, enabling quick changeovers, fewer dedicated tools, and reduced downtime.

(1) Based on average time study calculation, thanks to loading parallelization and pre-centering

Express Robot Cell is the **new compact robotic bending cell** by Prima Power and it has been designed to deliver high performance within a minimal footprint, making this robot cell suitable even for **space-constrained environments**.

The compact design of this robot cell enables **quick movements and short cycle times**, resulting in high productivity.

Express Robot Cell can be integrated with FMS storage systems, such as Prima Power's Night Train, enabling continuous, unattended production. The stand-alone version can be easily upgraded to a connected solution, with automated loading from storage systems and unloading to Automated Guided Vehicles (AGVs).



Visit our website

Explore the Prima Power Express Robot Cell

EXPRESS ROBOT CELL

MINIMUM FOOTPRINT. MAXIMUM POTENTIAL.



The system is built on a **plug-and-play integrated metallic platform** that houses the press brake and the robot with its peripherals in **two main components**, ensuring **fast transport and easy installation**.

This solution is the ideal choice for sectors like appliances, HVAC, automotive, metal furniture, and industrial components, handling small- to medium-sized parts, **from simple to highly complex geometries**.

Leveraging the know-how of the Prima Power Robotics Integration Unit, the new system is designed to **grow with the customer** from a stand-alone unit to a fully connected production cell.



PRODUCTIVE

- Rapid actuation of movements combined with reduced cycle times



FLEXIBLE

- Wider variety of parts even with a limited number of grippers available



COMPACT

- Minimal footprint, suitable even for the smallest places

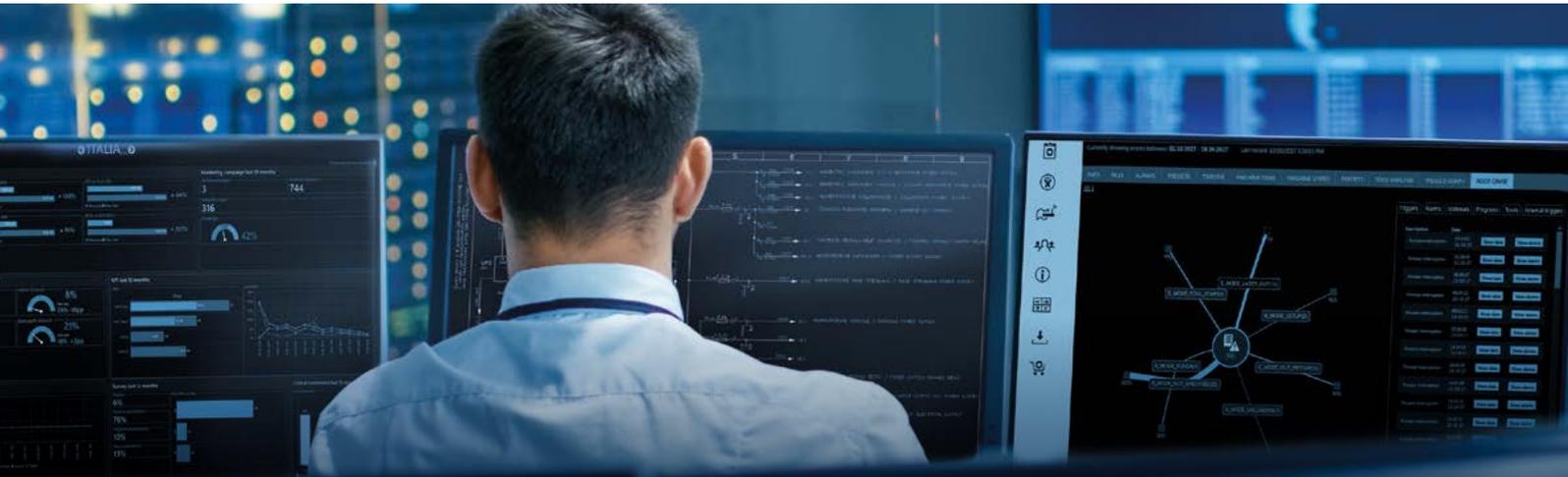


PLUG & PLAY

- All devices are mounted on a metal platform ready to work

SOFTWARE

LEVEL UP YOUR PRODUCTIVITY
WITH OUR DIGITAL ECOSYSTEM



- 1 One **comprehensive ecosystem** for the entire production flow.
- 2 **Improved profitability** with optimized material management and data-driven process and maintenance.
- 3 **Empower your team** with enhanced programming capabilities combined with intuitive interfaces.

Always be in control of your system, regardless of the technology, with Prima Power's complete suite of machine user interface software.

From controlling machine operations, tools, parameters, and production orders to the stacking of finished parts, all available directly on-board with an intuitive touch-screen interface.



Visit our website

Learn more about the
Prima Power Software

SOFTWARE

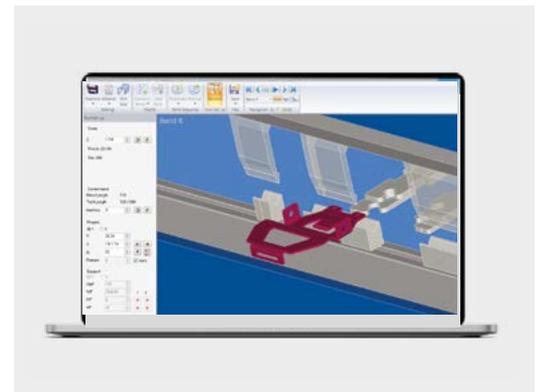
EASY AND INTUITIVE PROGRAMMING

The eP-series features an easy-to-use control panel with touch screen that leads to a significant improvement in data input rates and a considerable reduction in programming time. 2D graphical programming with automatic bending sequencing helps to make even first-time operators productive, but can easily be upgraded to 3D programming at any time.



AutoPOL OFFLINE PROGRAMMING

AutoPOL is an effective and **user-friendly offline programming** tool that increases the productivity of eP press brakes. It allows **importing 2D dxf** files as well as to **draw 3D parts**. Set-up time can be reduced and part feasibility can be verified as early as offline programming thanks to sophisticated bending simulation.



AutoPOL HIGHLIGHTS

- Two different product levels available: AutoPol BendSim **Basic** and AutoPol G2 BendSim **Pro**
- Full CAD/CAM functions with 3D features for press brake programming
- Export of 2D unfold patterns into DXF for use in punching and cutting machines
- Bend simulation for graphical programming

MAIN AutoPOL BENEFITS

- Machine down time reduction
- -50% programming time
- -30% set-up times
- -65% scrap parts thanks to correct cutting dimensions
- Enables feasibility analysis of the parts

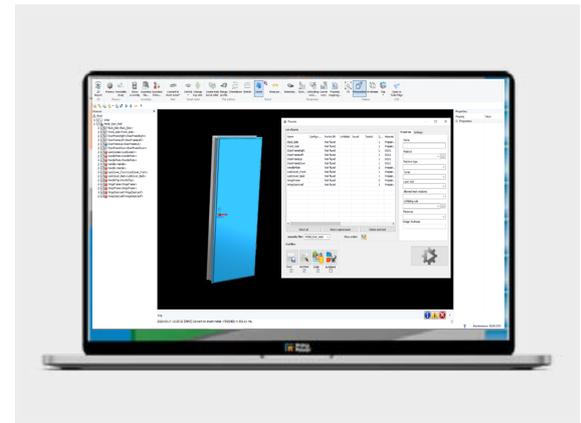
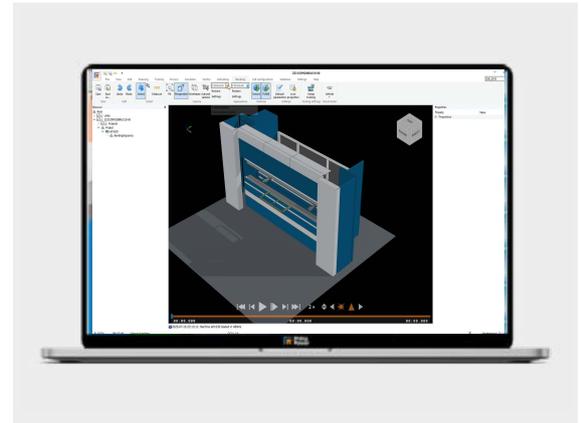
SOFTWARE

EASY AND INTUITIVE PROGRAMMING

NC Express BRAKE

NC Express is Prima Power's CAD/CAM programming ecosystem for programming press brakes as well as 2D Laser, Combi, Shear, Punching machines, Systems and automation. Its strength lies in its complete integration with Prima Power equipment, ensuring the best performance in terms of speed, precision, and overall production efficiency.

The programming system, created by the same machine manufacturer, ensures high compatibility with all other Prima Power software. It also provides effective and flexible after-sales support.



NC Express highlights

- **Integrated** solution with Prima Power machines and Tulus Office HMI for effortlessly transition between different manufacturing processes.
- **Press brake dedicated functionalities** to master the machine programming at any stage
- **User-friendly interface** for enhanced user experience. Modern and intuitive UI for reduced training time and increased productivity.

NC Express benefits

- **Flexibility** - from manual part preparation and manual nesting to fully automatic processing
- **Support for all technologies** - unfolding, laser cutting, punching, shearing and robot pickup all in one package
- **Commitment** - to support customer production from consultation, training and support to customization

LIFE-CYCLE SUPPORT



Visit our website
Find out more

CUSTOMER-FOCUSED APPROACH THAT TARGETS YOUR PRODUCTIVITY CHALLENGES

ANALYZE & ADVISE

- PROCESS ANALYSIS
- FEASIBILITY AND CYCLE TIME STUDY
- PRODUCTION FLOW SIMULATION
- FACTORY AND ERP INTEGRATION ANALYSIS
- MODULAR SOLUTION SELECTION

SET-UP & TRAIN

- SOLUTION SETUP
- PRODUCTION START-UP
- TRAINING
- PROCESS OPTIMIZATION
- PRODUCTION RAMP-UP



EVOLVE & INTEGRATE

- SOLUTION UPGRADE AND SCALE-UP
- SOFTWARE UPGRADE
- REFURBISHMENT
- PRIMA POWER ACADEMY
- RELOCATION

ASSIST & MAINTAIN

- PREVENTIVE MAINTENANCE
- SERVICE AGREEMENTS
- IN-FIELD, PHONE & REMOTE SUPPORT
- SPARE PARTS & TOOLS
- SPECIALIZED TECH SUPPORT

PRIMA POWER'S GLOBAL PRESENCE

WORLDWIDE CUSTOMER-FOCUSED APPROACH

Prima Power's global presence embodies its **dynamic approach and unwavering focus on customers**. With a widespread industrial and sales and service footprint, the company strategically positions itself where it's needed most.

A connection rooted in decades of knowledge and expertise enables Prima Power to truly **understand and support the unique needs of each market and industry**.

- ~400** SERVICE ENGINEERS
- 15,000+** INSTALLED MACHINES
- 6** R&D AND PRODUCTION PLANTS

SEMEA

- 1 HEADQUARTERS
- 3 PLANTS AND R&D CENTERS
- 2 TECH CENTERS



NORTH EUROPE

- 1 PLANT AND R&D CENTER
- 2 TECH CENTERS

AMERICAS

- 1 PLANT AND R&D CENTER
- 2 TECH CENTERS

APAC

- 1 PLANT AND R&D CENTER
- 1 TECH CENTER



Find out where we are closest to you



Send us your request or start a live chat

Prima Power IS PART OF **PRIMA INDUSTRIE GROUP**

1,900 PEOPLE
550+ MIO € REVENUES





FMS | AUTOMATION & ROBOTICS | SOFTWARE | PUNCHING & SHEARING | BENDING | 2D & 3D LASER

Partner with the knowledge and dynamism of Prima Power. **Evolve by integration**