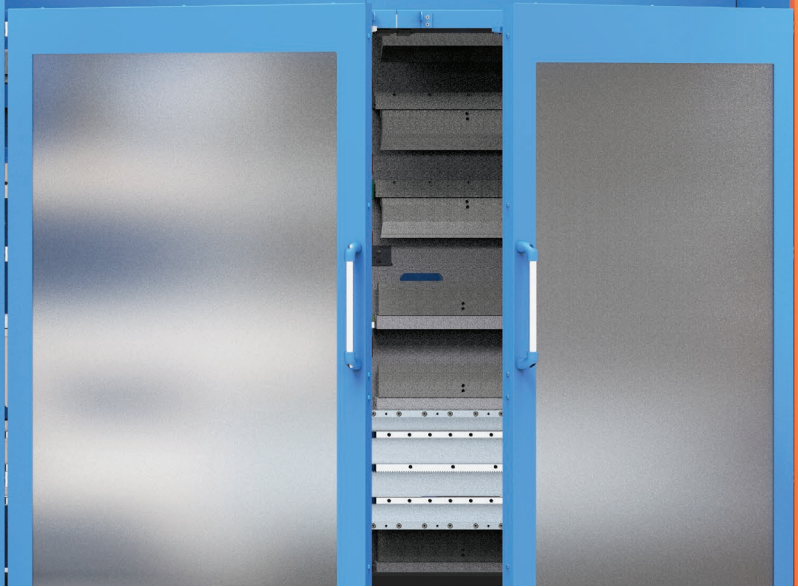
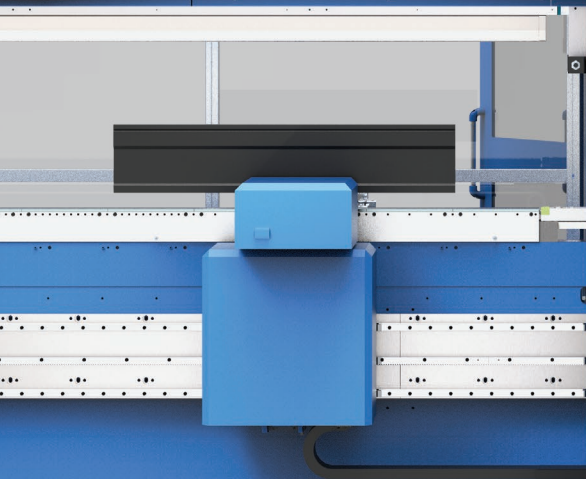




eP Genius  
1030



The Bend  
The Combi  
The Laser  
The Press  
The Punch  
The Shear  
The System  
The Software

# The Press | eP Genius 1030

Servo-electric bending technology



# Enhanced versatility and productivity with more automation

Prima Power brand-new bending solution **eP Genius 1030** consists in the integration of the well-known **servo-electric eP-1030** press brake with one **automatic tool change storage**. This concept offers you 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 is the ideal solution for minimum batches where it is possible to estimate the machine set-up and short cycle times help you gaining higher market competitiveness.

During the tool change, a safety laser scanner detects the working area and protects the operator without need for human intervention when it's time to reset the machine functionalities.



## SAFE, ERGONOMIC & AUTOMATIC

Augmented protection of the operator thanks to the laser scanner that monitors the working area of the press, and allows unmanned operations in total safety.



## READY TO PRODUCE

Thanks to the automatic tool change, the machine is always ready to produce compared with other press brakes with manual set-up.



## ACCURATE

Reduced possibility of human mistakes caused by manual tool change and set-up.



## FLEXIBLE

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



## USER FRIENDLY

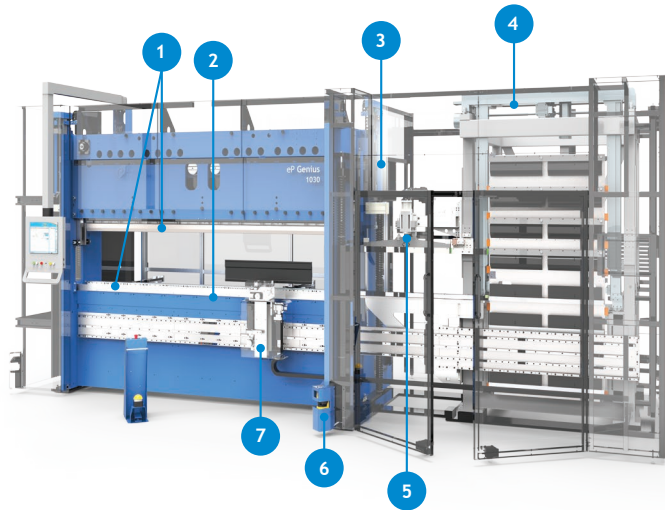
Easy to install, use and maintain.

# Standard features

The eP-1030 included in the solution is the most versatile machine in the eP servo-electric range, a perfect combination of tonnage (105 tons) and work capacity (3,060 mm of bending length), automatic CNC crowning, 5-axis back gauge and IRIS Plus angle control system on CNC-controlled motorized arms. The tools storage, main innovation of this product, can accommodate a total of 32 meters of tools to be placed on 8 tool-holder supports that move on 3 axes. It can handle Wila-style tools with a minimum length of 20 mm up to 515 mm.

Furthermore, a tool 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.



- 1 Automatic Tool Clamping
- 2 CNC Crowning
- 3 Motorized Lazer Safe
- 4 Tools Storage
- 5 Tool Rotation Device
- 6 Laser Scanner
- 7 Shuttle

# Technical specifications

## eP-1030 technical data

Max. tonnage	1,050	(kn)
Distance between side frames	3,150	(mm)
Daylight	700	(mm)

### Y-AXIS

Stroke	310	(mm)
Max working speed	10	(mm/s)
Approaching speed	125	(mm/s)
Return speed	125	(mm/s)

### X-AXIS

Speed	350	(mm/s)
Stroke/max positioning dim.	560/1,000	(mm)
Stroke X1 (delta X)	± 100	(mm)

### Z-AXIS

Speed	2000	(mm/s)
Working area	200 to 2,880	(mm)

### R-AXIS

Speed	150	(mm/s)
Stroke	200	(mm)

## Tools Storage technical data

Max. capacity of tools storage	32	(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)

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