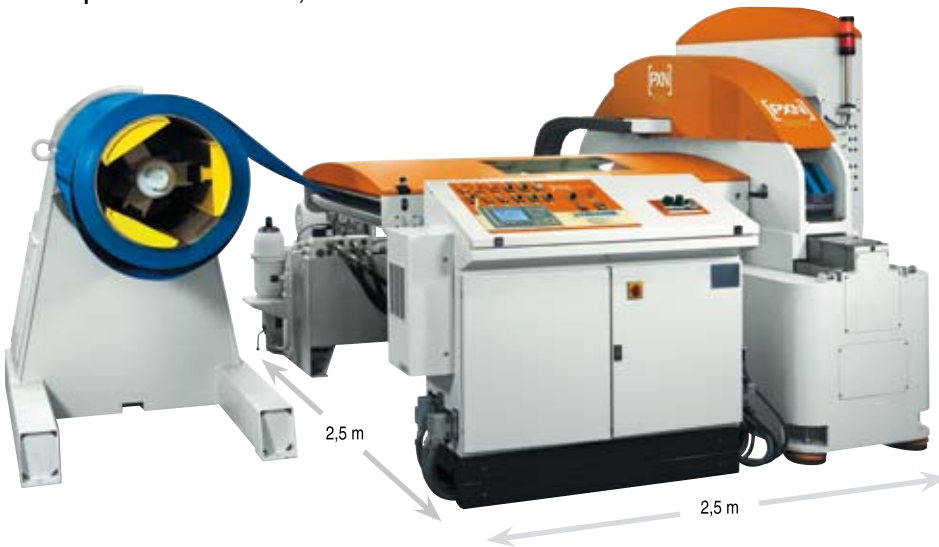


# COMPACT COIL PUNCHING MACHINE

## NEW! PXN easy 1010 Multiservice

Width up to 1000 and 1250 mm; 10 or 20 tools.



Dalcos SpA presents the new coil punching machine **PXN easy 1010**, named Multiservice.

This machine offers you the ultimate technology for punching metal strips up to 1000 and 1250 mm width in less than 2,5 mt in width. As well as all the other PXN easy machines, they distinguish for the **compact layout** and their simple use: a real technological challenge!

The 1000 mm version can be installed in less than 6 square meters plus the space for the overhanging decoiler and the straightener (if required). The PXN easy 1010 has a **monoblock structure** in which the electrical cabinet, the hydraulic installations, the electronic feeder and the moving punching presses are installed. Once the strip is put into the feeder, the machine produces automatically without the continuous supervision of the operator. The pieces are discharged after being cut by the integrated cutting shear. The PXN easy 1010 is perfectly suited to produce notched, punched and cut to length panels to **produce safety door panels, fire-rating**

**doors panels** electrical cabinets, switch gear panels, ventilators, panels for the false ceilings industry and much more. These machines can process metal strips in aluminium, steel, stainless steel, galvanized steel, mirror-polished aluminium, prepainted steel and aluminium, special materials, even with protective film. Several patented solutions are integrated in PXN easy. Our **VEGA Bialternato® patented electronic grip feeder** uses two moving grippers that move in opposite directions. This simple device positions the strip with top-level accuracy in the X axis and can move the material **forward and backward**, maintaining the same precision even in changing width, thickness and type of material. Thus, production can be changed by simply adjusting the guides at the right width and introducing the new strip. Another important advantage of the VEGA Bialternato® feeder is the **length of the guides**. They lead the strip for a length that is at least double than the width of the



material, to guarantee the **precise positioning** of the transversal moving punching tools. The PXN easy 1010 punching head moves in the transversal direction (Y) and incorporates **10 or 20 thick turret tools** (standard tools for punching machines which can be supplied by several producers). Dimensions are B and C (up to 50,8 mm maximum diameter of the punch tool). The specific hydraulic unit for nibbling operations can reach **over 600 strokes per minute**. The structure of the punching head has been optimized using FEM analysis to be light and quick. **The monoblock tool bearing arches** (punching units) are processed as a single cast iron block. This guarantees the perfect coaxiality between punch and die and higher life of the tools. The monoblock tool arches are modular and small, so **they can be easily handled** by the operator. **All the tools can be changed directly working on one side only of the machine**, thanks to the table set near the machine. After punching, the products are cut with the **integrated cutting shear**. The machine can be programmed quickly using the machine display and keyboard. CAD CAM and parametric software can be used connecting the machine to a PC, for Just In Time production.

PXN easy 1010 and PXN easy 1020 have respectively 10 and 20 tools. They are available available for strip width **from 80 up to 1000 and 1250 mm**. It processes materials from 0,3 to 1,5 mm and it is possible to work with all kinds of materials, from galvanized steel to the most delicate materials, with or without protective film. The high precision is granted by the VEGA Bialternato® feeder. To receive a more detailed quotation you can connect to [www.pxneasy.com](http://www.pxneasy.com) or contact Dalcos® technical and commercial service.



### MAIN ADVANTAGES

- Optimization of the raw material up to 20%
- Investment with short payback time
- Optimized raw material storage
- Simple line management
- 1000 and 1250 mm wide strips
- Top level precision thanks to the VEGA patented gripper feeder.
- Automatic production
- Compact layout
- Standard thick turret tools
- High productivity
- Up to 1,5 mm thickness

To receive a more detailed quotation you can connect to [www.pxneasy.com](http://www.pxneasy.com) or contact Dalcos® technical and commercial service.



Visit our new web site dedicated to the coil punching machine PXN easy:

[www.pxneasy.com](http://www.pxneasy.com)

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