



TIPO B164 configured for 1600 mm wide plates

TECH SPECS

AUTOMATIC CNC PUNCHING AND THERMAL CUTTING SYSTEM FOR PLATES – TIPO B	TIPO B164	TIPO B254
Plate size [max.mm]	1600x3000	2540x6000
Punching force [kN]	1000	1000
Punching tools [no.]	4	4
Punching diameter [max.mm]	32	32
Punching thickness [max.mm]	25	25
Drilling heads [no.]	1	1
Drilling tools per head [no.]	4	4
Drilling diameter [max.mm]	40	40
Drilling thickness [max.mm]	100	100
Spindle power [kW]	20,1	20,1
Spindle spindle [max.RPM]	4000	4000
Plasma torches [max no.]	2	2
Oxy-fuel torches [max no.]	2	2
Machine weight [kg]	8000	24000

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## TIPO B

Automatic CNC punching & thermal cutting systems for heavy plates



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TIPO B - Automatic CNC punching & thermal cutting systems for heavy plates



TIPO B systems have proven to be some of the most innovative solutions for the fabrication of plates in various diverse industries. This comprehensive solution for the fabrication of plate is achieved by the complete integration of multiple operations within one CNC work center.

The TIPO B product line has been designed to integrate all the typical functions that are required for plate fabrication. The ability to start with raw material and end with the finished part including such operations as drilling, milling, punching, marking, scribing and thermal cutting the part to the desired size and shape is what makes the TIPO B truly unique.

An optional high performance drill spindle with tool-changer can be included to expand the capabilities of the Tipo B systems.

The system can be provided with a complete range of Hypertherm plasma torches in order to satisfy the demands of the client.



Automatic nesting through dedicated software



Pegaso is the new generation CNC for FICEP machines. PC, CNC and PLC are all integrated on a single board, to have the maximum reliability. Pegaso is based on field bus technology: CanBus and EtherCAT, with up to 32 axes controlled.



Play video



Optional drill head with 4-position automatic tool changer

The plate positioning is accomplished with a lateral powered material clamping device that positions the material to industry leading tolerances. The hydraulically powered material clamps are powered with a positive rack and pinion system to position the plate to the required precise location.

The infeed and outfeed conveyors are configured to achieve the desired length of plate to be processed starting from the standard length of 6 meters.



4-position automatic punching tool changer



Punching unit



Plasma and oxy-fuel torches

