



**STEEL
CONSTRUCTION**

ANGLES & FLATS
BEAMS & PIPES
PLATES
SURFACE TREATMENT
ROBOTIC WELDING
SOFTWARE & AUTOMATION

TIPO A

Automatic CNC drilling & thermal cutting
systems for heavy plates





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The Tipo A plate processors have the ability to automatically fabricate a wide range of stock plate thicknesses up to 130 mm.

This CNC technology generates a "Done in One" cycle which

evolves from stock plates to finished plate components on one work center. The Tipo A plate processors incorporates the operations of drilling, scribing, milling, marking and tapping with thermal cutting by either oxy-fuel or plasma.



The advantages can be summarized as follows:

- Saves plant space by consolidating fabrication operations
- Reduction of material handling steps
- High processing speed
- Diverse processes generated on one work center
- Precision
- Productivity
- Optimization of operations

Main machine characteristics:

- Robust double bridge frame.
- Two independent drill heads positioned by precision ball screws.
- Each drill head is powered by a 25,4 or 33 kW motor that generates spindle speeds up to 3,000 RPM.
- Dual tool change system with 6 positions for each spindle.
- CNC controlled marking unit with 38 positions.
- Availability of a second plasma torch and drill spindle for enhanced productivity.
- CNC controlled material positioning carriage with double pinchers driven by rack and pinion to generate industry leading performance and accuracy.
- Automatic chip conveyor for the drilling unit.
- Infeed and outfeed roller conveyors for 6 mt long plates





Pegaso is the latest generation CNC for FICEP lines where the PC, CNC and PLC are all integrated into a single circuit board for maximum reliability. Pegaso is based upon a field bus technology using CanBus and EtherCAT for controlling up to 32 separate CNC axes.



Optional oxy-fuel torches are available



Suitable for:

- Bridge fabrication and viaducts
- Structural steel fabrication
- Shipyards
- Manufactures of agricultural and earth moving equipment

High definition plasma cutting unit



TIPO A Automatic CNC drilling & thermal cutting systems for heavy plates	TIPO A25LG
Plate size [max. mm]	2540x6000
Drilling heads [no.]	2
Drilling tools per head [no.]	6 (12)
Drilling diameter [max. mm]	40 (50)
Drilling thickness [max. mm]	100
Spindle power [kW]	33
Spindle speed [max. RPM]	3000
Plasma torches [max. no.]	2
Oxy-fuel torches [max. no.]	2
Machine weight [kg]	15000

TECH SPECS

Please review FICEP's terms and conditions of sale and system specifications that are in our formal proposal. The manufacturer reserves the right to change specifications and features from those indicated in this brochure. Current specifications and features are part of the formal quotation. The raw material mentioned on this catalogue are in accordance with the following standards: UNI EN 10025 for technical conditions; UNI EN 10029 for dimensional tolerances; UNI EN 1090 - UNI EN 9013 for pieces execution tolerances.



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