



MAIN OPTIONS

DRILLING UNIT

- This unit enables drilling of holes, as an alternative to punching, up to a max. diameter of 40 mm. The unit is automatically inserted into the punching unit's working cycle and is supplied complete with:
 - Spindle rotation motor
 - Sensitive, self-controlled speed change unit for fast approach, work preset speed, fast retract
 - External and internal oil mist coolant system for drills

MARKING TOOL

- The marking tool can be used in place of the left-hand punch holder included with the basic machine. In just a few seconds, it is possible to have a simple and quick marking unit!



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TECHNICAL CHARACTERISTICS

MODEL		P83 E	P113 E
Punching capacity			
Throat depth	mm	500	800
Maximum punching capacity throughout the entire stroke and available on all punches	kN	800	1100
Material thickness with standard tools	MIN.	4	4
	MAX.	25	25
Maximum diameter	mm	46	46
X and Y axes positioning stroke	mm	1000 x 500	1000 X 800
Maximum plate weight at a standard positioning speed	Kg	230	230
Maximum plate size with programmed repositioning (on the length)	mm	500	800
Punches	no.	3	3
Punching max. thickness with shear strength 400N/mm ² dia. max. through	mm	32 x 20	35 x 25
Optional			
Drilling capacity			
Monospindle drill head with a spindle rotation motor			
Maximum plate thickness	mm	40	40
Maximum hole diameter	mm	40	40
Motor	kW	7,5	7,5 (19)
Spindle speed constantly adjustable by the programme	RPM	180 ÷ 2200	180 ÷ 2200 (3500)
Marking capacity			
Available marking force	kN	800	800
Marking tool	no.	1	1
Characters per group	no.	8	8
Size of characters (Ficep 31)	mm	16 x 8	16 x 8

Please review FICEP's terms and conditions of sale and its machine tolerances that appear in its transactional documents which will be furnished upon request. All the specifications on this catalogue are mere indicative and not binding for the manufacturer. The above mentioned data refer to R=45 kg/mm² material. Dimensional tolerances of the raw sections are to UNI 5783-5784/73 standards.



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 FICEP DE FICEP Hong Kong
 FICEP Russia FICEP Austria Service
 FICEP India Service



P83E and P113E

CNC plate punching line
 for thick plates



MADE IN ITALY



P83E and P113E CNC plate punching line for thick plates

Hydraulic punching machine of the C-frame type, fitted with a tool having three selectable punches. Each punch has a punching force of kN 800 or 1100 kN throughout its entire stroke.

One-piece steel frame containing the electric system with auxiliary pushbutton, the hydraulic system complete with power pack, the pneumatic system and the Ficep Pegaso CNC. The punching machine is supplied ready to work and does not require installation.

- Plate clamping system, self-adjustable to suit the plate thickness, used for both stripping during punching, and for repositioning of the pinchers
- When required, the machine can also be fitted with a drilling unit and/or a marking tool
- Coordinate table to position the plate in the working area, complete with:
 - Positioning system on the two axes of the plate holding carriage, complete with ball screws and servo motors
 - Plate holding carriage fitted with two pinchers
 - Zero plate reference unit
 - Supporting table with balls to support the workpiece during processing
 - Plate clamping pinchers, hydraulically controlled, to clamp both plates



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.



Automatic scribing tool



Pinchers

