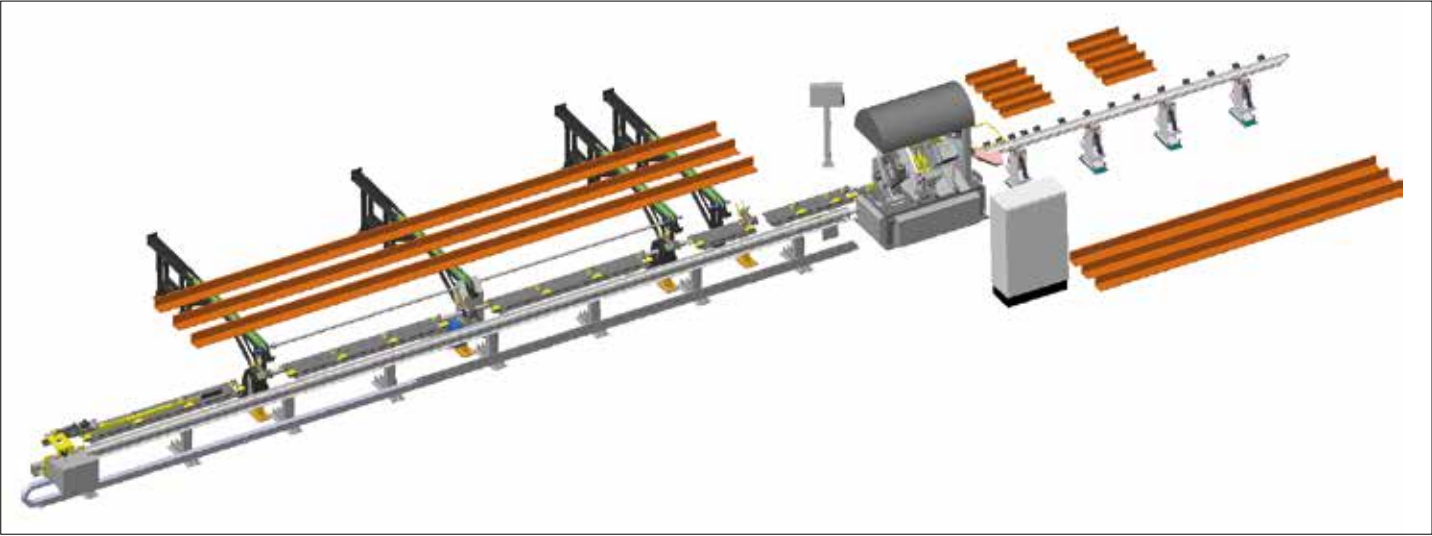


The system layout is also flexible to incorporate:

- infeed and outfeed cross transfer tables to allow automatic loading/unloading of bars and processed pieces
- special system with V-shaped supports for the automatic loading of the angles onto the infeed idle rolls conveyor
- infeed and outfeed rollerways of various lengths
- special tables for left or right unloading of bars and pieces to satisfy all requirements.



Rotating loading system



Multiple hold down system



TECH SPECS

CNC PUNCHING AND SHEARING LINE FOR ANGLES- HP	HP10T4	HP12T4	HP16T4	HP16T6	HP20T4	HP20T6	HP25T6
Angle size (410 N/mm²) [min. mm]	30x30x3	30x30x3	40x40x4	40x40x4	40x40x4	40x40x4	40x40x4
Angle size (410 N/mm²) [max. mm]	100x100x10	120x120x13	160x160x19	160x160x19	200x200x25	200x200x25	250x250x25
Diameter per flange [no.]	2	2	2	3	2	3	3
Punching force [kN]	500	650	800	800	1000	1000	1000
Punching diameter [max. mm]	32	32	32	32	32	32	32
Shearing force [kN]	1000	1800	2200	2200	4500	4500	4800

Please review FICEP's sales terms and conditions and machine tolerances as per specific documentation that can be supplied upon request. All the specifications on this catalogue are merely indicative and not binding for the manufacturer. The raw material mentioned on this catalogue are in accordance with the following standards: UNI EN 10025 for technical conditions; UNI EN 10056-1 - UNI EN 10056-2 for dimensional tolerances; UNI EN 1090 for pieces execution tolerances.



FICEP S.p.A. - HEADQUARTERS
via Matteotti, 21
21045 GAZZADA SCHIANNO VA
ITALY
Tel +39 0332 876111
Fax +39 0332 462459
email: ficep@ficep.it
www.ficepgroup.com

FICEP France
FICEP Iberica
FICEP UK
FICEP DE
FICEP Russia
FICEP Corporation
FICEP Mexico
FICEP Algeria
FICEP Sul America Service

FICEP Middle East - Dubai Office
FICEP Middle East
FICEP Hong Kong
FICEP Guangzhou
FICEP Austria Service
FICEP India Service
FICEP Korea Forge Service
FICEP Japan



HP
High performance CNC
punching and shearing lines
for angles



HP High performance CNC punching and shearing lines for angles



Fabricators have to face challenging work schedules which are often in extreme weather conditions. These needs are answered by the CNC lines in the "HP" range which are outstanding for their:

- high precise and accurate processing
- extreme robustness for high production
- increased capacity of the hydraulic units
- innovative hydraulic circuits
- resistance to fatigue and extreme climates
- dedicated hardware and comprehensive software

Ficep engineers have studied new hydraulic circuits to reduce cycle times and to obtain 20% more performance than previous models.

The performance of the hydraulic power units, which are free standing, have been expanded to meet the challenges of a high productivity environment.



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

Our HP lines are unique CNC punching and shearing work cell where an angle enters as a stock length and exits as a completed part, after a combination of programmed processes such as punching, drilling, notching, marking, shearing. These modular lines can have different configurations, both in terms of size and capacity, to address the various fabrication needs in one single pass:

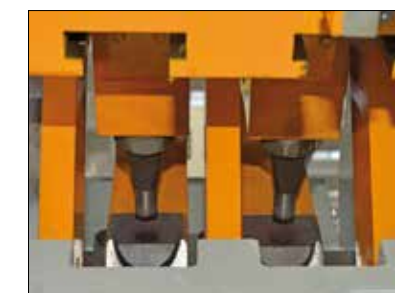
- Versions with 1, 2 or 3 different punch diameters on each leg of the angle.
- Quick-change shearing blades to also cut flats and channels.
- CNC programmable daisy wheel marking unit or cartridge style marker.
- Drill heads with automatic tool changers.
- Optional press or presses with interchangeable tools to address additional fabrication requirements.



Quick change shear tooling for flats and channels



Automatic programmable marking unit



Punching units

