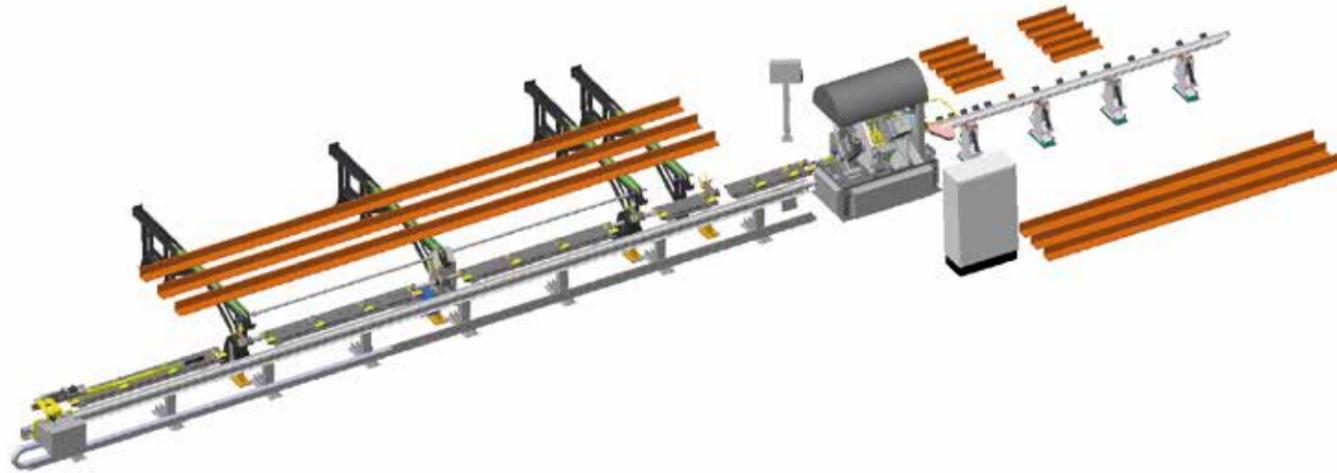


The system's productivity can be enhanced by adding the following material handling options:

- Automatic stock length loading tables
- Rotary loaders for the automatic transfer of angles from the loading table to the system infeed conveyor
- Infeed and outfeed conveyors of various lengths
- Material discharge tables for left or right side unloading



Rotating loading system



Multiple hold down system

TECHNICAL CHARACTERISTICS

MODEL		HP10T2	HP10T4	HP12T4	HP16T2	HP16T4	HP16T6	HP20T4	HP20T6	HP25T6
Min angle size	Inch	1-3/16" x 1-3/16" x 1/8"	1-3/16" x 1-3/16" x 1/8"	1-3/16" x 1-3/16" x 1/8"	1-3/16" x 1-3/16" x 1/8"	1-5/8" x 1-5/8" x 3/16"				
Max angle size	Inch	4" x 4" x 3/8"	4" x 4" x 3/8"	4" x 4" x 1/2"	6" x 6" x 9/16"	6" x 6" x 3/4"	6" x 6" x 3/4"	8" x 8" x 1"	8" x 8" x 1"	10" x 10" x 1"
Diam. per flange	No.	1	2	2	1	2	3	2	3	3
Punching force	US Tons	55	55	72	72	88	88	110	110	110
Max diameter	Inch	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
Shearing force	US Tons	110	110	192	192	242	242	495	495	528

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.



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02-2016 Advanced Agency VA



HP

High performance CNC
 punching and shearing lines
 for angles



MADE IN ITALY



HP
High performance CNC punching and shearing lines for angles.
Specifically designed for Tower Production



Fabricators have to face challenging work schedules which are often in extreme weather conditions. These angle fabrication challenges are addressed by the CNC angle lines in the "HP" range which are designed with the following attributes:

- Exceptional accuracy regardless of the part length
- Robust design to address continuous high production requirements
- Increased capacity of the hydraulic units
- High efficiency hydraulic circuits to reduce the cycle times
- Designed to address temperature extremes
- Dedicated hardware and comprehensive software

Ficep engineers have created a highly efficient hydraulic system 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 and simplicity. Pegaso is based on field bus technology: Can Bus and Ether CAT, with up to 32 axes controlled.



The "HP" angle fabrication systems are comprehensive work cells where an angle enters as a stock length and exits as a completed part. This completed part can reflect the operations of punching, notching, drilling, marking, milling and cutting to length.

The modular "HP" lines can be configured in terms of size and capacity, to address the required fabricating operations (punching, notching, drilling, marking, milling and shearing) in a single pass.

The customer can easily configure a line to address their specific requirements:

- Versions with 1, 2 or 3 different punch diameters on each leg of the angle.
- Quick-change shearing blades to also process flats and channels.
- CNC programmable marking or cartridge style marking.
- 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



Quick-change punching units

