



Pegaso control unit

Infeed cross transfer and rotating loading system



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

TECHNICAL CHARACTERISTICS

MODEL		XP10T2	XP10T4	XP12T4	XP12T6	XP16T4	XP16T6
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"	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"	4" x 4" x 1/2"	6" x 6" x 3/4"	6" x 6" x 3/4"
Diam. per leg	No.	1	2	4	6	4	4
Punching force	US Tons	55	55	72	72	88	88
Max. diameter	Inch	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

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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XP
New High performance CNC
punching and shearing lines
for angles



MADE IN ITALY



New XP

High performance CNC punching and shearing lines for angles
Specifically designed for transmission towers and other high performance applications



Thanks to our industry leading experience in the design of CNC systems, our engineering team has developed a new range of angle lines with unprecedented automation, performance, accuracy and productivity. The extremely productive XP models of angle lines from FICEP offer a level of performance that was not available in the market until the introduction of this product line. When it comes to floor to floor process times, no one can match the XP range of angle lines from Ficep!

- **Faster material positioning:**
An improved, high speed material positioning carriage processes the material at speeds up to 395 FPM!
- **Faster material clamping:**
A unique automatic hold-down system which constantly maintains contact with the material even during positioning to eliminate the clamp/unclamp cycle. Each punching unit has two hold-downs, one on the entry and one on the exit side for material clamping.
- **Faster punching:**
An extremely fast punching cycle is achieved with a high performance hydraulic package. The tonnage and punch ram speed is automatically adjusted by the CNC control, taking into consideration the diameter and material tensile strength being processed.



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.



Daisy-wheel marking unit



On-board manifolds



Quick change punch holders



Single cut shearing unit



- **Maximum processing efficiency:**
Each punching unit has its own cylinder and independent gage line positioning system. This permits the ability to pre-position the next punch C-frame in masked time.
- **Faster shearing:**
An innovative hydraulic power pack delivers a quick shearing process. The tonnage and ram speed of the shearing is automatically adjusted by the CNC control taking into consideration the material size and tensile strength.
- **Faster oil speed:**
Hydraulic manifold locations are engineered to reach the maximum oil flow for the cylinders.
- **Faster pressure set-up:**
A new generation hydraulic power pack which allows for the automatic CNC controlled adjustment of the hydraulic pressure.

The World's fastest angle line ever!

