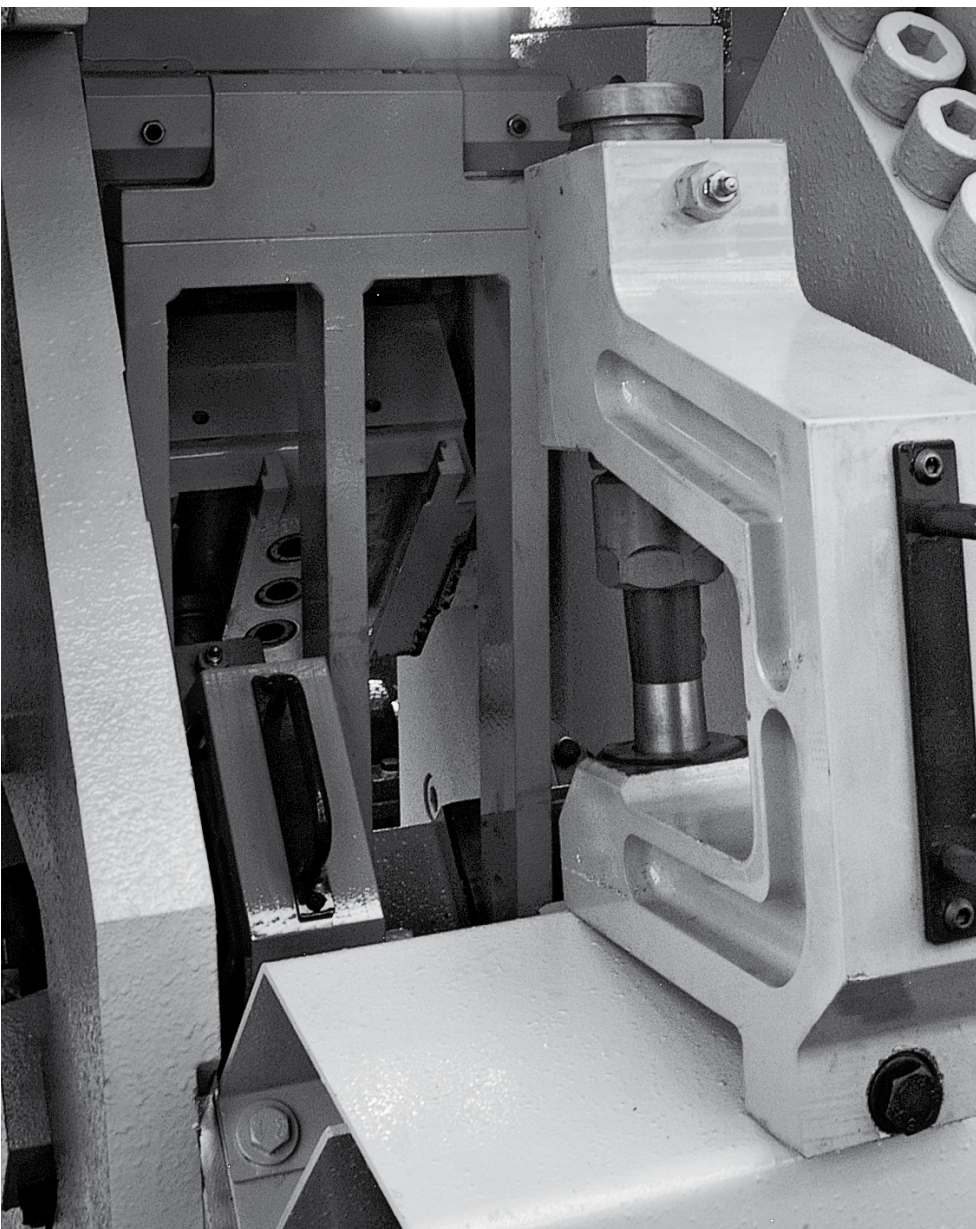


- The main optional equipments are:
- Infeed and outfeed idle rolls rollerways of various lengths
  - Rotary loaders for the automatic loading of angles onto the system infeed table
  - Daisy wheel marking unit
  - Optional press unit with connection for supplementary equipment other than standard on the basic line: interchangeable marking tool, simultaneous double punching unit, notching unit



TECH SPECS

CNC PUNCHING AND SHEARING LINE FOR ANGLES - A	A102	A162	A164	A166	A204	A206
Min. angle size (410 N/mm²) [mm]	30x30x3	30x30x3	30x30x3	30x30x3	40x40x4	40x40x4
Max. angle size (410 N/mm²) [mm]	100x100x10	160x160x15	160x160x19	160x160x19	200x200x25	200x200x25
Diameter per flange [no.]	1	1	2	3	2	3
Punching force [kN]	500	650	720	720	1000	1000
Max. punching diameter [mm]	32	32	32	32	32	32
Shearing force [kN]	500 (1000)	800(1800)	900 (2000)	900 (2000)	4500	4500

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.



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**A**  
 CNC punching and shearing  
 lines for the processing of  
 angles

05-2017 Advanced Agency VA





# A CNC punching and shearing lines for the processing of angles



The “A” series in the Ficep range have been created for small and medium steel construction companies. These machines provide flexibility and simple use so they can be utilized by customers who do not have specialized staff and where production lots are short and diverse. The range is complete and can be configured according to customer requirements.

These lines are characterized by material infeed by means of an innovative roller conveyor system. The operator only has to manually feed the angle onto the conveyor rollers, then the machine automatically conveys and positions the piece according to its size. The roller system created by Ficep engineers allows precision with a minimum loss of material thus reducing costs.



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



38 characters rotary marking unit



The “A” range includes various sizes to cover all the more common sizes of angles used in steel construction, and can be configured with 1/2/3 diameters per flange, each one CNC controlled and based in a special quick-change holder.

The Ficep CNC “A” range angle lines solution gives you the opportunity to process angles for long bracings, diagonals, webs and clip angle using a traditional consolidated cutting technique of “double cut shear”. This incredible shearing technology gives an excellent quality cut by reducing the force needed during such operation and consequently making the initial investment more affordable.



Quick-change blade holder



Angles infeed system with roller

