

Cnc Angle Cutting, Punching And Marking Line



High productive CNC Punching and Shearing Line for Angle And Channel

TECHNICAL SPECIFICATIONS

Model	HA101	HA102	HA122	HA163	HA203	HA253
Functions	CNC Angle Punching, Cutting & Marking Line Machines					
Angle Size min.(mm)	35 x 35 x 3	35 x 35 x 3	40 x 40 x 4	50 x 50 x 5	65 x 65 x 6	75 x 75 x 8
Angle Size Max. (mm)	100 x 100 x 10	100 x 100 x 10	120 x 120 x 13	160 x 160 x 19	200 x 200 x 25	250 x 250 x 25
Max. Punching Diameter (mm)	Ø 32	Ø 32	Ø 32	Ø 32	Ø 32	Ø 32
Punching force (kN)	500	500	650	900	1200	1200
Tools Per Flange (No.)	1	2	2	3	3	3
Marking force (kN)	900	1200	1200	1200	1200	1200
Shearing force (kN)	1000	1000	1800	2200	4500	4800
Models Available In Automatic & Semi - Automatic						

Note: Based On Material Strength Of 450 N/MM2
Illustrations, Dimension & Weights Are Not Binding As Design Are Constantly Being Reviewed

HYDROPOWER-TECH ENGINEERING

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CNC Channel Cutting, Punching and Marking Line

TECHNICAL SPECIFICATIONS

Model	HC7510	HC1012	HC1015	HC1220	HC2030
Functions	CNC C Channel Punching, Cutting & Marking Machines				
C Channel Size min. (mm)	75 x 40 x 5	100 x 50 x 5	100 x 50 x 5	125 x 65 x 6	200 x 75 x 8
C Channel Size max. (mm)	100 x 50 x 5	125 x 65 x 6	150 x 75 x 6	200 x 75 x 8	300 x 90 x 8
Max. Punching Diameter (mm)	Ø 30	Ø 30	Ø 30	Ø 40	Ø 40
Punching Force Web/Flange (kN)	300/400	300/400	300/450	500/700	500/800
No. Of Tools	2+1 / 2+2	2+1 / 2+2	2+1 / 2+2	2+1 / 2+2	2+1 / 2+2
Marking force (kN)	800	800	900	900	900
Shearing force (kN)	800	900	1000	1500	2000

Models Available In Automatic & Semi - Automatic

Note: Based On Material Strength Of 450 N/MM2
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Pinch



Marking



Center Punch

CNC Machine for Angle and Channel



CNC Machine for Angle and Channel

Description:

These machines are automatic special production line used for angle and channel marking, punching and shearing, mainly in the field of tower industry, electric power fittings, Agriculture Industries, structure storage facilities, and steel structure construction industries etc.

The "HA & HC" lines are exceptional work cells where an angle enters as a stock length and exits as a finished part after the programmed combination of processes such as punching, drilling, marking and shearing. The customer can easily configure the line to address their specific needs:

- Versions with 1, 2 or 3 different punch diameters on each Side of the angle and channel.
- CNC programmable cartridge style marker.
- Automatic stock length loading tables
- Rotary loaders for the automatic transfer of angles from the loading table to the system in feed conveyor



Side Punch



Cutting



Finish Part