

Hydraulic CNC Turret Punch Press



By offering the choice between of our well known MAX-SF series machines classical thick-turret style, Accurl proudly offers a full range of punching solutions both in performance and price range.

General Features

1. Accurl Turret Punch, presses are produced as a closed type rigid steel construction in to a robust structure to allow minimum deflection during operation.
2. Operating System is CNC and hydraulic.
3. Accurl Turret Punch 4 axes controlling; X, Y axes for movement of sheet, T axes: Turret rotation, C axis: Auto-index station rotation for indexing tools.
4. The 32 station Turret as to allow punching complicated, multi and different size holes parts in a single operation.
5. Auto-index stations can punch to required angle for various angle shape parts with CNC controller.
6. Precision forming and roller tools can be use on the Turret, therefore TP Turret punch provides
7. Complete solutions with effective costs.

Design to Production;

Metalix CNCCAD CAD/CAM software offers an integrated system cover to the user which includes the complete cycle of CNC operation.

Punch Technology;

- Special Tool drawing
- Auto-index functions
- Auto clamp positioning
- Automatic Sheet Repositioning
- CNCCAD provides automatic or manual nesting for effective use of sheet metal
- Roller Tools usable
- Common cut function
- Ribbon cutting for splitting sheet
- Auto index reducing cycle time functions with rotations to nearest position
- Tools punch sequence selection

Standard Equipments

- 4 Axes CNC System
- Siemens 808D CNC unit, servo motors and drivers
- Rexroth and HL hydraulic unit
- 32 Stations Turret10 A Stations16 B Stations2 C Stations4 D Station (2 of them Auto Index)
- Repositioning of Clamps
- Automatic reference
- CAD/CAM program
- Automatic Clamping

Optional Equipments

- Tool Adaptors
- Extra D index station
- Thin &Thick Turret Tools

Technical Parameters of the Hydraulic Driven CNC Turret Punch Press:

Item / Model		MAX-SF-30A	MAX-SF-30B	MAX-SF-30C	MAX-SF-30D	MAX-SF-30E
Nominal Force	kN	300	300	300	300	500
Max. Sheet Thickness	mm	6.35	6.35	6.35	6.35	6.35
Max. Tool Size	mm	Φ88.9	Φ88.9	Φ88.9	Φ88.9	Φ88.9
Max. Sheet Size (One-time repositioning)	mm	1250×2500	1250×4000	1250×5000	1500×5000	1250×5000
Punching Accuracy	mm	±0.1	±0.1	±0.1	±0.1	±0.1
Max. Hit Rate	h.p.m	600/900	600/900	600/900	600/900	300
Number of Stations	set	32	32	32	32	32
Number of Indexing Tool	set	2	2	2	2	2
Quantity of Controlling Axes	pcs	4(X, Y, T, C)	4(X, Y, T, C)	4(X, Y, T, C)	4(X, Y, T, C)	4(X, Y, T, C)
Machine Weight	kg	14000	15000	16000	17000	21000
Overall Dimensions	mm	4965×2800 ×2110	4965×4400 ×2110	4965×5200 ×2110	5210×5200 ×2110	4965×5200 ×2110