



General Characteristics

- MVD INAN HTP turret punch presses are produced as a closed type rigid steel construction into a rigid structure to allow minimum deflection during operation. Operation system is CNC and hydraulic. There are 4 axis controlled. X and Y axis are for movement of the sheet, T is for turret rotation and C is for the rotation of the indexing tools. The turret has 32 stations which help to finish all the work even on very complicated sheet products. The indexing stations provide punching at any angle, so for sheets with cuts at various angles, indexing station is an unavoidable necessity. So HTP turret punch provides a complete solution with optimum cost.



Fanuc CNC unit



HTP 30322 table and hydraulic / pneumatic sheet clamps

■ Standard Equipment

- 4 axis CNC system,
- FANUC oi-PC CNC unit and servo motors
- Rexroth or HL hydraulics,
- 32 tool turret with
 - 10 A stations
 - 16 B stations
 - 2 C stations
 - 4 D stations (2 of them are indexing)
- Repositioning of clamps,
- Quick dropping of the ram and operation at short stroke for increased productivity,
- Automatic referencing of sheet and clamps,
- CAD/CAM program



Turret view

CNC Turret Punch Presses



D type tools



Pieces made by HTP 30322

Entire Design - to - Production Cycle;
Metalix cnckad offers the user an integrated system covering the complete cycle of CNC operation including :

Punch Technology
Auto - punch
Special tools
Auto - indexing
Reposition
Common cuts

Advanced Punch Technologies
cnckad incorporates unique advanced technologies to support advanced machines and skilled users:

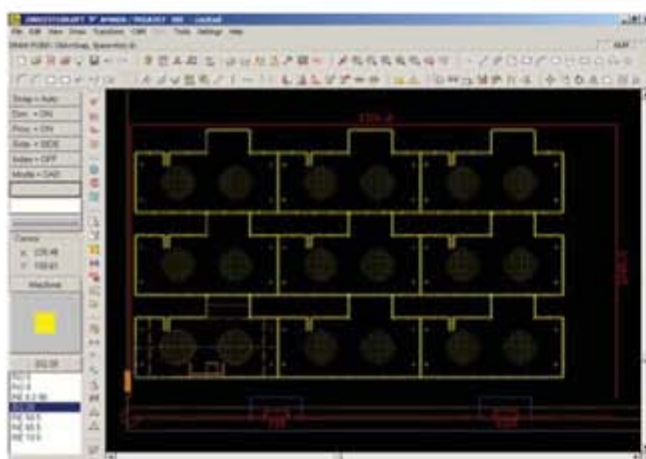
Automatic reposition
Clamp avoidance
Strips
Trim
Single clamp movement
Wilson wheel family support
Minimize tool rotation
Tool path optimization

Optional Equipment

- Extra clamps
- Tool adaptors
- Extra D index stations
- Thin & Thick turret tooling



B type tools



CAD/CAM solutions

TECHNICAL SPECIFICATIONS

HTP	30322	
Press Capacity	300	kN.
Max. Sheet Dimensions	1250 x 4000	mm.
Max. Sheet Thickness	6,0	mm.
Biggest Tool Hole Diameter	Ø 88,9	mm.
Turret Options	32	
Positioning Accuracy	± 0,1	mm.
Hits Per Minute	300/600/900	hpm.
X, Y Axial Speeds	70	m/min.
Turret Rotations Per Minute	30	rpm.
Number of Axis	4	
Air Pressure	0.85	Mpa.
Overall Dimensions (L x W x H)	5300x3200x2100	mm.
Approximate Weight	15.000	kg.
• Special capacity machinery can be manufactured upon request. • Technical specifications are subject to change without notice.		