

GP-100

Plate Punching Machine



철골가공 기계의 토탈 컨설팅



GOTEC

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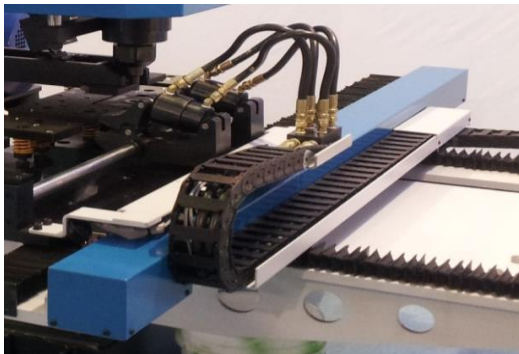
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2.1. Main features



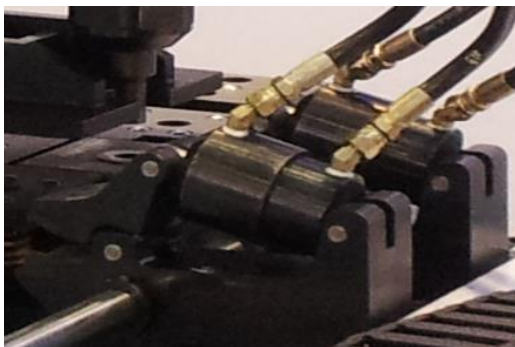
Hydraulic Unit

- 100(75) Ton processing power
- 25kW Hydraulic motor & Veljan pump
- High / Low Hydraulic circuit
- Stripper mounted
- Workpiece support device
- Stroke adjustment device

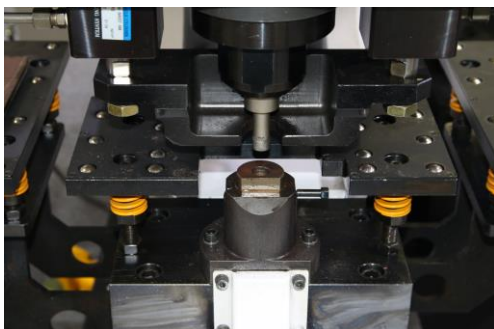


Work Table

- Moving with LM guide & Ball screw
- Position control with AC servo motor
- Sepcialized clamp device
- Front cover installd



Work Clamp

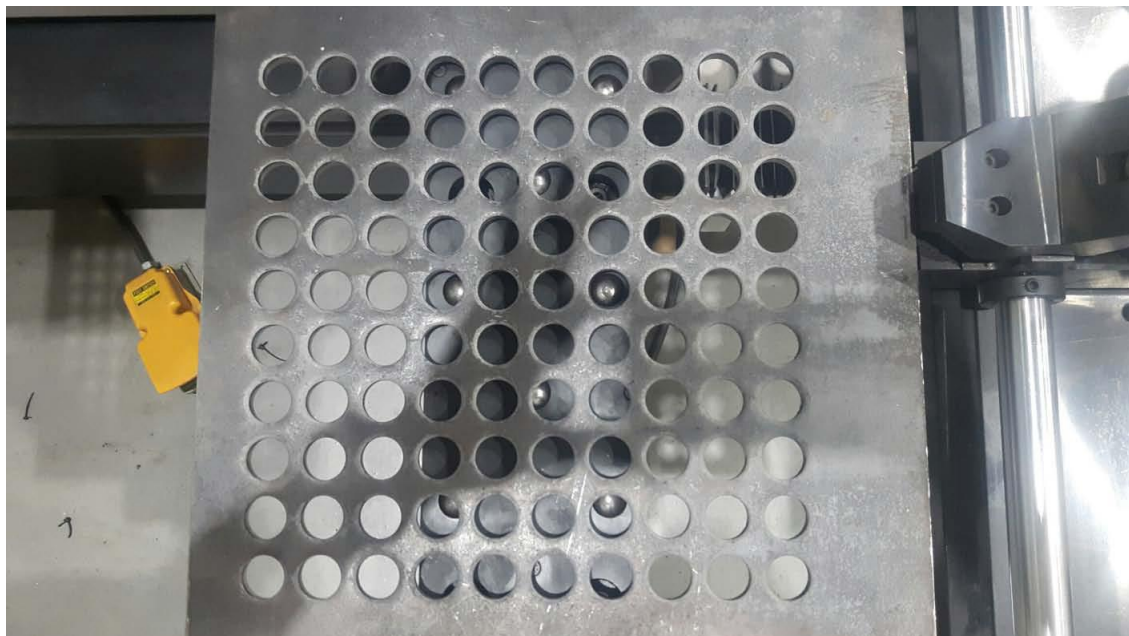


Punching Unit

2.2. Time Study

Thickness	Punch Dia.	No. of Holes	Working Time	Time per 1 hole
12T	Ø 22	100 EA	4 min 51 sec	2.91 sec
16T	Ø 22	100 EA	5 min 12 sec	3.12 sec
20T	Ø 22	100 EA	5 min 43 sec	3.43 sec
22T	Ø 22	100 EA	6 min 06 sec	3.66 sec
24T	Ø 22	100 EA	6 min 24 sec	3.84 sec

2.3. Product Sample



2.4. Specification

Model (Power)	GP-100	GP-100AT	GP-75
Cylinder Power	100 Ton		80 Ton
Work Capacity (L x W x T)	Min. 100 x 100 x 6 T		
	Max. 600 x 1,000 x 25 T		Max. 600 x 1,000 x 16 T
Punching Capacity	Max. 25T x ø32		Max. 16T x ø24
No. of Punch	1 set	3 set (P-2set, M-1set)	1 set
Software interface	Self-developed PC-CNC or SENTROL controller		
Hardware interface	USB, LAN		
Data input	CAD file	Dxf file, USB port	
	Manual	MPG (option) / MDI	
	Built - in pattern	18 basic built - in patterns	
Position Control System	AC servo Motor		
Accuracy in X, Y axis	±0.1mm		
Hydraulic Motor	25kW / 220/380V		22kW / 220/380V
Hydraulic Pump	VELJAN VT6CC		
Hydraulic Tank	250 L		200 L
Weight	4,800 kg	4,900 kg	4,000 kg
Dimension (mm) (L) X (W) X (T)	2,050 x 3,000 x 1,950		
Basic service tool	(ø18, ø20, ø22, ø24, ø26) 2 set		