

CNC TURRET PUNCH PRESSES



◀ **HPS1500**

Hydraulic
Servo Turret
Punch Press



◀ **HPS2500**

Hydraulic
Servo Turret
Punch Press



◀ **HP1250**

Hydraulic
Turret Punch Press



◀ **CP1250**

Mechanical
Turret Punch Press

HP1250 ▶

Hydraulic
Turret Punch Press



CP1250 ▶

Mechanical
Turret Punch Press



HP1500 ▶

Hydraulic
Turret Punch Press



HP2500 ▶

Hydraulic
Turret Punch Press



Item	unit	HPS1500	HPS2500	HP1250	HP1500
Input capacity	ton	30	30	30	30
X traverse length	mm	1525±10	2490±10	1250±10	1525±10
Y traverse length	mm	1525±10	1525±10	1250±10	1525±10
Max. sheet size	mm	1525 x 3050	1525 x 4980	1250 X 2500	1525 x 3050
Max. sheet thickness	mm	6.35	6.35	6.35	6.35
Max. blank weight (1)	kgf	110	110	110	110
X traverse axis speed	m/min	80	80	55	80
Y traverse axis speed	m/min	70	50	50	70
Max. traverse speed punch speed (2)	m/min	105	95	74	105
25 mm between holes	hits/min	320	300	280	280
Nibbling speed (3)	hits/min	600	500	600	600
Tooling type		Thick turret	Thick turret	Thick turret	Thick turret
Max. punch diameter	mm	114.3	114.3	88.9	114.3
Number of tool stations		40	40	36	40
Number of auto index		2 / (D Type)	2 / (D Type)	2 / (B Type)	2 / (D Type)
Turret rotation	rpm	40	40	40	40
Auto index rotation	rpm	50	50	50	50
Ram stroke	mm	0 - 31	0 - 31	0 - 31	0 - 31
Model of working tables		brush	brush	brush	brush
No of sheet clamps		2	3	2	2
Power supply	KVA	40	40	20	27.3
Air supply	NL/min	250	250	250	250
Compressed air pressure	bar	5	5	5	5
Oil tank volume	L	250	250	250	250
Machine length	mm	5190	5190	4395	5050
Machine width	mm	3200	5100	2635	3200
Machine height	mm	2536	2536	2630	2680
Net weight (approx)	kg	12000	13000	11000	12000
Size of separate control cabinet	mm	1200 x 600 x 1900	1200 x 600 x 1900	1200 x 600 x 1900	1200 x 600 x 1900
CNC controller		FANUC 18-PC	FANUC 18-PC	FANUC 0-PC	FANUC 18-PC
Number of controllable axes		4	4	4	4
COMS memory	kb	64 (option 512)	64 (option 512)	16 (option 128)	64 (option 512)
Serial interface		RS 232	RS 232	RS 232	RS 232
Punching accuracy	mm	±0.1	±0.1	±0.1	±0.1

This is only for your reference and not subject to notice in advance if there is any modification.

*1. Acceleration / deceleration rate of X and Y axis is dependent on sheet weight.

2. Hit speed is dependent on stroke length, acceleration / deceleration rate, and axis speed.

3. Stroke length in 4mm pitch=1mm

tem	unit	HP2500	CP1250	CP1500	CP2500
Input capacity	ton	30	30	30	30
X traverse length	mm	2490±10	1250±10	1525±10	2490±10
Y traverse length	mm	1525±10	1235±10	1525±10	1525±10
Max. sheet size	mm	1525 x 4980	1525 x 2500	1250 X 3050	1525 x 4980
Max. sheet thickness	mm	6.35	6.35	6.35	6.35
Max. blank weight (1)	kgf	110	110	110	110
X traverse axis speed	m/min	80	55	80	80
Y traverse axis speed	m/min	70	50	70	70
Max. traverse speed punch speed (2)	m/min	105	74	105	105
25 mm between holes	hits/min	280	210	210	210
Nibbling speed (3)	hits/min	500	350	350	350
Tooling type		Thick turret	Thick turret	Thick turret	Thick turret
Max. punch diameter	mm	114.3	88.9	114.3	114.3
Number of tool stations		40	36	40	40
Number of auto index		2 / (D Type)	2 / (B Type)	2 / (D Type)	2 / (D Type)
Turret rotation	rpm	40	40	40	40
Auto index rotation	rpm	50	50	50	50
Ram stroke	mm	0 - 31	26	32	32
Model fof working tables		brush	ball or brush	brush	brush
No of sheet clamps		3	2	2	3
Power supply	KVA	27.3	12	22	22
Air supply	NL/min	250	250	250	250
Compressed air pressure	bar	5	5	5	5
Oil tank volume	L	250	90	90	90
Machine length	mm	5050	4250	5050	5050
Machine width	mm	5100	2600	3200	5100
Machine height	mm	2680	2200	2200	2200
Net weight (approx)	kg	13000	11000	12000	13000
Size of separate control cabinet	mm	1200 x 600 x 1900	1200 x 600 x 1900	1200 x 600 x 1900	1200 x 600 x 1900
CNC controller		FANUC 18-PC	FANUC 0-PC	FANUC 0-PC	FANUC 0-PC
Number of controllable axes		4	4	4	4
COMS memory	kb	64 (option 512)	14 (option 128)	16 (option 128)	16 (option 128)
Serial interface		RS 232	RS 232	RS 232	RS 232
Punching accuracy	mm	±0.1	±0.1	±0.1	±0.1