

Function comparison YAWEI-NISSHINBO models HPH, HPI and New HPE machines.

No	Item of function	HPH	HPI	New HPE
1	Control- Siemens	802D	802D	802D
2	Turret Size	26sta	40sta	40sta
3	Ram	Hyd. Eco+	Hyd. HKL	Electric
4	Punching Rates	X200/Y180	X280/Y230	X400/Y400
5	Nibble Rates	600	1000	1750
6	High speed for marking function	No	No	OK
7	Table Speeds = M/Min	X65/Y50	X75/Y70	X75/Y70
8	Max punch pressure - Metric	30 Ton	30 Ton	30 Ton
9	Rolling Rib / Rolling Shear / Rolling Offset	No	Ok	Ok
10	Rolling Shear	No	No	OK
11	Hold pressure function for forming manufacturing	Press oil cylinder bottom, delay time and hold pressure 280bar	Hold pressure 80bar Punch head hold pressure height can be programmed	Hold pressure 80bar Punch head hold pressure height can be programmed
12	Work Clamp positioning	Manual	Manual	Manual
13	Clamp punch zone from edge of sheet	All tool stations center	All tool stations center	All tool stations center
14	X, Y, C, T, Z axis interpolation	4 axis	5 axis	5 axis
15	No punch protection of work clamp	Yes	Yes	Yes
16	Tool-change function	Yes	Yes	Yes
17	Pipe connection of Hydraulic system	Sealing slide-in	Sealing slide-in	Sealing slide-in
18	Turret axis positioning protection	Yes	Yes	Yes
19	Adjust max speed of feeding material according to sheet plate thickness and weight	Yes	Yes	Yes
20	Adjust acceleration rate according to sheet plate thickness and weight	Yes	Yes	Yes
21	Automatic adjustable lubrication function of guide screw	Yes	Yes	Yes
22	Auto-load system interface option	No	No	Opt
23	Second locator pin in machine center	Opt	Opt	Std
24	Material support type	Brush	Brush	Brush