

Technical Details

TP Series	Unit	TP9	TP123	TPL93	TP Servo
Maximum tonnage	us	23**	33**	33**	23**
Frame type	-	O frame	O frame	O frame	O frame
X axis movement	inch	79"+ R	98,5"+ R	118"+ R	98,5"+ R
Y axis movement with single tool	inch	49,2	49,2	59	49,2
Automatic Repositioning range *	inch	393,7*	393,7*	393,7*	393,7*
Speed of Y axis	inch/min	2755,9	3149,606	2362,2	3149,6
Speed of X axis	inch/min	3543,3	4566,92	2755,9	4566,92
Lateral speed Y + X	inch/min	4488,18	5511,81	4724,4	5511,81
Max. Hit rate (1 inch pitch, 0,39inch thickness)	1/min	375	1200	1200	535
Max. Hit rate (25 inch pitch, 0,39inch thickness)	1/min	2800	425	325	325
Max. Hit rate : Marking	1/min	1,6	3200	3200	820
Main cylinder stroke	inch	1	1,6	1,6	1,6
Maximum punching stroke	inch	0,2	1	1	1
Max. cutting thickness (Fixed Station)	Mild Steel	0,1	0,2	0,2	0,2
	Stainless Steel	0,1	0,1	0,1	0,1
Max. cutting thickness (Index Station)	Mild Steel	0,06	0,1	0,1	0,1
	Stainless Steel		0,06	0,06	0,06
Positioning accuracy	inch	± 0,004	± 0,004	± 0,004	± 0,004
Repeatable accuracy	inch	± 0,002	± 0,002	± 0,002	± 0,002
Turret rotation speed	rpm	30	22	22	22
Auto index rotational speed	rpm	150	150	150	150
Max. weight of sheet	lbs	220,5	265	441	265
Hard disk	Gbyte	80	80	80	80
RAM	Gb SDRAM	4	4	4	4
Network system	-	Windows 7	Windows 7	Windows 7	Windows 7
Interactive Flat Panel	inch	19"	19"	19"	19"
USB	-	2	2	2	2
Ethernet	-	10/100	10/100	10/100	10/100
Height (H)	inch	91	91	91	86
Width (without light barrier) (W)	inch	165	211	211	207
Width (with light barrier)	inch	244	290	323	286
Length (without light barrier) (L)	inch	220,5	226	262	207
Length (with light barrier)	inch	260	266	301	246,5
Table height	inch	37	37	37	37
Weight approx.	lbs	24255	28577	43000	30870
Hydraulic System Motor	kw	7,5	15	15	-
Oil tank	gallon	47,5	63,5	63,5	-
Air pressure	psi	80	80	80	80
Number of Clamps	pcs.	2	3	4	3
Holding force of clamps	lbs	2205	2205	2205	2205
Table type		Brush	Brush	Brush	Brush
Energy Consumption	Kw/h	7	11	15	4.5
A - fix 1/2 inch	Qty	11	11	11	11
B - fix 1 1/4 inch	pcs	10	11	11	11
C - fix 2 inch	pcs	1	2	2	2
D - fix 3 1/2 inch	pcs	2	1	1	1
B - indeks 1 1/4 inch	pcs	2	-	-	-
C - indeks 2 inch	pcs	1	-	-	-
D - indeks 3 1/2 inch	pcs	-	3	3	3

* : Special table must be added to the machine and the light barriers must be located the correct position. Max.weight 100 kg.

** : Please pay attention to tool's spring forces while considering about machine tonnage.