

Technical Details

TP Series	Unit	TP9	TP93	TP123	TPL93	TP 123 Servo	TPL 93 Servo
Maximum tonnage	Ton	20**	20**	30**	30**	20**	20**
Frame type	-	O frame	O frame	O frame	O frame	O frame	O frame
X axis movement	mm	2000+ R	2500+ R	2500+ R	3000+ R	2500+ R	3000+ R
Y axis movement with single tool	mm	1250	1250	1250	1500	1250	1500
Automatic Repositioning range *	mm	10000*	10000*	10000*	10000*	10000*	10000*
Speed of Y axis	m/min	70	75	80	60	80	60
Speed of X axis	m/min	90	100	116	70	116	70
Lateral speed Y + X	m/min	114	125	140	120	140	92
Max. Hit rate (1mm pitch, 1mm thickness)	1/min	1100	1100	1200	1200	535	535
Max. Hit rate (25mm pitch, 1mm thickness)	1/min	375	375	425	325	325	325
Max. Hit rate : Marking	1/min	2800	2800	3200	2800	820	820
Main cylinder stroke	mm	40	40	40	40	40	40
Maximum punching stroke	mm	25	25	25	25	25	25
Max. cutting thickness (Fixed Station)	Mild Steel	6	6	6	6	6	6
	Stainless Steel	3	3	3	3	3	3
Max. cutting thickness (Index Station)	Mild Steel	3	3	3	3	3	3
	Stainless Steel	1,5	1,5	1,5	1,5	1,5	1,5
Positioning accuracy	mm	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1	± 0,1
Repeatable accuracy	mm	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05
Turret rotation speed	rpm	30	22	22	22	22	22
Auto index rotational speed	rpm	150	150	150	150	150	150
Max. weight of sheet	kg	100	120	120	200	120	200
Hard disk	Gbyte	80	80	80	80	80	80
RAM	Gb SDRAM	4	4	4	4	4	4
Network system	-	Windows 7	Windows 7	Windows 7	Windows 7	Windows 7	Windows 7
Interactive Flat Panel	inch	19"	19"	19"	19"	19"	19"
USB	-	2	2	2	2	2	2
Ethernet	-	10/100	10/100	10/100	10/100	10/100	10/100
Height (H)	mm	2310	2310	2310	2310	2135	2310
Width (without light barrier) (W)	mm	4200	5360	5360	6300	5260	6160
Width (with light barrier)	mm	6200	7360	7360	8300	6260	6260
Length (without light barrier) (L)	mm	5600	5750	5750	6650	5260	6210
Length (with light barrier)	mm	6600	6800	6800	7650	6260	7210
Table height	mm	940	940	940	940	940	940
Weight approx.	kg	11000	12960	12960	18250	14000	21500
Hydraulic System Motor	kw	7.5	7.5	15	15	-	-
Oil tank	lt	180	180	240	180	-	-
Air pressure	bar	6	6	6	6	6	6
Number of Clamps	pcs.	2	3	3	4	3	4
Holding force of clamps	-	1000	1000	1000	1000	1000	1000
Table type		Brush	Brush	Brush	Brush	Brush	Brush
Energy Consumption	Kw/h	7,5	7,5	15	15	6,21	6,21
A - fix 0.8-12.7 mm	Qty	11	11	11	11	11	11
B - fix 12.8-31.7 mm	pcs	10	11	11	11	11	11
C - fix 31.8-50.8 mm	pcs	1	2	2	2	2	2
D - fix 50.9-88.9 mm	pcs	2	1	1	1	1	1
B - indeks 12.8-31.7 mm	pcs	2	-	-	-	-	-
C - indeks 31.8-50.8 mm	pcs	1	-	-	-	-	-
D - indeks 50.9-88.9 mm	pcs	-	3	3	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.