

TP Series	Unit	TP9	TP93	TP123	TPL93	TP Servo	TPL 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	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	92	140	92
Max. Hit rate (1 mm pitch, 1mm thickness)	1/min.	1100	1100	1200	1200	535	535
Max. Hit rate (25 mm pitch, 1mm thickness)	1/ min.	375	375	425	325	325	325
Max. Hit rate : Marking	1/ min.	2800	2800	3200	3200	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	dev/dak	30	22	22	22	22	22
Auto index rotational speed	dev/dak	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
LCD colorscreen Super VGA	-	15"	15"	15"	15"	15"	15"
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	2190	2140
Width (W)	mm	4200	5360	5360	6210	5260	6210
Width (with light barrier) (W)	mm	6200	7360	7360	8210	7260	8210
Length (L)	mm	5600	5750	5750	6650	5260	6210
Length (with light barrier) (L)	mm	6600	6750	6750	7650	6260	7210
Table height	mm	940	940	940	940	940	940
Weight approx.	kg	11000	12960	12960	19500	14000	21500
Hydraulic System Motor	kw	7,5	7,5	15	15	-	-
Oil tank	lt	180	180	240	240	-	-
Air pressure	bar	6	6	6	6	6	6
Number of Clamps	adet	2	3	3	4	3	4
Holding force of clamps	kg	1000	1000	1000	1000	1000	1000
Table type	-	Brush	Brush	Brush	Brush	Brush	Brush
Energy Consumption	Kw/s	7	8	11	11	4,5	4,5
A - fix 0.8 -12.7 mm	adt	11	11	11	11	11	11
B - fix 12.8 - 31.7 mm	adt	10	11	11	11	11	11
C - fix 31.8 - 50.8 mm	adt	1	2	2	2	2	2
D - fix 50.9 - 88.9 mm	adt	2	1	1	1	1	1
B - indeks 12.8 - 31.7 mm	adt	2	-	-	-	-	-
C- indeks 31.8- 50.8 mm	adt	1	-	-	-	-	-
D- indeks 50.9 mm to 88.9 mm	adt	-	3	3	3	3	3