



# RADIAL DRILL MACHINE

Unit/mm

MODEL		TPR-720A	TPR-820A	TPR-920A	TPR-1100	TPR-1230	
Dai.of column			210		260	300	A
Distance from column surface to spindle center, Max		750	850	950	1100	1170	D+C
Distance from column surface to spindle center, Min			220		280	340	C
Travel of spindle head		530	630	730	820	890	D
Distance from base surface to spindle end, Max		1060		1210	1270	1370	E
Distance from base surface to spindle end, Min		260		350	470	490	F
Elevating height of Arm		580		640	570	630	E-F-I
Effective area of box table			600x445x380		635x520x415	635x520x415	LxKxH
Dimension of base			1260x640x160		1725x715x180	1725x715x180	RxSxQ
Taper hole spindle			MT#4		MT#4	MT#4	
Stroke of spindle			220		230	250	I
R.P.M of spindle (rpm x steps)		88, 154, 282, 455, 796, 1500x6			44-1500x12	44-1500x12	
Feed of spindle (rev.x steps)			0.05, 0.09, 0.15x3		0.05, 0.09, 0.15x3	0.05, 0.09, 0.15x3	
Main motor (HP)			2HP		3(two speed motor)	3(two speed motor)	
Elevating motor (HP)			1HP		1HP	1HP	
Clamping motor(HP)						1HP	
Coolant equipment (HP)			1/8HP		1/8HP	1/8HP	
Machine height from floor (Max.)		2170		2320	2530	2780	M
Base + column height		1850		2010	2000	2060	G
Net weight (approx)kgs		1120	1200	1250	1800	2100	
Shipping weight (approx)kgs		1250	1340	1400	1950	2300	
Shipping dimensions (LxWxH)		1680x826x2160	1680x826x2190	1806x826x2190	1880x864x2210	2035x995x2240	
Capacity	Drilling	Steel	32 Φ		42 Φ	42 Φ	
		Cast iron	50 Φ		55 Φ	55 Φ	
	Tapping	Steel	25 Φ		25 Φ	25 Φ	
		Cast iron	32 Φ		38 Φ	38 Φ	

MODEL		TC-1250H	TC-1600H	TPR-1600H	TPR-2000H	TPR-C2500	
Dai.of column		300	320	432		550	A
Distance from column surface to spindle center, Max		1250	1600	1580	2000	2500	D+C
Distance from column surface to spindle center, Min		360	350	440	490	500	C
Travel of spindle head		890	1250	1140	1510	2000	D
Distance from base surface to spindle end, Max		1345	1420	1600	1900	2000	E
Distance from base surface to spindle end, Min		441	465	380	500	550	F
Elevating height of Arm		630	680	850	1100	1000	E-F-I
Effective area of box table		635x520x420	630x500x500	700x500x400	1000x800x500	1000x800x560	LxKxH
Dimension of base		1785x785x190	2550x970x200	2480x1050x210	2908x1102x250	3520x1400x320	RxSxQ
Taper hole spindle			MT#5		MT#5	MT#6	
Stroke of spindle			270		370	450	I
R.P.M of spindle (rpm x steps)		56-1450x12		40-1920x12	35-1890x12	16-1250x16	
Feed of spindle (rev.x steps)		0.06, 0.10, 0.20x3		0.07-0.96x6		0.04, 3.20x16	
Main motor (HP)		5(two speed motor)		7-1/2HP		10HP	
Elevating motor (HP)		1HP	2HP	2HP	3HP	5HP	
Hydraulic clamping motor(HP)			1HP		1HP	1HP	
Coolant equipment (HP)			1/8HP		1/8HP	1/4HP	
Machine height from floor (Max.)		2645	2760	3170	3470	3990	M
Base + column height		2080	2186	2660	2960	3850	G
Net weight (approx)kgs		2300	3300	4600	5600	11000	
Shipping weight (approx)kgs		2500	3800	5100	6600	12500	
Shipping dimensions (LxWxH)		2060x995x2240	2670x1120x2410	2850x1400x2940	3105x1400x3300	4000x1600x3850	
Capacity	Drilling	Steel	50 Φ		65 Φ	80 Φ	
		Cast iron	60 Φ		70 Φ	100 Φ	
	Tapping	Steel	40 Φ		50 Φ	65 Φ	
		Cast iron	50 Φ		60 Φ	75 Φ	

\*Above specifications for reference only, modifications are not subject to notice in advance



## Standard accessory:

- Adjustment tools (box included)..... 1 set
- Cooling device (pump included)..... 1 set
- Lighting device (fluorescent lamp included)··· 1 set
- Box-type Work Table..... 1 set

## Special Optionals/Tilt Tables

Uni-tilt table tilts s full 90 degrees. Calibrated indicator shows degree of tilt has accurately planed top

## Dimensions ( L x W x H)

- ① 810\*710\*610 m/m (Large size)  
Application:TC-1250H/TC-1600H/TPR-1600H  
TPR-2000H/TPR-C2500
- ② 520\*510\*570 m/m (small size)  
Application:TPR-720A-1600H

# King-Pro Machinery & Equipments Co., Ltd

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