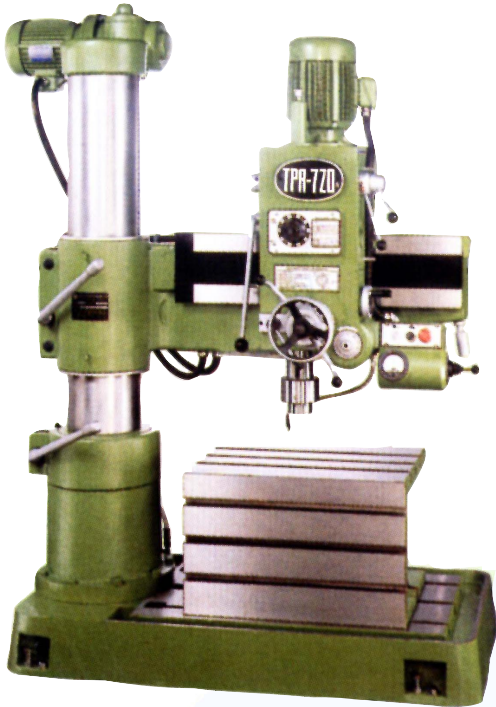
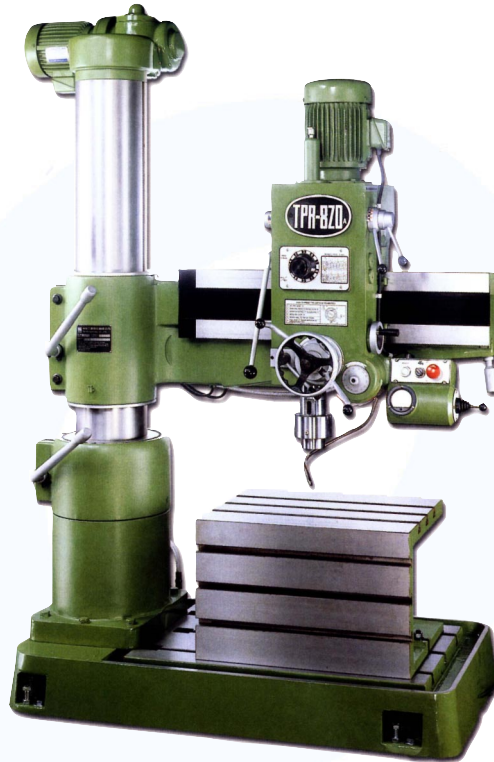


RADIAL DRILLS

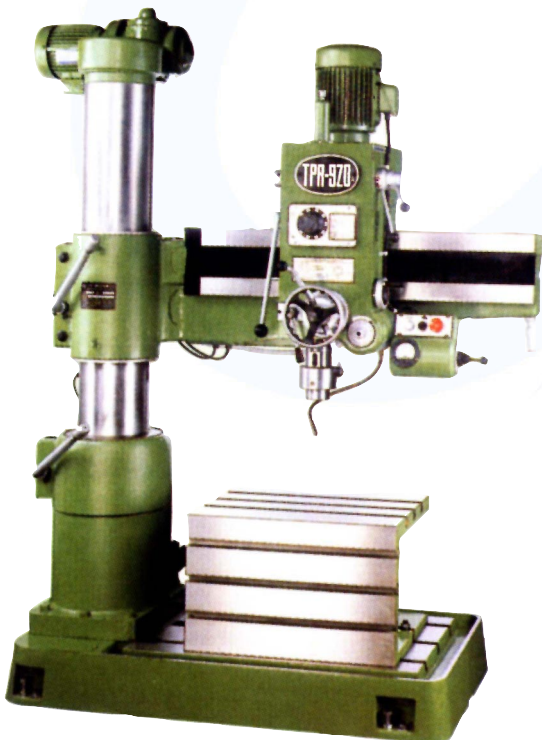
TPR-720A



TPR-820A



TPR-920A



TPR-1100



SPECIFICATIONS:
(Unit/mm)

MODEL		TPR-720A	TPR-820A	TPR-920A	TPR-1100A	
Dia. of column		210			260	A
Distance form column surface to spindle center, Max.		750	850	950	1100	D+C
Distance form column surface to spindle center, Min.		220			245	C
Travel of spindle head		530	630	730	855	D
Distance form base surface to spindle end, Max.		1060	1210		1280	E
Distance form base surface to spindle end, Min.		455-210=245	560-210=350		680-250=430	F
Elevating height of Arm		605	650		600	E-F
Effective area of box table		600x445x380			635x520x415	L x K x H
Dimension of base		1260x640x160			1725x715x180	R x S x Q
Taper hole spindle		MT#4			MT#4	
Stroke of spindle		210			230	
R.P.M of spindle(rpm x steps)		88,154,282,455,796,1500x6			44-1500x12	
Feed of spindle (rev. x steps)		0.05,0.09,0.15x3			0.05,0.09,0.15x3	
Main motor (HP)		2			3(two speed motor)	
Elevating motor(HP)		1			1	
Coolant equipment(HP)		1/8			1/8	
Machine height from floor(Max.)		2170	2320		2530	M
Base + column height		1850	2010		2000	G
Net weight (approx) kgs		1120kgs	1200kgs	1250kgs	1800kgs	
Shipping weight (approx) kgs		1250kgs	1340kgs	1400kgs	1950kgs	
Shipping dimensions(LxWxH)		1640x826x2160	1680x826x2190	1806x826x2190	1880x864x2210	
Capacity	Drilling	Steel	dia 38		dia 42	
		Cast iron	dia 50		dia 55	
	Tapping	Steel	dia 25		dia 25	
		Cast iron	dia 32		dia 38	
	Boring	Steel	dia 70		dia 85	
		Cast iron	dia 105		dia 120	