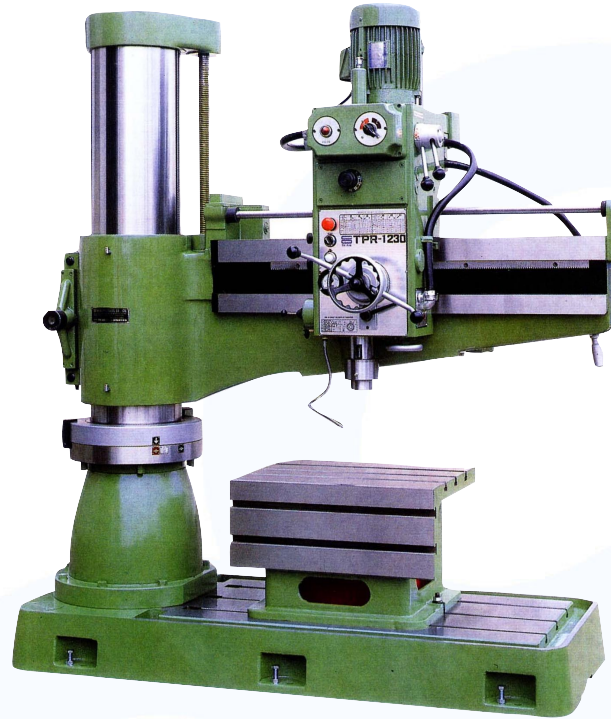


RADIAL DRILLS

TPR-1230(ELECTRIC CLAMPING)

TPR-1230H(HYRAULIC CLAMPING)



TPR-C1600

TRP-C1250

TPR-1600H



SPECIFICATIONS:
(Unit/mm)

MODEL		TPR-1230	TPR-1230H	TPR-C1250	TPR-C1600	TPR-1600H	
Dia. of column		300		350		432	A
Distance form column surface to spindle center, Max.		1230		1250	1600	1590	D+C
Distance form column surface to spindle center, Min.		340		350		390	C
Travel of spindle head		890		900	1250	1200	D
Distance form base surface to spindle end, Max.		1370		1220		1600	E
Distance form base surface to spindle end, Min.		490		340		700-300=330	F
Elevating height of Arm		880		880		900	E-F
Effective area of box table		635x520x415		630x500x500		750x500x400	L x K x H
Dimension of base		1725x715x180		2030x980x205	2380x980x205	2480x1050x210	R x S x Q
Taper hole spindle		MT#4		MT#5		MT#5	
Stroke of spindle		250		315		370	
R.P.M of spindle(rpm x steps)		44-1500x12		25-2000x16		40-1920x12	
Feed of spindle (rev. x steps)		0.05,0.09,0.15x3		0.04-3.2x16		0.07-0.96x6	
Main motor (HP)		3(two speed motor)		5		71/2	
Elevating motor(HP)		1		2		2	
Clamping motor(HP)		1		1		1	
Coolant equipment(HP)		1/8		1/8		1/8	
Machine height form floor(Max.)		2780		2810		3170	M
Base + column height		2060		2600		2660	G
Net weight (approx) kgs		2100kgs		3000kgs	3500kgs	4600kgs	
Shipping weight (approx) kgs		2300kgs		3540kgs	4100kgs	5100kgs	
Shipping dimensions(LxWxH)		2035x995x2240		2235x1220x2540	2590x1220x2540	2850x1400x2940	
Capacity	Drilling	Steel	42	50		56	
		Cast iron	55	60		70	
	Tapping	Steel	25	45		50	
		Cast iron	38	55		60	
	Boring	Steel	85	110		126	
		Cast iron	120	165		186	