

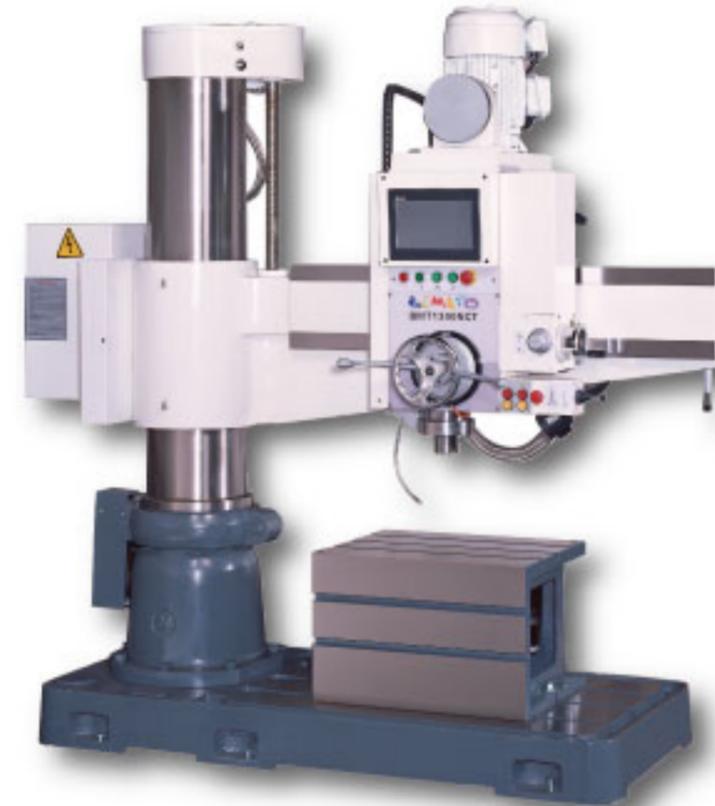
BMT 900RD



FEATURES:

1. Double cylindrical column design provides maximum rigidity and accuracy.
2. Protection design applies to every transmission section.
3. Strong rib design of the base reinforces and provides the best stability.
4. Headstock gears are made of Cr-Mo alloy steel through hardened and precision ground procedures.
5. Precision hydraulic system allows fast, accurate, and easy operation.
6. Independent hydraulic and electric system to secure power supplying.
7. 7" touch screen.
8. Allow changing spindle speed and feeding rate any time during operation.
9. The depth of drilling and tapping can be set and memorized by NC system.
10. With automatic chip removal system.
11. Spindle motor has torque load setting for safety protection.
12. Humanity operation with high efficiency.
13. Can be connected to a rotary table for automatic continuously drilling operation.

BMT 1300NCT



FOR BMT1300NCH



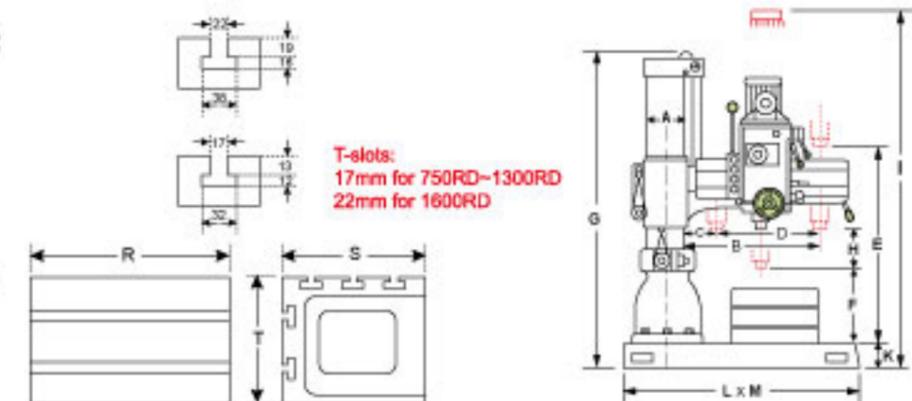
NC ROTARY TABLE (OPTION)

STANDARD ACCESSORIES:

1. Working table
2. Coolant pump
3. Work lamp
4. Tools and tool box

OPTIONAL ACCESSORIES:

1. Halogen lamp
2. Drill taper set for BMT 1300RD



RADIAL DRILLING MACHINES

SPECIFICATION:

unit:mm

DESCRIPTION		MODEL	BMT 750RD	BMT 900RD	BMT 1100RD	BMT 1280RD	BMT 1300RD	BMT 1700RD	BMT 1300NCH/NCT	BMT 1600NCH/NCT
Capacity	Drilling	Steel/ S45C	∅ 38(1.5")		∅50(2")		55(2.17")	55(2.17")	55	55
		Cast iron/ FC20	∅ 50(2")		∅ 60(2.37")		66(2.6")	66(2.6")	66	66
	Tapping	Steel/ S45C	M 25		M 30		M 50	M 50	50	50
		Cast iron/ FC20	M 32		M 40		M 60	M 60	60	60
	Boring	Steel/ S45C	∅75(3")		∅ 85(3.35")		100(3.94")	126(4.96")	100	126
		Cast iron/ FC20	∅ 105(4.14")		∅120(4.72")		175(6.89")	186(7.32")	160	186
Spindle stroke (H)		200(7-87")		250(9.84")		250(9.84")	250(11.8")	250	300	
Size of morse taper		MT4				MT5		5	5	
Spindle speed		6 Steps, 88-1500rpm(60HZ) 73-1250rpm(50HZ)			12 Steps, 44-1500rpm(60HZ) 37-1250rpm(50HZ)			30-1500/25-1300	H.L (H.L variable speed by inverter) 30-1500rpm	H.L (H.L variable speed by inverter) 30-1500rpm
Spindle feeds		0.05, 0.09, 0.15mm(0.002", 0.0035", 0.006")					6 steps 0.05-0.306mm/rev	6 steps 0.05-0.306mm/rev	DC motor impel system 1-600mm/min distance	DC motor impel system 1-600mm/min distance
Column diameter (A)		210(8.27")		300(11.8")			336(13.23")	300	336	
Max. distance, column surface to spindle center (B)		775(30.5")	920(36.22")	1145(45")	1240(50")	1240(55")	1700(66.9")	1250	1700	
Min. distance, column surface to spindle center (C)		290(11.42")		330(13")			330(21.6")	400(15.7")	330	400
Horizontal travel of headstock (D)		500(19.1")	650(24.8")	810(32")	920(36")	920(36.2")	1310(51.58")	915	1310	
Max. distance, base to spindle nose (E)		1110(43.7")		1230(48.43")			1420(55.9")	1230	1420	
Min. distance, base to spindle nose (F)		282(11.1")		290(21.2")		290(11.4")	260(10.24")	290	260	
Overall height of column (G)		1850(72.83")		2160(85")			2410(94.89")	2160	2410	
Machine height from floor (I)		2175(85.63")		2585(101.77")			3150(124")	2585	3150	
Dimensions of base(L x M x K)		1280 x 640 x 150	1435 x 640 x 150	1800 x 800 x 170		1800 x 800 x 170	2370 x 940 x 220	1800 x 800 x 170	2370 x 940 x 220	
Working table (R x S x T)		550 x 405 x 315		650 x 500 x 410			800 x 540 x 400	650 x 500 x 410	800 x 540 x 440	
Spindle motor		2HP, 3ph, 4P		3HP,3ph, 4P/ 8P		5HP, 3ph, 4P/ 8P	7.5HP, 4P/ 12P	5HP6P	5HP6P	
Arm elevation motor		1HP		2HP			2HP	2HP		
Hydraulic motor					1HP		1HP			
Coolant pump		1/8HP					1/8HP	1/8HP		
Net weight-approx		1100kgs	1170kgs	2000kgs	2050kgs	2150kgs	3150kgs	2150kgs	3150kgs	
Gross weight-approx		1200kgs	1270kgs	2100kgs	2150kgs	2250ks	3250kgs	2250kgs	3250kgs	
Measurement (L x w x h)		56" x 32" x 81" (1430x820x2060)	62" x 32" x 81" (1580x820x2060)	79" x 39" x 88" (2010x1030x2230)	90" x 42" x 88" (2290x1100x2230)	90" x 44" x 88" (2290x1100x2230)	112"x48"x100" (2850x1210x2540)	(2290x1100x2230)	(2850x1210x2540)	