

SURFACE GRINDERS

[BMT 1545/2045M]



SPECIFICATION: BMT 1545M / BMT 2045M	
Grinding surface of table	150x450 / 200x450 mm
Table travel	185x500 / 235x500 mm
Spindle center to table(max.)	450 mm
Wheel speeds	60HZ:3500 rpm , 50HZ:2900 rpm
Wheel dimension	std.180x13x31.75 mm opt.200x20x31.75 mm
Spindle motor	2 HP

SPECIFICATION: BMT 1545H / 2045H / 2550H	
Grinding surface of table	150x450 / 200x450 / 250x500 mm
Table travel	185x500 / 235x500 / 270x550 mm
Spindle center to table(max.)	450 / 450 / 500 mm
Wheel speeds	60HZ:3500 rpm , 50HZ:2900 rpm
Wheel dimension	std.180x13x31.75 mm opt.200x20x31.75 mm
Spindle motor	2 HP

[BMT 1545/2045/2550H]



Picture shown with optional micro vertical feed, micro cross feed, coolant system, magnetic chuck, demagnetizer.

[BMT 1545/2045/2550AH]



Picture shown with optional micro vertical feed, micro cross feed, magnetic chuck, demagnetizer.

SPECIFICATION:	
Grinding surface of table	150x450 / 200x450 / 250x500 mm
Table travel	185x500 / 235x500 / 270x550 mm
Spindle center to table(max.)	450 / 450 / 500 mm
Wheel speeds	60HZ:3500 rpm , 50HZ:2900 rpm
Wheel dimension	std.180x13x31.75 mm opt.200x20x31.75 mm
Spindle motor	2 HP

[BMT CS/CL/DS/DL 3060AH]



Picture shown with optional AD5 automatic down feed, magnetic chuck.

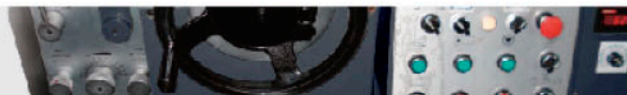
SPECIFICATION:	
Grinding surface of table	300x600 mm
Table travel	340x700 mm
Spindle center to table(max.)	500 mm , 600 mm(opt.)
Wheel speeds	S model:60HZ:3500 rpm , 50HZ:2900 rpm L model:60HZ:1750 rpm , 50HZ:1450rpm
Wheel dimension	S model:180x13x31.75 mm L model:355x38x127 mm
Spindle motor	S model:2 HP L model:5 HP

[BMT 4080AH]



Picture shown with optional magnetic chuck.

SPECIFICATION:	
Grinding surface of table	400x800 mm
Table travel	450x860 mm
Spindle center to table(max.)	550 mm , 650 mm(opt.)
Wheel speeds	60HZ:1750rpm , 50HZ:1450rpm
Wheel dimension	406x50x127 mm
Spindle motor	5 HP , 7.5 HP(opt.)



SURFACE GRINDERS

[BMT 50100/150/200 AHR]

[BMT 60100/150/200 AHR]

[BMT 70100/150/200 AHR]



Picture shown with optional magnetic chuck and AD5 automatic down feed, demagnetizer.

SPECIFICATION:	BMT 50100/50150/50200 AHR	BMT 60100/60150/60200 AHR	BMT 70100/70150/70200 AHR
Grinding surface of table	500x1020 / 500x1520 / 500x2020 mm	600x1020 / 600x1520 / 600x2020 mm	700x1020 / 700x1520 / 700x2020 mm
Table travel	560x1150 / 560x1650 / 560x2150 mm	660x1150 / 660x1650 / 660x2150 mm	760x1150 / 760x1650 / 760x2150 mm
Spindle center to table(max.)	600 mm , opt. : 800 mm & 1000 mm		
Wheel speeds	60HZ : 1750rpm , 50HZ : 1450 rpm		
Wheel dimension	406 x 50 x 127 mm		
Spindle motor	10 HP , 15 HP(opt.)		

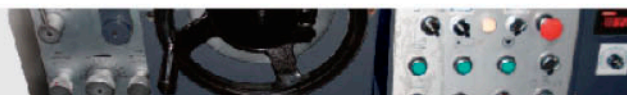
[BMT 80150/200/300 AHR]

[BMT 100150/200/300 AHR]



Picture shown with optional AD5 automatic down feed and wheel dressing device.

SPECIFICATION:	BMT 80150/80200/80300 AHR	BMT 100150/100200/100300 AHR
Grinding surface of table	800x1500 / 800x2000 / 800x3000 mm	1000x1500 / 1000x2000 / 1000x3000 mm
Table travel	850x1600 / 850x2100 / 850x3100 mm	1050x1600 / 1050x2100 / 1050x3100 mm
Spindle center to table(max.)	800 mm , 1000 mm(opt.)	
Wheel speeds	60HZ : 1750 rpm , 50HZ : 1450 rpm	
Wheel dimension	406 x 50 x 127 mm , 406 x 75 x 127 mm(opt.)	
Spindle motor	10 HP , 15 HP(opt.)	



SURFACE GRINDERS

[BMT B2550NC/H2550NC]



SPECIFICATION:

Grinding surface of table	250x500 mm
Table travel	270x550 mm
Spindle center to table(max.)	500 mm
Wheel speeds	60HZ:3500 rpm , 50HZ:2900 rpm
Wheel dimension	(std.)180x6x31.75mm (opt.)200x20x31.75mm
Spindle motor	2 HP

[BMT H4080NC/B4080NC]



SPECIFICATION:

Grinding surface of table	400x800 mm
Table travel	450x860 mm
Spindle center to table(max.)	500 mm
Wheel speeds	60HZ:1800 rpm , 50HZ:1500 rpm
Wheel dimension	406x50x127 mm
Spindle motor	5 HP

[BMT 80100/150/200/300 CNC]

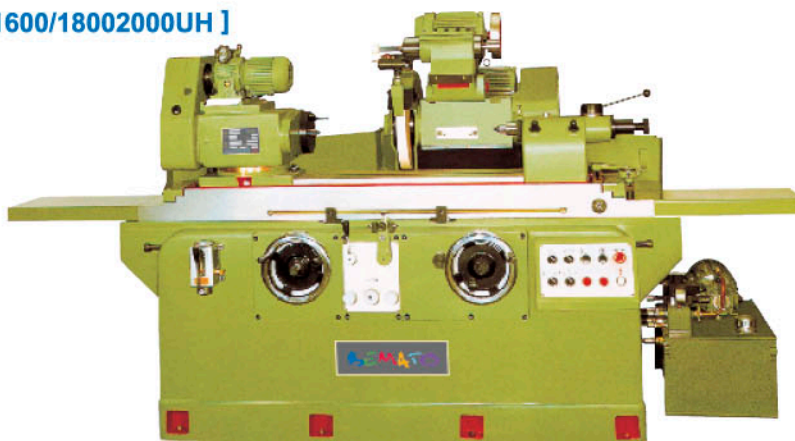
[BMT 100100/150/200/300 CNC]



SPECIFICATION:

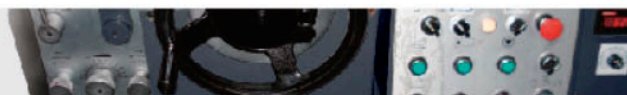
	BMT 80100/80150/80200/80300 CNC	BMT 100100/100150/100200/100300 CNC
Grinding surface of table	800x1000 / 800x1500 / 800x2000 / 800x3000 mm	1000x1000 / 1000x1500 / 1000x2000 / 1000x3000 mm
Table travel	850x1100 / 850x1600 / 850x2100 / 850x3100 mm	1050x1100 / 1050x1600 / 1050x2100 / 1050x3100 mm
Spindle center to table(max.)	800 mm , 1000 mm(opt.)	
Wheel speeds	60HZ : 1750 rpm , 50HZ : 1450 rpm	
Wheel dimension	406 x 50 x 127 mm	
Spindle motor	10 HP	

[BMT 650/800/1000/1200/1500/1600/1800/2000UH]



SPECIFICATION:

	BMT 650UH	BMT 800UH	BMT 1000UH	BMT 1200UH	BMT 1500UH	BMT 1600UH	BMT 1800UH	BMT 2000UH
Max. swing dia	300mm				400mm	400mm		
Centers distance	650mm	800mm	1000mm	1200mm	1500mm	1600mm	1800mm	2000mm
Work load between centers	120kgs		250kgs			350kgs		



SURFACE GRINDERS

[BMT W2050AHR]



AH Auto cross feed, hydraulic longitudinal feed, manual vertical feed.

AHR Auto cross feed, hydraulic longitudinal feed, rapid vertical feed.

AHD Auto cross feed, hydraulic longitudinal feed, automatic vertical feed.

SPECIFICATION:	BMT W2050AH BMT W2050AHR BMT W2050AHD	BMT W2550AH BMT W2550AHR BMT W2550AHD
Table size(W x L)	200 x 460 mm	250 x 500 mm
Table travel(Y x X)	238 x 510 mm	275 x 560 mm
Spindle center to table(max.)	450 mm	
Grinding wheel speed	50HZ : 2850 rpm , 60HZ : 3450 rpm	
Grinding wheel size	200 x 20 x 31.75 mm	
Spindle motor	1.5 kw	2.2 kw

[BMT W3063AHD]



AH Auto cross feed, hydraulic longitudinal feed, manual vertical feed.

AHR Auto cross feed, hydraulic longitudinal feed, rapid vertical feed.

AHD Auto cross feed, hydraulic longitudinal feed, automatic vertical feed.

SPECIFICATION:	BMT W3063AH BMT W3063AHR BMT W3063AHD	BMT W30100AH BMT W30100AHR BMT W30100AHD
Table size(W x L)	305 x 635 mm	305 x 1020 mm
Table travel(Y x X)	340 x 765 mm	340 x 1130 mm
Spindle center to table(max.)	580 mm	
Grinding wheel speed	50HZ : 1450 rpm , 60HZ : 1750 rpm	
Grinding wheel size	350 x 40 x 127 mm	
Spindle motor	5.5 kw	

[BMT W4080AHR]

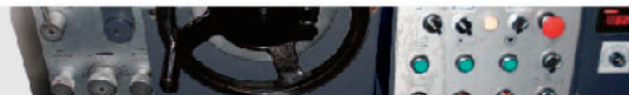


AH Auto cross feed, hydraulic longitudinal feed, manual vertical feed.

AHR Auto cross feed, hydraulic longitudinal feed, rapid vertical feed.

AHD Auto cross feed, hydraulic longitudinal feed, automatic vertical feed.

SPECIFICATION:	BMT W4080AH BMT W4080AHR BMT W4080AHD	BMT W40100AH BMT W40100AHR BMT W40100AHD
Table size(W x L)	406 x 813 mm	406 x 1020 mm
Table travel(Y x X)	450 x 910 mm	450 x 1130 mm
Spindle center to table(max.)	580 mm	
Grinding wheel speed	50HZ : 1450 rpm , 60HZ : 1750 rpm	
Grinding wheel size	350 x 40 x 127 mm	
Spindle motor	5.5 kw	



SURFACE GRINDERS

[BMT 2050R]



SPECIFICATION:	BMT 1546R	BMT 2050R
Max. grinding width	165 mm	220 mm
Max. grinding length	470 mm	520 mm
Table size	150 x 460 mm	200 x 520 mm
Max. distance from spindle center to table surface	450 M/min	
Grinding wheel size	200 x13x31.75 mm	200x20x31.75 mm
Spindle speed	60HZ : 3450 rpm/min , 50HZ : 2850 rpm/min	
Power of spindle motor	2HP / 2 P	

[BMT 50100AHD]



AHD Auto cross feed, hydraulic longitudinal feed, automatic vertical feed.

SPECIFICATION:	BMT 50100AHD
Table size	500 x 1000 mm
Max. travel (X x Y)	500 x 1000 mm
Spindle center to table(max.)	600 mm
Grinding wheel speed	50HZ:1450 rpm , 60HZ:1740 rpm
Grinding wheel size	355x(20~50)x127 mm
Spindle motor	7.5 kw

[BMT 80160SD]



SD Servo drive on transverse, servo drive on vertical, Hydraulic transmission on longitudinal.

SPECIFICATION:	BMT 60160SD	BMT 60220SD	BMT 80160SD	BMT 80220SD	BMT 80300SD
Table size	610 x 1600 mm	610 x 2200 mm	810 x 1600 mm	810 x 2200 mm	810 x 3000 mm
Max. travel (X x Y)	720 x 1840 mm	720 x 2440 mm	920 x 1840 mm	920 x 2440 mm	920 x 3300 mm
Spindle center to table(max.)	740 mm				
Grinding wheel speed	960 rpm				
Grinding wheel size	500 x 100 x 305 mm				
Spindle motor	22 kw				



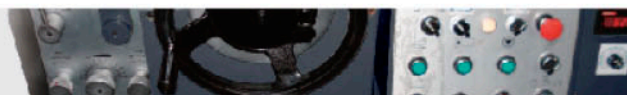
CYLINDRICAL GRINDERS

[BMT 32100UH]



UH Hydraulic longitudinal feed, wheelhead manual feed, wheelhead rapid approach and retraction, 8 steps automatic wheelhead feeds but manually setting(0.0025~0.04mm).

SPECIFICATION:	BMT 32100UH	BMT 32150UH	BMT 2050UH	BMT 2075UH
Distance between centers	1000 mm	1500 mm	500 mm	750 mm
Center height	180 mm		135 mm	
Dia. ground(O.D.)	8~320 mm		5~200 mm	
Dia. ground(I.D.)	30~100 mm		25~100 mm	
Max. length ground(O.D.)	1000 mm	1500 mm	500 mm	750 mm
Max. length ground(I.D.)	125 mm		100 mm	
Max. weight of work piece	150 mm		100 mm	
Wheel spindle speed(wheel head)	1670 rpm/min		1670 rpm/min	
Spindle speed(internal grinding)	10000 r/min		10000 r/min	
Wheelhead motor	5.5 kw		4 kw	



GRINDERS

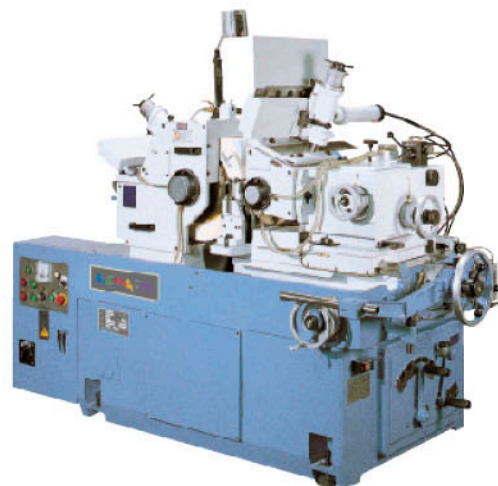
[BMT 32EG]



SPECIFICATION:

Swiving over table	320mm
Distance between center	500/1000/1500mm
Grinding diameter	0~300mm
Work load between centers	150kgs

[BMT 18CG/BMT 18CCG]

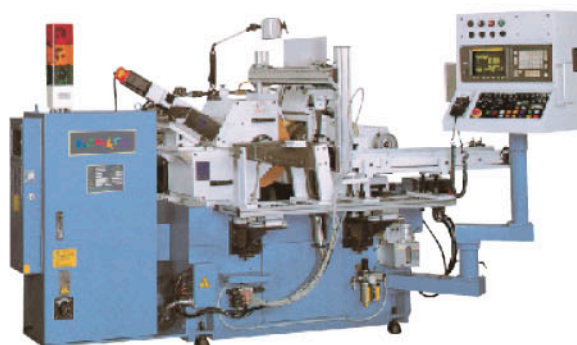


[BMT 70VG]



SPECIFICATION:

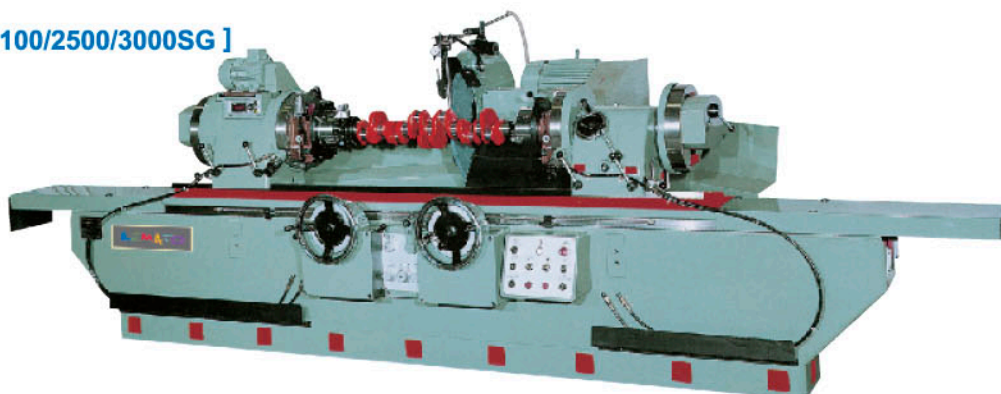
Max.diameter of work	70 mm
Grinding wheel size	405x45x152.4 mm
Grinding wheel speed	3000 M/min
Work spindle speed	80~480 rpm
Collet size	5~14 mm
Max.working length	150mm



SPECIFICATION:

Grinding capacity	30, 40, 50, 100, 125mm
Wheel size	305/405/455/510/610mm
Speeds	Steps&Variable
Operation mode	Manual, NC, CNC(Fanuc)

[BMT 1600/2100/2500/3000SG]



SPECIFICATION:	BMT 1600SG	BMT 2100SG	BMT 2500SG	BMT 3000SG
Max.distance between centers	1650 mm	2170 mm	2570 mm	3070 mm
Max.distance between chucks	1600 mm	2100 mm	2500 mm	3000 mm
Center height	275 mm		350 mm	
Swing over table	550 mm		700 mm	
Stroke	200 mm	280 mm	340 mm	340 mm
Max.weight of crankshaft	350 kgs	500 kgs	800 kgs	1000 kgs