

Some items are subject to freight charges.

All prices include GST. Plug & lead not supplied on 415 volt machines. Specifications & prices are subject to change without notice.



# PRECISION SURFACE GRINDERS

**BMT-3060AH**

(G248)

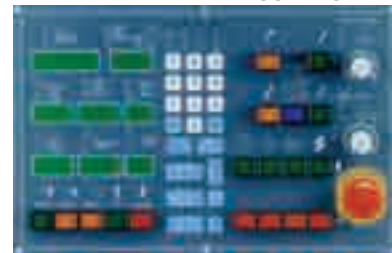
**BMT-4080AH**

(G250)

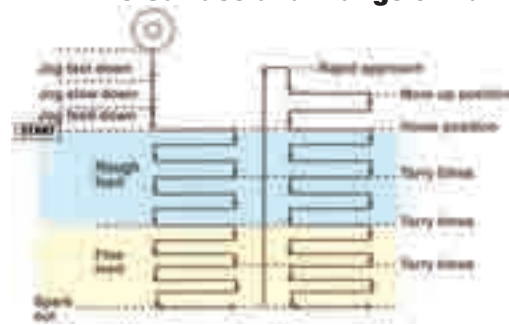
## AD5 FEATURES:

- Plunge and surface grinding
- Minimum incremental feed 0.001mm
- 2-step grinding procedure: roughing – finishing
- Preset spark out
- Rapid auto return to home positions

## AD5 PROGRAMMABLE CONTROLLER



## AD5 Surface and Plunge Grinding



**FULL RANGE AVAILABLE UP TO  
700 x 2050mm WORKTABLES**

## FEATURES:

- Spindle contains P4 grade pre-loaded precision angular contact bearings. The spindle and motor are dynamically balanced
- V-way slides are coated with Turcite-B
- Automatic pressure lubrication system to slideways and screws with timer adjustment
- High-tensile ribbed cast iron base and column for maximum rigidity and minimum vibration
- Auto downfeed AD5 and rapid UP/DOWN system standard on all models
- Design exceeds DIN, JIS and ISO standards

## STANDARD ACCESSORIES:

- Electro-magnetic chuck with demagnetiser, balancing arbor, balancing stand, parallel dresser, coolant system, wheel flange and cross/vertical micro feed
- AD 5 Controller

## OPTIONAL ACCESSORIES:

- Radius forming attachment, dust extraction system, magnetic separator for coolant system, auto paper strip filter and punch former

## SPECIFICATIONS

MODEL	BMT-2550AH	BMT-3060AH	BMT-4080AH
CODE	G244	G248	G250
Table Size	250 x 500mm	300 x 600mm	400 x 800mm
Max. Table Travel	270 x 550mm	340 x 670mm	450 x 860mm
Chuck Size	250 x 500mm	300 x 600mm	400 x 800mm
Max. Distance Centre of Spindle to Table	500mm	500mm(optional 600mm)	500mm
Variable Table feed	5 ~ 25	5 ~ 25	5 ~ 25
<b>Cross Traverse Travel</b>			
Auto. Feed Increment (approx.)	0.1~12mm	0.1~20mm	0.1~20mm
Rapid Feed (approx.) (mm/min)	900mm/min	900mm/min(optional 1100)	900mm/min(optional 1100)
Handwheel (rev.)	4mm	5mm	5mm
Handwheel (grad.)	0.02mm	0.02mm	0.02mm
<b>Vertical Downfeed</b>			
Auto. Downfeed	0.001~0.099mm/Time	0.001~0.099mm/Time	0.001~0.099mm/Time
Rapid Head Elevation (mm/min)	450mm/min	450mm/min	220mm/min
Handwheel (rev.)	2mm	2mm	1mm
Handwheel (grad.)	0.01mm	0.005mm	0.005mm
Grinding Wheel Diameter	200 x 20 x 31.75mm	355 x 38 x 127mm	355 x 50 x 127mm
Spindle Drive	1.5kW(2HP)	3.75kW(5HP)	3.75kW(5HP)
Hydraulic Drive	0.75kW(1HP)	0.75kW(1HP)	1.5kW(2HP)
Floor Space with guard fitted (LxWxH)	3250 x 1780 x 2400mm	3650 x 2645 x 2550mm	4000 x 2645 x 3000mm
Nett Weight (kg)	1350kg	1700kg	2650kg

