

R HEAD

- R head is fixed.
- Quill diameter is 150mm.



Automatic lubrication pump

The distribution is adjusted by metering valve to ensure regular flow in every area of the machine.



ATC available with armless or arm type (opt.)



Electrical cabinet

CE electrical components are applied on all machines. It is well arranged for easy installation and maintenance.



Accuracy control

Using the most advanced laser calibration system to ensure positioning accuracy and repeatability.



UL HEAD (FOR BMT 1654)

- UL head is swivel & right 45°. UL head is with high low gear.
- Spindle speeds of high range can be displayed on the main screen of monitor.
- Spindle speeds of low range (reduction through gear) can be displayed on the sub-screen of monitor.
- Spindle is movable and has 3 steps automatic feeds.
- Quill diameter of UL head is 105mm with a stroke of 127mm.



Power drawbar for UL head(Opt.)



Base with 4 slide ways for BMT 3072R & BMT 3086R.

STANDARD ACCESSORIES:

- Fagor 8055mcb w/11" fully key LCD monitor.
- One remote MPG for axis movement.
- Auto. lubrication system.
- Coolant system.
- Halogen light.
- CE conformity.

OPTIONAL ACCESSORIES:

- Armless ATC, 16 tools
- Armless ATC, 20 tools
- Arm type, 24 tools
- Air power drawbar for UL head
- Table guard with safety door lock, chip tray and rear splash guard
- Full guarding
- Z axis metal way cover
- 8000 rpm spindle with oil cooler
- 10000 rpm spindle with oil cooler
- 3 MPGS for 3 axis movement
- Chip auger with cart
- Coolant flush system(only available for full guarding)

CNC BED MILLS

BMT 1654R



RIGID CONSTRUCTION

- High tensile and stress relief meehanite castings.
- Base, column, saddle and table are well ribbed for the best rigidity.
- Table, X axis dovetail way and Y, Z axis box ways are flame hardened and precision ground.
- All mating surfaces of slide ways are coated with Turcite-B and precision scrapped.
- Z axis counter weight ensures smooth movement.
- High precision ball screws on all three axis with direct driving coupling to eliminate backlash.



DIRECT DRIVE

Picture shown with optional table guard, rear splash guard, chip tray and metal way covers.

PICTURE SHOWN WITH FAGOR 8055MC-B AND REMOTE MPG(STANDARD).

SPECIFICATION:

DESCRIPTION	BMT 1654R	BMT 1654UL
TABLE SIZE	400 x 1370 mm	
TABLE LOAD(TONS)	1.0	
X, Y, Z TRAVELS	1000 x 508 x 600 mm	
HEAD TYPES	Rigid head-R	Turret milling head-UL
SPINDLE NOSE	BT40 or CAT40	NT40
SPINDLE SPEEDS(RPM)	50~6000(8000, 10000, 12000 opt.)	High range:721~4200 Low range:60~720
SPINDLE MOTOR	10 HP	5 HP
X-BALL SCREW	Ø 40 mm, C5, double nuts	
Y-BALL SCREW		
Z-BALL SCREW		
BALL SCREW PITCH	10 mm	
SADDLE SIZE	320 x 1220 mm	
Y SLIDE WAY WIDTH	450 mm	
Z SLIDE WAY WIDTH	300 mm	
SPINDLE CENTER TO COLUMN SURFACE	530 mm	520 mm
SPINDLE TO TABLE	100~700 mm	
RAPID TRAVERSE RATE	20 m/min	
MAX CUTTING FEED RATE	5 m/min	
TURCITE-B	3 axis & gibs	
X, Y WAY COVER	metal	
Z WAY COVER	Rubber(Standard), metal(Opt.)	
NET WEIGHT	3000 kgs	
FLOOR SPACE WITH TABLE GUARD	3500 x 2500 x 2520 mm	