

## Accessories

### Standard Accessories:

- Alarm light
- Telescopic steel way covers
- Full enclosure
- Automatic lubrication system
- Auto power off
- Spindle air blast device
- Remote MPG
- BT40 spindle
- Rigid tapping
- RS232 interface
- Halogen light
- Cutting liquid detector
- Level adjusting bolt and pads
- Tool box and tools
- Air duster & hose
- Water gun & hose
- Heat exchanger
- Coolant system

### Optional Accessories:

- Transformer
- Coolant through spindle
- BT50 spindle
- 4th axis rotary table
- Coolant through tool tip
- Chip conveyor
- MP10 inspection probe kits
- ZF 2 speed gear box for spindle(Available for BT50))
- A.T.C.(Arm type) 24 tools
- 10000 RPM spindle
- Spindle oil cooler

## Specification

	Unit	BMT 955	BMT 1160	BMT 1370H
<b>TRAVEL</b>				
X travel	mm	900	1100	1300
Y travel	mm	550	600	700
Z travel	mm	530	610	700
<b>DISTANCE</b>				
Spindle center to column	mm	600	650	760
Spindle nose to table surface	mm	150~680	150~760	150~850
<b>TABLE</b>				
Table working area	mm	1000 x 510	1200 x 600	1300 x 700
Dimension of T-slot	mm	18 x 12 x 30		18 x 18 x 30
Max. table load	kgs	600	800	1200
<b>SPINDLE</b>				
Spindle taper/ Bore diameter	mm	BT40/ 70		BT40/ BT50
Driving method	-	Belt		
Spindle motor (count./ 30 min)	kw	11 / 15 kw		
Spindle speed	rpm	8000(10000-Opt.)		8000/ 6000(10000-Opt.)
<b>FEED RATE</b>				
Rapid feed rate- X/ Y/ Z	m/min	15/ 15/ 12		12/ 12/ 10
X/ Y/ Z ball screw	(dia. x pitch)	40 x 10		50 x 10
<b>TOOLS</b>				
Max. tool length	mm	250 x 89		
Max. tool weight	kgs	6		
Magazine capacity	pcs	20 / 24		
Tool exchanging time	sec.	10 / 4		
Tool selection method	-	Bi-direction & Min. path		
<b>MACHINE</b>				
Min./ Max. air pressure	kg / cm <sup>2</sup>	6.3		
Coolant tank capacity	ℓ	250	380	450
New weight	kgs	5600	7000	10000
Gross weight	kgs	5950	7400	10500
Floor space requirement(L x W x H)	cm	261 x 210 x 235	300 x 219 x 246	340 x 248 x 280
Packing size(L x W x H)	cm	265 x 228 x 245	310 x 228 x 250	385 x 310 x 315

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## Vertical Machining Center

A Dependable Source  
An Outstanding Machinery  
To strengthen your workforce

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## BENIGN ENTERPRISE Co., LTD.

SUITE 4, 5F., NO. 20, TA-LONG ROAD, TAICHUNG, TAIWAN R.O.C.  
MAILING ADDRESS: P.O.BOX 747 TAICHUNG, TAIWAN R.O.C.  
TEL:886-4-23233016 FAX:886-4-23232826 . 23238341  
e-mail:bematoco@ms11.hinet.net  
http://www.e-bemato.com . www.bemato.com.tw

# Vertical Machining Center

**BMT 955 / BMT 1160**

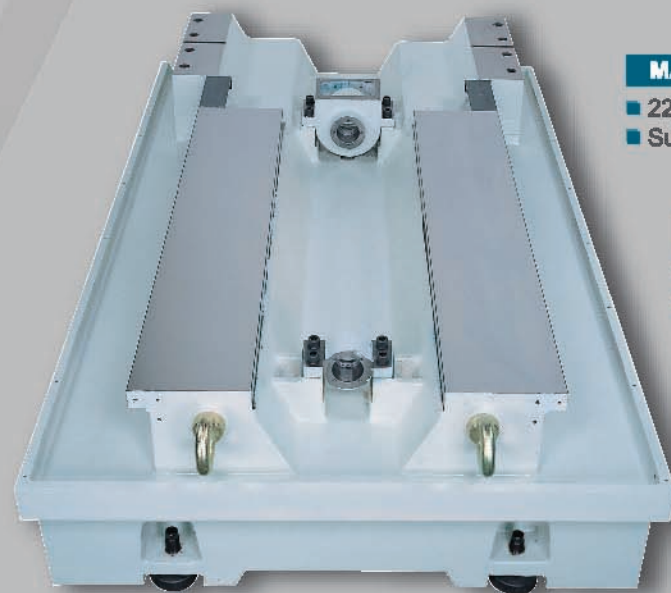


User friendly control panel

**FANUC  
SIEMENS**

controllers are available

**BMT 1370H**

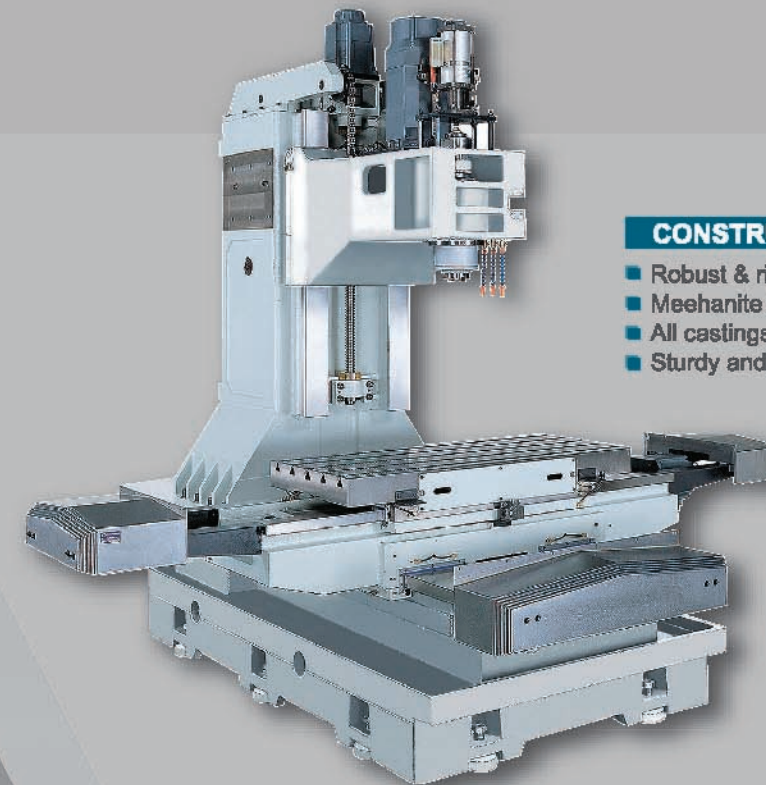


**MACHINE BASE (For BMT 1160 only)**

- 225mm wide slide ways, hardened & precision ground.
- Suitable for heavy duty machining.

**BALL SCREW**

- High precision C3 grade ball screws with double nuts.
- Each ball screw is positioned with three bearings in the front and two at the rear to maintain high accuracy and stability.



**CONSTRUCTION**

- Robust & rigid machine construction.
- Meehanite castings.
- All castings are tempered and stress relief.
- Sturdy and large base ensures stable machining.