

Hello,

We are very pleased to present the following machine for your review and approval:

## 2013 Bulova BT-360D

### CNC Drill & Tap Center

X Axis Travel: 20.4"

Y Axis Travel: 14.17"

Z Axis Travel: 13.78"

Number of Pallets: 2

Pallets Size: 15.75" x 25.5"

Pallets Load: 550 LBS

Spindle Taper: BT30

Spindle Motor: 7.37 HP

Spindle Speed: 12,000 RPM

Tool Changer: 14 ATC

Machine Dimensions: 67" x 109" x 102"H

Machine Weight: 11,000 LBS

#### -EQUIPPED WITH-

Automatic Pallet Changer

Mitsubishi M-70B CNC Control

300 PSI Coolant Through Spindle

Coolant wash down



PRICE.....\$59,900

Best Regards,

Mike Heim - Sales Manager



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## Specification

UGint

### 1.1.4 Accessories Specification (Mitsubishi M-70B)

1. Standard Accessories
  - 1) Front Door Interlock
  - 2) Splash Guard
  - 3) Coolant Tank and Chip Pan
  - 4) Bed Flushing
  - 5) Lub. Unit
  - 6) Coalite (3 column)
  - 7) Work Light
  - 8) Portable MPG
  - 9) Air unit
  - 10) Spindle Air Blast
  - 11) Installation Tools(Leveling Bolt & Block)
  - 12) Standard Tools, 1 set
  - 13) Manual, 1 set
2. Option Accessories
  - 1) Rotary Table for 4-axis \*
  - 2) Top Cover \*
  - 3) Jet Coolant
  - 4) Gun Coolant
  - 5) Spindle Penetrating Coolant \*
  - 6) Dry Cutting \*
  - 7) Tool Length Measuring Unit \*
  - 8) Automatic Work Measuring Unit
  - 9) Chip Conveyor (Rear: Left/Right)
    - Scraper Type
    - Hinge Type
  - 10) Transformer
  - 11) Automatic Door
  - 12) Hydraulic System
  - 13) High Column \*
  - 14) Tool Life Management

\* Technical review required before making contract.  
The contents of components and accessories are subject to change without prior notice as required. Please contact to our Sales Department for any differences.

## Specification

UGint

### 1.1.3 Machine main body Specification

Table 1-1 UT-360DSpecification

Item	Unit	ARMLESS TYPE	TWIN ARM TYPE
Table			
Area	mm	2-650×400	
Max. Load Capacity	kg	2×250	
Time required for table replacement	sec	6	
Table replacement method		hydraulic pressure (RACK&PINION)	
Head Stock			
Spindle Rotation Speed	rpm	12,000	(15,000)
Spindle Output	kW	5.5(15 min)/ 3.7(continuously)	3.7(15min)/ 2.2(continuously)
Max. Spindle Torque	kgf.m	3.4(15 min)	
Spindle Taper	ISO	7/24 Taper NO.30	
Move(Transfer)			
Max. Travel Distance (X/Y/Z)	mm	520/360/350	520/360/480 <sup>†</sup>
Cutting Feed Rate (X/Y/Z)	m/min	48/48/60	
Rapid Traverse Rate (X/Y/Z)	mm/min	20/20/20	
Spindle Nose to Table Top	mm	200-550	200-680
Slide Type (X/Y/Z)	-	LM GUIDE	
ATC			
Tool Type	-	MAS BT30	
Number of Tools	EA	14	20(24)
Max. Size of Tool	Diameter	mm	Ø80
	Length	mm	200
	Weight	kg	2.8

## Specification

UGint

ATC			1.5	1.1
Tool Change Time	Tool to Tool	sec		
	Chip to Chip	sec	2.4	2.4
Tool Selection Type		-	Turret(stationary)	Random
<b>Motor</b>				
Servo Motor X/Y/Z		kW	3.0/3.0/2.2	
<b>Coolant</b>				
Tank Capacity		ℓ	200	
Std. Coolant		ℓ	90	
Base Coolant		ℓ	200	
<b>Power Source</b>				
Required Power Capacity		V/kVA	220/23	
Air Service (Input/ Consumption)		kgf/cm <sup>2</sup> ℓ/min	5/200	
<b>Main Body</b>				
Floor Space Required		mm	1720 × 2764	1,920 × 2,990
Machine Height		mm	2,586	2,832
Machine Weight		kg	4,800	4,800
<b>Controller</b>				
<b>Model</b>				
Screen Display		-	Mitsubishi M-70B	
Program Memory Capacity		-	8.4"COLOR TFT	
		M	600	











