

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**



**Two Spade Machinery LLC**

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**Specification** **UGint**

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

1. Standard Accessories

1) Front Door Interlock	8) Portable MPG
2) Splash Guard	9) Air unit
3) Coolant Tank and Chip Pan	10) Spindle Air Blast
4) Bed Flushing	11) Installation Tools(Leveling Bolt & Block)
5) Lub. Unit	12) Standard Tools, 1 set
6) Coalite (3 column)	13) Manual, 1 set
7) Work Light	

2. Option Accessories

1) Rotary Table for 4-axis *	8) Automatic Work Measuring Unit
2) Top Cover *	9) Chip Conveyor (Rear: Left/Right)
	- Scraper Type
	- Hinge Type
3) Jet Coolant	10) Transformer
4) Gun Coolant	11) Automatic Door
5) Spindle Penetrating Coolant *	12) Hydraulic System
6) Dry Cutting *	13) High Column *
7) Tool Length Measuring Unit *	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-360D Specification

Item	Unit	ARMLESS TYPE	TWIN ARM TYPE
<b>Table</b>			
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)	
<b>Head Stock</b>			
Spindle Rotation Speed	rpm	12,000 (15,000)	
Spindle Output	kW	5.5(15 min)/ 3.7(continuously)	3.7(15 min)/ 2.2(continuously)
Max. Spindle Torque	kgf.m	3.4(15 min)	
Spindle Taper	ISO	7/24 Taper NO.30	
<b>Move(Transfer)</b>			
Max. Travel Distance (X/Y/Z)	mm	520/360/350	520/360/480 <sup>1</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)	-	L/M GUIDE	
<b>ATC</b>		MAS BT30	
Tool Type	-		
Number of Tools	EA	14	20(24)
Max. Size of Tool	Diameter mm	Ø80	Ø80(65) <sup>1</sup>
	Length mm	200	
	Weight kg	2.8	3

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ATC	Tool to Tool	sec	1.5	1.1
Tool Change	Chip to Chip	sec	2.4	2.4
Time			Turret(stationary)	Random
<b>Tool Selection Type</b>	-			
<b>Motor</b>	Servo Motor XYZ	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	kgf/cm <sup>2</sup>			
(Input) Consumption	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	
Controller				
Model				
Screen Display	-		Mitsubishi M-70B	
Program Memory Capacity	-		8.4"COLOR TFT	
	M		600	





