BT-420

VERTICAL MICRO-MACHINING CENTER

- **Table Size**
  31.5" x 16.5"
- **Spindle Speed**
  12,000 RPM *(standard)*
- **Spindle Power (Max./Cont.)**
  7.5/5 HP *(standard)*
- **Floor Space (LxWxH)**
  83" x 101.4" x 97" *(standard)*



C TYPE COMPACT MICRO-MACHINING CENTER

- 15% reduction of factory investment cost by innovative reduction for equipment's installation space
- Compact design
- Equipped with either a 14-tool turret tool changer or 20-tool twin arm ATC

BULOVA®
TECHNOLOGIES MACHINERY LLC
IT'S PRECISION TIME™

DISTRIBUTOR INFORMATION

Bulova is a new leader in world class precision vertical micro-machining centers designed for versatility to meet today's demanding machining requirements at affordable pricing!

ITEM				BT-420
TABLE	Size (length x width)		in	31.5” x 16.5”
	Max. load on table		lbs	440
	Table change time		sec	n/a
	Table driving method			n/a
	T Slots, width x spacing x # slots			.551” x 4.724” x 3
TRAVEL	Table longitudinal	X	in	27.5”
	Table cross	Y		16.5”
	Spindle head vert.	Z		13.7”
	Tilting	A	degree	n/a
	Rotating	C		n/a
	Distance from column to spindle center			18.66”
	Distance from table surface to spindle nose			5.9”-19.6”
SPINDLE	Taper	STD		BT 30 Big Plus
		OPT		BT 40 Big Plus
	Speed	STD	rpm	12,000
		OPT		n/a
	Power	STD	hp	7.5/5
		OPT		n/a
	Torque	STD	ft-lbs	26
		OPT		n/a
	Spindle drive			Direct drive
FEED	Rapid	X,Y axis	ipm	1,968
		Z axis		1,968
	Tilting		rpm	n/a
	Rotating			n/a
	Cutting feed rate		ipm	393
ATC	Type	STD	STD	Turret
	Tool Capacity	STD	EA	14
		OPT		20
	Max. tool diameter		in	3.15”
	Max. tool diameter (w/o adj. tool)			3.15”
	Max. tool length			7.87”
	Max. tool weight		lbs	6.6
	Tool selection type			Random
	Tool change time	tool to tool	sec	1.2
		chip to chip		2.1
Coolant			gallons	53
Coolant through spindle			OPT	20BAR
Rigid tapping				STD
Electric capacity			AMPS	40
Floor space			in	83” x 101.4” x 97”
Slide way				LM guide
Machine weight			lbs	7,700
Accuracy (Positioning, full stroke)			+/- in	0.0002
Controller			STD	Mits M70V-A
			OPT	Fanuc Oi-MD



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Design and specifications are subject to change without prior notice. n/a = not applicable

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