



## *Double Column Machining Center MODEL: D2505*

### MACHINE FEATURES

- **FANUC CONTROL SYSTEM 21i-MB**
- **30HP Spindle Motor, BT50 Spindle Taper**
- **Standard 30T chain type tool changer**
- **60-4,500 rpm gear box spindle speed with spindle oil cooler**
- Hardened & Ground with Turcite-B coating on Z axis guide way
- Roller Linier guide way , 3 ways on x and 2 ways on y axes
- Double nut precision ball screws hardened & ground for high accuracy and long lasting
- FC30 Meehanite Casting main frame with annealed & stress relieved for long term reliability
- X axis with Fagor scale feed back
- 100% Laser tested for positioning accuracy & repeatability
- Telescopic steel way covers on all three axes
- Coolant System and air blast system & Tool box & Tools
- Central lubrication system
- Built-in Quartz work light
- 90° angle milling head (manual) (opt.)
- Rigid tapping(opt.)



### Specification:

Table:	90" x 197" (2300 x 5000 mm)
Longitudinal travel (X-axis):	197" (5000 mm) with scale feed back
Cross travel:	102" (2600 mm)
Vertical travel:	39" (990 mm)
Spindle nose to table top (D):	9"-48" (230-1,220 mm)
Load capacity:	46,200 lbs (21000 Kgs)
Spindle taper:	BT50
Spindle Speed (r. p.m.):	60 to 4500 rpm
Transmission of spindle & motor:	gear box
Spindle center to column front surface:	
Distant between columns:	106" (2700mm)
T-Slot:	11~1.1"*7.87" (11~28*200mm)

### **Feed Rate:**

Rapid feed rate:	X/Y/Z: 315 ipm
Cutting feed rate:	1-393 ipm

### **Motor:**

Spindle motor/max torque:	30HP/22KW/100NM
Feed motors on XYZ:	9/6/7 KW
Coolant pump	
Lubrication pump:	
Power requirement:	60 KVA, 3 Phase 208-230 voltage

### **Automatic Tool Changer**

No. of tools:	30
Max. tool diameter:	4.9" (125 mm)/ 8,2"(210mm)
Max. tool length:	13.7"(350mm)
Max. tool weight:	42 lb (20 Kg)



# ATRUMP MACHINERY, INC.

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Length X Width X Height (LXWXH):

Net Weight:

127,600 lbs. (58000 Kgs)

## CNC DOUBLE COLUMN MACHINE CENTER ( BOX WAY )

MODEL	SPINDLE	Travel X/Y/Z	ATC Armtype	CNC SYSTEM	SPINDLE MOTOR	AXES MOTOR	FOB CA
D2505	BT50	197"/98"/39"	30	Fanuc21iMB	22KW(30HP)	AC 9/6/7KW	<b>\$457,860</b>

The price includes set up and training.

### STANDARD ACCESSORIES:

High pressure automatic lubrication system	Fully enclosed guarding	Air count balance
Chain type chip conveyor and chip tray	Coolant pump and water tank	Spindle coolant system
Z-axis oil pressure balance system	Working lamp and Operation light	air blasting
Automatic power off system	Electrical hand wheel	Precision inspect chart
Tool box, electric circuit diagram and manual	Leveling screws and pads	RS-232 connector

### Additional Accessories information:

Power requirement	80 KVA, 3 Phase 208-230 voltage
Air requirement	90 - 100 psi
Type of oil for Way oil / oil chiller / pneumatic oil	Mobil Vactra #2 / Shell Tellus 32 / Air tool oil
Coolant capacity	

**F.O.B.:** Pomona, CA. 91768

**DELIVERY:** Please check with Atrump's sales team

**STANDARD TERMS OF PAYMENT:** 30% down-payment, 60% before delievery, 10% after set machine up

**TAXES:** Federal, State, Local Taxes are the responsibility of Purchaser.

**VALIDITY:** This proposal is valid for 30 days.

**Training:** Including One day training but customer need to pay the travel expense.

**WARRANTY:** One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components. Visit [www.atrump.com/policy](http://www.atrump.com/policy) for full warranty details & contract.

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