



Double Column Machining Center MODEL: D2203

MACHINE FEATURES

- **FANUC CONTROL SYSTEM 21i-MB**
- **22HP Spindle Motor, BT50 Spindle Taper**
- **ATC 32 / 40 pcs (opt.)**
- **4,500 rpm spindle speed with spindle oil cooler**
- Hardened & Ground with Turcite-B coating guide way
- 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
- 100% Laser tested for positioning accuracy & repeatability
- 4 Box ways design on Y axis to provide maximum rigidity & stability
- Telescopic steel way covers on all three axes
- Extend head
- 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:	70" x 118" (1800 x 3000 mm)
Longitudinal travel (X-axis):	118" (3000 mm)
Cross travel:	80" (2000 mm)
Vertical travel:	39" (990 mm)
Spindle nose to table top (D):	5.3"-44.3" (135-1,250 mm)
Load capacity:	33,000 lbs (15000 Kgs)
Spindle taper:	BT50
Spindle Speed (r. p.m.):	60-4500 rpm
Transmission of spindle & motor:	Belts
Spindle center to column front surface:	
Distant between columns:	80" (2000mm)
T-Slot:	9*0.86"*7" (9~22*180mm)

Feed Rate:

Rapid feed rate:	X/Y/Z: 472 ipm
Cutting feed rate:	1-393 ipm

Motor:

Spindle motor/max torque:	22/ 18.5KW/30 min / continued
Feed motors on XYZ:	7/6/7 KW

Coolant pump

Lubrication pump:

Power requirement:

50 KVA, 3 Phase 208-230 voltage

Automatic Tool Changer [Option]

No. of tools:	32/40
Max. tool diameter:	4.9" (125 mm)
Max. tool length:	13.7" (350mm)
Max. tool weight:	39 lb (18 Kg)



ATRUMP MACHINERY, INC.

670 Union Ave. Pomona, CA 91768
Tel: 909-623-6887 Fax: (909) 922-7596
Toll Free Tel: 877-4 ATRUMP

[URL:www.atrump.com](http://www.atrump.com) [e-mail:atrump@atrump.com](mailto:atrump@atrump.com)

Length X Width X Height (LXWXH):

Net Weight:

88,185 lbs. (40000 Kgs)

CNC DOUBLE COLUMN MACHINE CENTER (BOX WAY)

MODEL	SPINDLE	Travel X/Y/Z	ATC Armtype	CNC SYSTEM	SPINDLE MOTOR	AXES MOTOR	FOB CA
D2203	BT50	118"/70"/39"	None	Fanuc21	18.5KW	AC 7KW	\$359,300
D2203	BT50	118"/70"/39"	32	Fanuc21	18.5KW	AC 7KW	\$387,355
D2203	BT50	118"/70"/39"	40	Fanuc21	18.5KW	AC 7KW	\$392,060

The price includes set up and training.

STANDARD ACCESSORIES:

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

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: 20% down-payment, balanced due on machine delivery

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 for full warranty details & contract.

**** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE ****

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