



25th JAPAN INTERNATIONAL MACHINE TOOL FAIR
JIMTOF 2010
Oct 28 (Thu.) ▶ Nov 2 (Tue.), 2010 Tokyo Big Sight

Japan, September 10, 2010

Dear Sirs,

We are pleased to inform you that from **October 28th (Thu.) to November 2nd (Tue.), 2010**, one of the largest machine tool and metalworking industry show in the world, the Japan International Machine Tool Fair, **JIMTOF2010** will be held at **Tokyo Big Sight** (International Exhibition Center) .

mectron will exhibit 3 kinds of new models, **MTV-T210, MTV-T360 and MCH-330** as per attached Machine Guidance.

It would delight us very much if you could attend the show and drop in our booth, **East Hall No. 1, Booth No. E1009**.

Enclosed, please find an invitation and registration form which is recommended to register on website: www.jimtof.org beforehand.

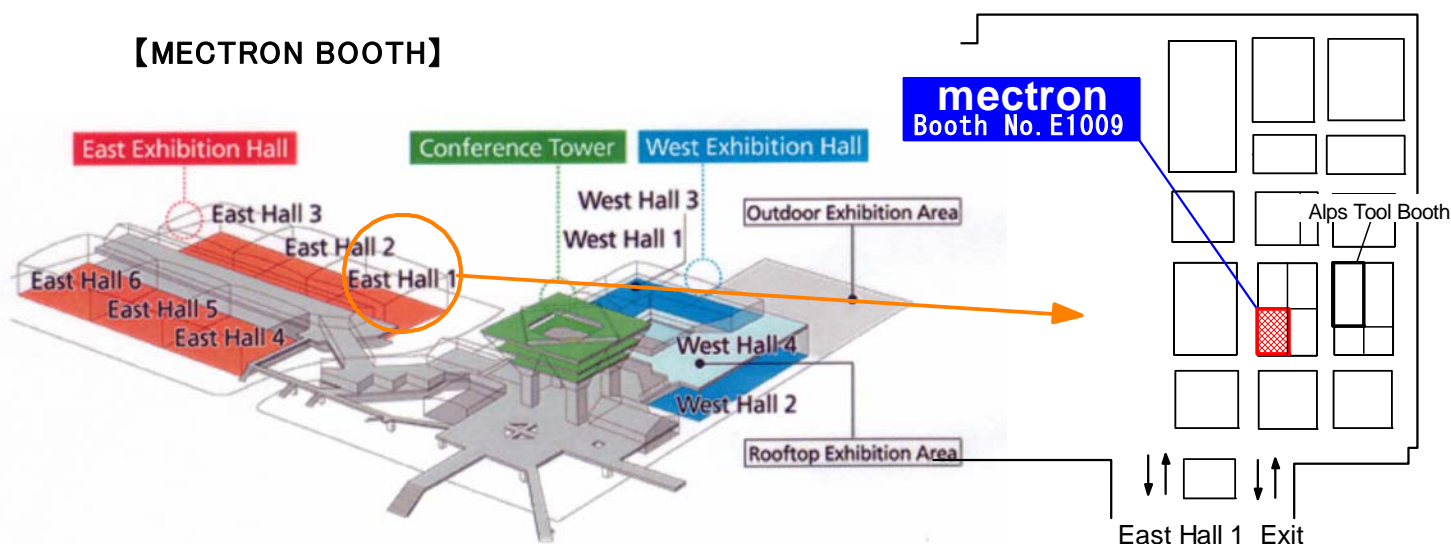
We look forward to seeing you at our booth.

Yours faithfully
mectron Inc.

Kazuo Okamoto, Executive Director

DATE: Oct. 28th ~ Nov. 2nd, 2010
TIME: 09:00 ~ 17:00
PLACE: Tokyo Big Sight
BOOTH: East Hall No. 1, Booth No. E1009

【MECTRON BOOTH】



■ Compact Vertical Machining Center, model **MTV-T210**

High speed·high precision machine, MTV-T210 features 30,000 rpm oil cooling Built-In Spindle, ATC Unit with 30 tools of HSK-E25 tooling system offering high speed of 1 sec. (chip to chip) and Linear Scale Feed Back system of X,Y,Z axes.

Narrow designed machine width of 1,000mm and slant type door makes easy approach to the table. Equipped with Siemens control and drives, the machine ensures stable high speed in smooth motion and suitable for finishing up of the precise small parts and 2.5D milling of moulds.

MACHINE SPECIFICATIONS:

Controlable Axes	:3 axes (X,Y,Z-axis)
Slide Travel (X,Y,Z)	:X: 250, Y: 250, Z: 250 mm
Rapid Feed (X,Y,Z)	:36,000 mm/min. (all axes)
Table Size	:400 x 300 mm with 3 x 14T-Slot
Spindle, Motor	:30,000 min - 1, built-in motor 12.6/17.6 kw
ATC System	:30 Tools, HSK-E25, Double-arm
CNC Control	:Siemens SINUMERIK 840 Dsl with COMPCAD

New Machine



■ Vertical Machining Center, model **MTV-T360A** with standardized CNC 3 axes Loader

In pursuit of the increase of accuracy and rigidity of BT30 T-series machines, MTV-T360 provides Roller Type linear guideways to all XYZ slides, sized up rigid Spindle with powerful high Torque Motor, extended Y axis slide and newly designed Flat Column which are constructed on the optimum metal casting base, allowing to mount large and heavy fixtures and realizes to produce a wide range of workpieces. 3 axes (X-axis & Z1/Z2-axis for double hand) CNC controlled Mectron standardized LOADER is equipped by extending extra 100mm of Y stroke of MTV-T360 to cope with full automated production system solutions easily.

MACHINE SPECIFICATIONS:

Controlable Axes	:3 axes (X,Y,Z-axis) for machine + 3 axes for Loader
Slide Travel (X,Y,Z)	:X: 500, Y: 420+100, Z: 300 mm (X: 700mm opt)
Rapid Feed (X,Y,Z)	:50,000 mm/min. (all axes)
Table Size	:500 x 420 mm (Sub Table 610 x 420 mm)
Spindle, Motor	:12,000 min - 1 (24,000 opt), Motor 3.7/5.5/7.5 kw
ATC System	:12 Tools (15 opt), Magazine Direct ATC
CNC Control	:Fanuc 0i-MD
Auto-Loader	:CNC 3 axes (X and Z1/Z2-axis for loader-arm)

New Machine



■ Many-sides Processing 2-Stages/1-Spindle Machining Center **MultiCell MCH-330**

MCH-330 is a new model of MultiCell MCH-series that allows machining all faces of workpiece in one machine. Equipped standard Loader and combining Mectron stockers or conveyors (opt.) allows forming flexibly un-manned operation system for long hours. This model constitutes horizontal column travel BT30 Spindle (Y/Z-axis), X1 and X2 Tilting Table, double-arm ATC unit with 30 tools and Auto-Loader. Workpieces are transferred between 2 tilting tables on the X-slide automatically and during the operation at X1-table, the workpiece finished at X2-table is unloaded and during the operation at X2-table, the next workpiece is loaded at X1-table, that means loading time is zero.

MACHINE SPECIFICATIONS:

Controlable Axes	:8 axes (Y/Z-axis for spindle & both X1+B1/C1 and X2+B2/C2 for tilting-table)
Slide Travel (Y,Z,X)	:Y: 150, Z: 550 mm and X1/X2: 475 mm
Indexing Degrees	:Both B1 & B2: 180°, C1 & C2: 360°
Rapid Feed (X,Y,Z)	:36,000 mm/min. (all axes)
Max. size of works	:100 x 100 x 100 mm
Spindle, Motor	:12,000 min - 1, Motor 3.7/5.5 kw
ATC System	:30 Tools, NT30, Double-arm
CNC Control	:Fanuc 0i-MD
Auto-Loader	:2 axes (X and Z-axis for loader-arm)

New Machine

