



**CIGNYS ANNOUNCES THE PURCHASES OF A NEW SAMSUNG SL45MC/2200 Large Capacity Turning Center with Live Milling to enhance current processes, increase productivity and expand product capability ...**

Samsung offers the SL Series of Lathes previously built under technical agreement for a high-end Japanese builder. The Mill-Drill turning centers are designed for heavy and interrupted cutting, long-term high accuracy and superior finishes. High speed turret indexing and fast rapid traverse rates minimize non-cutting time. The mill-drill capability reduces the need for secondary machining on other machines and helps to eliminate additional machine set-ups.



SAMSUNG MACHINE TOOLS

SL45MC/2200

Superior rigidity, accuracy & tool life is achieved because of the following attributes:

- One-piece 45° rigid cast-iron slant bed
- Hardened and ground solid box guide ways
- Proven Heavily ribbed “torque tube” design prevents thermal deformation and twisting



### Features

**Powerful 50 HP Spindle Motor**

**2-Speed Geared 1,800 rpm spindle**

**Rigid Tapping on Main Spindle**

**Maximum Cutting Diameter: 24.4”**

**A2-11 Spindle Nose**

**12 Station Servo Driven Turret**

**Rotating Tool Speed: 4,000 rpm**

**BMT-75 Rotary Tool Holders**

**Tool Pre-setter**

**Side Discharge Chip Conveyor**

**1,937 Ft lbs Spindle Torque**

**18” Hydraulic Chuck**

**787 IPM Rapid Traverse Rate**

**Maximum Cutting Length: 88.78”**

**Bar Capacity:  $\Phi$  4.6”**

**Full Contouring C Axis**

**Rotating Tool Motor: 10 HP**

**Rigid Tapping on Live Tools**

**Programmable Tailstock**

**Self Centering Programmable Steady Rest**