



MVL-12 / MVL-12M  
MVL-16 / MVL-16M  
MVL-20 / MVL-20M  
MVL-25 / MVL-25M

## HEAVY DUTY CNC VERTICAL LATHE

# MVL

SERIES

**MOMENTUM**  
MACHINE TOOL COMPANY

# RUGGED MACHINE CONSTRUCTION

## A GUARANTEE OF **Rigidity and Stability**



### **WEAR-RESISTANT CROSSRAIL**

- The slideways on the rail fitted with hardened steel to increase wear-resistance capability.
- Rail elevation is driven by two hydraulic cylinders.
- The rail positions are clamped securely by hydraulic power. Accurate perpendicularity between two clamping head is achieved through additional stops.

### **WAY-TYPE COLUMNS**

- Way type columns ensure rigidity of columns.

### **AUTOMATIC TOOL CHANGER**

- The loading capacity of the magazine is 12 tools.
- The magazine rotation is driven by a servo motor, featuring fast and high positioning accuracy.
- Tool selection method is bi-directional and random for increased efficiency.
- The tool magazine is separately mounted from the cutting area, combined with a safety door to fully prevent cutting tools from contamination by chips or coolant.