

## HIGH POWER SVG VERTICAL MACHINING CENTER

### MODELS

SVG 4429A

SVG 5532A

SVG 6336A

SVG 7136A

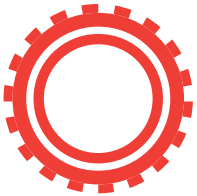
SVG 8744A

SVG 9944A



The Sharp SVG series was engineered from the ground up for hard metal machining. This is an extremely rigid "C" frame design using hardened and ground box ways. All structural components are made of Meehanite casting with internal ribs running throughout each section. Precision hand scraping of each section provides near perfect alignment assuring long term accuracies.

The new Fanuc Oi MF control with 10.4" color LCD is used along with all Fanuc motors and drives. For operator convenience, a remote jog handle is standard.



**Machine Travel:** *from 43.3" x 28.3" x 26.8" to 98.4" x 43,3" x 35.4"*

**Box Ways:** 4 & 6

**Spindle Speed:** 30-6000 RPM

**Spindle Motors:** 35 HP

**Machine Weight:** *from 23,000 lbs to 63,000 lbs*

### FEATURES

- Massive box ways construction
- Precision scraped slideways
- Full geared drive spindle
- Optional coolant through spindle

**SPINDLE** is equipped with 35 hp, 6,000 rpm CAT 50 taper. It is supported by P4 class precision angular contact bearings, featuring superior radial and axial thrust capacity.

**GEAR HEAD:** The spindle is transmitted by gear head providing greater torque output for heavy duty machining. The gearhead consists of high quality gears which provide minimum noise, high accuracy, maximum wear resistance and long service life.

**ULTIMATE STABILITY:** All structural parts have box-type construction combined with rib reinforcement to guarantee quality performance. High precision ball screws on three axes are pre-load to eliminate thermal displacement while ensuring continuous high accuracy. Ball screw accuracy calibrated within  $\pm 0.01$  mm in full length.