

COMPONENTS:

- X, Y, and Z axis, horizontally opposed, linear motor drive system
- Special precision roller-type linear motion ways
- Active HIS (Heat Isolation System)
- Advanced M-Kit (visual machine behavior)
- Super TMS (Tool Measurement System)
- ASC (Auto Saturation Check) function
- Auto lubrication
- Full enclosure
- Special way covers reduce motion resistance
- 30,000-RPM, 20-HP integral motor spindle
- Spindle chiller
- M&H Super TMS (Tool Measuring System)
- 68-gallon (260L) coolant tank
- 20-position automatic tool changer
- X, Y, and Z axis (2 NANO meter) linear scales
- Mist collector
- Oil temperature control for coolant
- Tool tightening block
- Automatic power shutdown circuit
- Work washer gun
- Air purge
- 4" color monitor
- 2-stage patrol lamp (yellow, red)
- Manual handle feed
- One machine lamp (LED)
- Tool box
- Maintenance kit
- Leveling bolts and pads

USER INTERFACE:

Fanuc 31i-B5 Control

- Super PC III function (3-mode operation)
- AI Contour Control II, high-speed processing, nano smoothing, and look-ahead block expansion
- Editable data server with 2GB program storage (flash card type)
- Ethernet with TCP/IP protocol & RS232 communications
- 320 meters memory (128KB)
- Custom macro B

- Parts count & run hour display
- Inch/metric switching
- Helical interpolation
- Program restart