
Details

COMPONENTS:

- X, Y, and Z axis linear motor drive system
- Z axis thermal growth compensation
- Special precision roller-type linear motion ways
- Auto lubrication
- Full enclosure
- Special way covers reduce motion resistance
- 60,000-RPM integral motor spindle
- Spindle chiller
- Non-contact tool measurement (Blum laser) with air blow
- 53-gallon (200L) coolant tank
- 20-position automatic tool changer
- X, Y, and Z Axis (0.5 NANO meter resolution) linear scales
- 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 Features

- Super PC X + function (10-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 meter memory (128KB)
- 160 meter memory (64KB)
- Custom macro B
- Parts count & run hour display
- Helical interpolation