

MOTOR

Spindle drive motor (30min./cont.)	40/30HP	AC30/22kW
Feed motors		
* X & Y-axes	10HP	AC7.5kW
* Z-axis	7.3HP	AC5.5kW
* W-axis	5.3HP	AC4.0kW x 2

CNC system

TOSNUC 999

Power sources

Electric power supply	AC 208V, 60Hz
Power capacity	110kVA
Compressed air supply	
* Pressure	72.5 ~ 116p 0.5 ~ 0.8MPa
* Flow rate	1,200NL/min

1) No oily, moist or dusty air shall be prepared by customer

Air dryer is recommended to prevent moisture contamination from air supply.

2) Customer needs to prepare either direct AC208V 60Hz or a transformer to meet the applicable power source requirement for the machine

MACHINE SIZE

Machine height	255.5"	6,490mm
Floor space	267.7 x 43'	6,800 x 11,100mm
Machine weight	92,400lbs	42,000kg

ACCURACY

Positioning accuracy	$\pm 0.0003/3\text{c} \pm 0.007\text{mm}/1,000\text{mm}$
Repeatability	$\pm 0.00012" \pm 0.003\text{mm}$

1) Accuracy under no-load and stable ambient condition

2) Other accuracy as per the our standard test chart (testing method & tolerances)

STANDARD ACCESSORIES

- 1) Numerical control TOSNUC 999
- 2) Automatic attachment indexing (AAI) for 4-positions, 90degrees indexing
- 3) Snout 240 (Vertical spindle attachment)
- 4) ATC (Tool storage capacity; 36pots)
- 5) Telescopic steel bed cover
- 6) Telescopic steel cross-rail cover
- 7) Telescopic steel column lower cover
- 8) Special tools for maintenance and operation
- 9) Hydraulic ram balancing mechanism
- 10) Automatic tool loading/unloading device
- 11) Oil mist lubrication unit for gears and bearings
- 12) Hydraulic unit
- 13) Ram slideway (Z-axis) lubrication unit
- 14) Service outlet for connecting an external device (100V, 3A)
- 15) Swing type pendant operation box
- 12) Column front steel cover
- 13) Working light (Spotlight)
- 14) Plug receptacle for external equipment (AC 100V, 2A)
- 15) Assembly and reassembly tools for maintenance
- 16) Installation parts
- 17) Auto power OFF unit