



QUICK TURN NEXUS 250-II MSY

PROCESS: MULTI-TASKING



MACHINE DESCRIPTION:

The QUICK TURN NEXUS 250-II MSY CNC Turning Center with Multi-Tasking capability brings together advanced technology, productivity and value to deliver exceptional performance for shops large and small. As an (MSY) configuration, this machine offers the greatest versatility available in the QTN series. The machine features milling and Y-axis capability as well as a second turning spindle to process parts in "Done-In-One" operations.

Plus, the machine comes equipped with the Matrix Nexus 2 CNC control. Featuring, both, Mazatrol conversational programming and EIA-ISO programming, as standard. For fully automated operations, the machine can be outfitted with a bar feeder or gantry robot loader. Any way you look at it, QTN-250MSY provides an excellent way to improve your throughput and profit potential!

MACHINE CHARACTERISTICS:

- Powerful, integral main turning spindle
- Second turning spindle
- Rotary tool milling spindle
- Y-axis capability
- Through-hole chuck packages (std only on main spindle)
- Automatic tool eye
- Easy integration of bar feeders and gantry robots

MACHINE SPECIFICATIONS:

SPECIFICATION		BED LENGTH - 20
Capacity	Maximum Swing	26.50 in / 675 mm
	Maximum Machining Diameter	14.750 in / 380 mm
	Maximum Bar Work Capacity	3.0 in / 77 mm
	Maximum Machining Length	21.275 in / 541 mm
Main Spindle	Chuck Size	10 in / mm
	Maximum Speed	4000 rpm
	Motor Output(30)	35.0 hp / 26 kw

Multi-Tasking Level: 2
Automation Level: 1,2,4
Control Level: Matrix Nexus (2)

INTELLIGENT MACHINE FUNCTIONS:



Industry Applications:

- CONTRACT MFG
- MASS PRODUCTION

Other Machines in this Series:

- QUICK TURN NEXUS 100-II MS
- QUICK TURN NEXUS 100-II MSY
- QUICK TURN NEXUS 100-II MY
- QUICK TURN NEXUS 200-II
- QUICK TURN NEXUS 200-II M

SERIES CHARACTERISTICS:

- Powerful main turning spindles with integral motors
- Full C-axis contouring available on machines with rotary tool milling spindles
- CNC programmable tailstocks
- Through-hole chuck packages
- Fast indexing turrets for maximum efficiency
- Automatic tool eye
- Easy integration of bar feeders and robotic loading for unmanned operation

	minute rating)	
Second Spindle	Chuck Size	6 in / mm
	Maximum Speed	6000 rpm
	Motor Output(30 minute rating)	10.0 hp / 8 kw
Turret (Upper)	Number of Tools	12
	Maximum Speed	4500 rpm
	Motor Output(10 minute rating)	7.5 hp / 6 kw
Feed Axes	Travel (X Axis)	9.00 in / 230 mm
	Travel (Y Axis)	4.00 in / 102 mm
	Travel (Z Axis)	22.63 in / 575 mm
	Travel (W Axis)	23.00 in / 585 mm

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