



Welcome to Mazak Machines & Technology QUICK TURN NEXUS 100-II M

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PRODUCT: CNC TURNING CENTERS



Control Type: Matrix Nexus

Other machines in this Series

- QUICK TURN NEXUS 200-II M
- QUICK TURN NEXUS 100-II M
- QUICK TURN NEXUS 100-II MS
- QUICK TURN NEXUS 100-II MSY
- QUICK TURN NEXUS 100-II MY
- QUICK TURN NEXUS 150-II
- QUICK TURN NEXUS 200-II
- QUICK TURN NEXUS 200-II MS
- QUICK TURN NEXUS 200-II MSY
- QUICK TURN NEXUS 200-II MY
- QUICK TURN NEXUS 250-II
- QUICK TURN NEXUS 250-II M
- QUICK TURN NEXUS 250-II MS
- QUICK TURN NEXUS 250-II MSY
- QUICK TURN NEXUS 250-II MY
- QUICK TURN NEXUS 300-II

Machine Specifications

Specification		Bed Length - 300U in
Capacity	Maximum Swing	550 mm / 21.65 in
	Maximum Machining Diameter	280 mm / 11.020 in
	Maximum Bar Work Capacity	51 mm / 2.0 in
	Maximum Machining Length	335 mm / 13.190 in
Main Spindle	Chuck Size	6 in
	Maximum Speed	6000 rpm
	Motor Output (30 minute rating)	11 kw / 15.0 hp
Turret (Upper)	Number of Tools	12
	Maximum Speed	4500 rpm

Specification		Bed Length - 300U in
	Motor Output (5 minute rating)	6 kw / 7.5 hp
Feed Axes	Travel (X Axis)	185 mm / 7.28 in
	Travel (Z Axis)	385 mm / 15.16 in
	Travel (W Axis)	350 mm / 13.78 in

- [QUICK TURN NEXUS 300-II M](#)
- [QUICK TURN NEXUS 300-II MY](#)
- [QUICK TURN NEXUS 350-II](#)
- [QUICK TURN NEXUS 350-II M](#)
- [QUICK TURN NEXUS 350-II MSY](#)
- [QUICK TURN NEXUS 350-II MY](#)
- [QUICK TURN NEXUS 400-II](#)
- [QUICK TURN NEXUS 400-II M](#)
- [QUICK TURN NEXUS 450-II](#)
- [QUICK TURN NEXUS 450-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