

ATC-2030P-8T

Automatic Tool Change Machining Center



Features

- With a carousel type tool magazine, ATC-1325P-8T allows easy and fast tool change. The tool magazine offers tool stands for 8 ISO 30 tool holders and max 12 tools as option. Owing to the ATC technology, productivity can be dramatically improved.
- Heavy duty body frame with fully welded steel construction contributes to high rigidity.
- It incorporates high quality motion components: SYNTEC 6MA WinCE-based control system, good quality air cooled spindle motor, linear guide rail made in Taiwan, helical rack & pinion, rolling ball screw and nut from Taiwan. Consequently, it enables smooth and accurate motion, and guarantees high performance and high quality.
- Six-zone vacuum hold down table with large power regenerative blowers contribute to easy fixturing of workpiece, and each of the six zones can be controlled individually.
- Windows based 3-axis motion control system can read standard ISO G-code files, and has good compatibility with major CAM software.

Applications

- Woodworking, Custom Millwork, Cabinetry, Furniture, Channel Letters, Sign Making, Educational, Model Making, Prototyping, Countertop Production, Aerospace, Metal Working, Foam Packaging, Musical Instrument Manufacturers, Plastic Packaging Equipment Manufacturers, Store Fixtures, Boat Building, PCB Fabricators, Safety Enclosures, Engraving, Knife Template Manufacturing, Fan Blade Manufacturers, Gun Stock / Pistol Grip Manufacturers, Artistic Carvings, Name Tags, Puzzles, MDF Doors
- Applicable materials: solid wood, soft wood, composite wood, MDF, acrylic, PVC, aluminum, copper, Machinable Wax, Vinyl Coated Panels, Fiberglass, Magnetic Rubber Mats, Composites, Leather, Wood Veneers, G10, Modeling Clay.

| Specifications | |
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| XYZ Stroke | 2000 mm * 3000 mm * 210 mm |
| Precision | 0.05 mm |
| Repeatability | 0.02 mm |
| Table structure | 12-zone vacuum hold down table |
| Transmission | Helical rack & pinion drive on XY axes, rolling ball screw drive on Z axis |
| Max traverse speed | 40000 mm/min |
| Max processing speed | X/Y: 20000 mm/min Z: 10000 mm/min |
| Spindle motor | HQD 380V 9KW air cooled automatic tool change spindle motor: ER32 |
| RPM | 6000 - 18000 RPM |
| Capacity of magazine | Carousel type tool magazine with 8-12 tools |
| Drive | DELTA brushless AC servo |
| Control system | NC Studio NK-260 integrated WinCE based 3-axis CNC motion controller |
| Weight | 2300KGS |