

ACRA ADT-A600 CNC PRODUCTION CENTER



DESCRIPTION:

The ACRA ADT-A600 CNC Production Center Are Ultra-Fast And Precise Vertical Milling Machines With Quick Arm Type Tool Changer. Built On A Rugged Frame With Quality Craftsmanship, This Machine Is Ideally Suited For High Production Of Accurate Milling, Boring, And Drill/Tap Operations, Accuracy, Speed, And Reliability Are Achieved By The Combination Of Widely Spaced And Double Anchored Linear Guide Rails Aboard Ribbed Meehanite Casting, Thermal Controlled Ballscrews, Direct Coupled Spindle Motor, And Single Source And Matched Control, AC Servo And Spindle Motors, And AC Digital Drives.

STANDARD ACCESSORIES:

- Toolbox & Tools
- Auto Lubrication System
- Coolant System And Tank
- Work Light
- Spindle Oil Cooling Device
- Leveling Bolts And Pads
- Heat Exchanger
- Alarm Light
- Air Blow System

OPTIONAL ACCESSORIES:

- Transformer
- Chip Conveyor
- CNC Rotary Table

CONTROLLER FUNCTIONS:

- Rigid Tapping
- Least Input Increment - 0.001mm (0.0001")
- Tape Mode RS-232C Interface
- Program Storage - Fanuc-80m Mitsubishi-600m
- Tool Length Compensation - G43, G44/49
- Cutter Compensation - G39~G42
- Number Of Tool Offsets - Fanuc-32 Set Mitsubishi-200 Set
- Inch/Metric Conversion - G20/G21
- Work-Piece Coordinate - Fanuc-6 Sets Mitsubishi-54 Sets

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| SPECIFICATIONS | | ADT-A600 |
|-------------------------------|------------------------|--------------------------|
| TABLE | Table Overall Size | 27.6" x 16" |
| | T Slots (No./ Pitch) | 3 / 3.93" |
| | Max. Table Load | 550 LBS |
| TRAVELS | X Axis | 23.6" |
| | Y Axis | 15.75" |
| | Z Axis | 18" |
| | Spindle to Column | 19.3" |
| | Spindle to Table | 7" - 25.2" |
| SPINDLE | Type | Direct Coupled Cartridge |
| | Taper | BT-40 |
| | RPM | 8,000 (12,000 Opt.) |
| | Rigid Tap | Up to 3,000 RPM |
| | Motor | 11 HP |
| FEED RATES | Rapid X, Y, | 2,835 IPM |
| | Rapid Z | 2,362 IPM |
| | Cutting Feedrate | 0.04 - 197 IPM |
| ACCURACIES | Positioning | ± 0.0002 " / 12" |
| | Repeatability | ± 0.0001" |
| AUTOMATIC TOOL CHANGER | Index Time (Tool/Tool) | 1.2 SEC |
| | Index Time (Chip/Chip) | 1.8 SEC |
| | No. Of Tools | 24 + 1 |
| | Type Tool Changer | Arm, Side Mount |
| | Max Tool Dia. | 3.15" |
| | Adjacent Tool Max Dia. | 2.75" |
| | Max Tool Weight | 11 LBS |
| MOTORS | X / Y Motor | 2.7 HP |
| | Z Motor | 4.7 HP |
| | Coolant | 0.5 HP |
| OVERVIEW | Net Weight | 9,481 LBS |
| | Footprint | 74" x 88" x 93" |
| | Power | 20 KVA |
| | Air Required | 80 PSI |

NOTE! The manufacturer reserves the right to modify the design, specifications, & mechanisms to improve the performances of the machines without notice. All specifications above are for your reference only.