

## ACRA ADT-S600 CNC PRODUCTION CENTER



### DESCRIPTION:

The ACRA ADT-S600 CNC Production Centers Are Fast And Precise Vertical Milling Machines With A Swing Table, Hi Speed Traveling Column, And Quick And Dependable Tool Changer. Built On A Rugged Frame With Quality Craftsmanship, This Machine Is Ideally Suited For Multiple Part Set Up And 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; Direct Coupled Spindle Motor; Rugged Halo Type Tool Changer, And Single Source And Matched Control, AC Servo And Spindle Motors, And Digital Drives.

### STANDARD ACCESSORIES:

- Toolbox & Tools
- Auto Lubrication System
- Coolant System And Tank
- Work Light
- Leveling Bolts And Pads
- Heat Exchanger
- Alarm Light
- Air Blow System
- Operational Manual+Partilist
- 180 Degree Swing Table

### OPTIONAL ACCESSORIES:

- Transformer
- Chip Conveyor

### 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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**ACRA ADT-S600 CNC PRODUCTION CENTER**

SPECIFICATIONS		ADT-S600
TABLE	Index Time	5 SEC
	Table Overall Size	34" x 15.75" (x 2)
	Max. Table Load	550 lbs (x 2)
TRAVELS	X Axis	23.6"
	Y Axis	15.75"
	Z Axis	18"
	Spindle to Column	16.3"
	Spindle to Table	5.5" - 23.6"
SPINDLE	Type	Direct Coupled Cartridge
	Taper	BT-40
	RPM	8,000 (12,000 Opt.)
	Rigid Tap	Up to 3,000 RPM
	Motor	7.5 HP (11 HP Opt.)
FEED RATES	Rapid X, Y,	945 IPM
	Rapid Z	630 IPM
	Cutting Feedrate	0.04 -197 IPM
ACCURACIES	Positioning	± 0.0002"/ 12"
	Repeatability	± 0.0001"
	Table Repeatability	± 0.0002"
AUTOMATIC TOOL CHANGER	No. of Tools	12 (24 Opt.)
	Type Tool Changer	Halo (Arm Type Opt.)
	Index Time (Tool/Tool)	3 SEC
	Index Time (Chip/Chip)	5 SEC
	Max Tool Weight	7.7 LBS
MOTORS	X/Y/Z Motor	2.66 Hp (1.88 Hp FANUC)
	Coolant	0.5 HP
OVERVIEW	Net Weight	13,224 LBS
	Footprint	75" x 128" x 103"
	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.