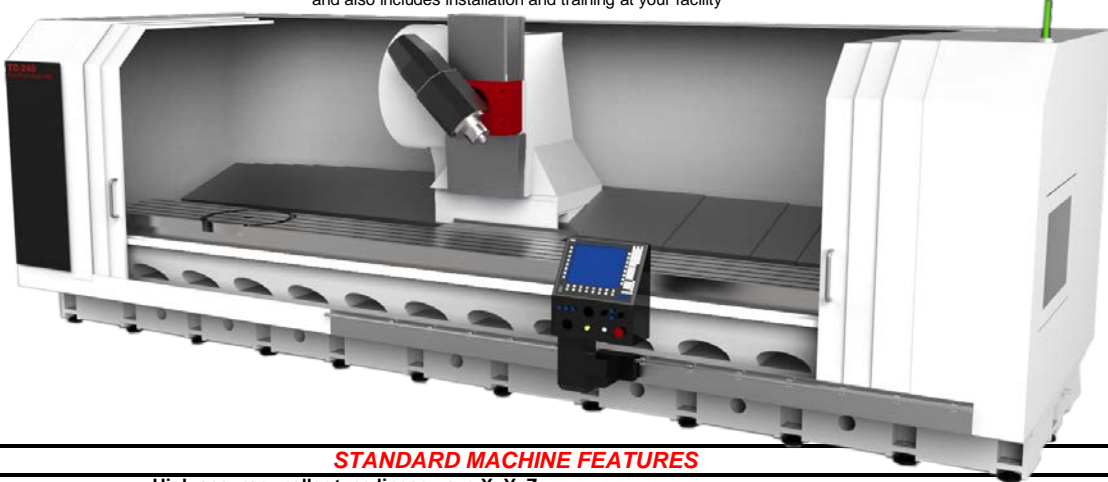


TC-120V SPECIAL VALUE

Brand new overstock TC-120 is special priced to move fast. This TC-120 is fully configured for 5 axis work. It features a heavy duty 40 HP spindle that can tilt up to 110 degrees in either direction. Includes a Siemens 840D 5 axis CNC with G code and conversational programming. Thru spindle coolant, conveyor, wash down system, auto door. Brand new with full factory warranty and also includes installation and training at your facility



STANDARD MACHINE FEATURES

- High accuracy roller type linear ways X, Y, Z
- Full guarding including top enclosure
- 24 tool high speed arm type ATC
- 1,200 IPM rapid feedrate
- Extra large 150mm 8,500 RPM CAT 40 spindle
- Flood coolant system
- C3 grade double nut ball screws with class 7 bearings
- High speed rigid tapping with peck feature
- Power failure protection
- High intensity LED work lamps
- All axes laser calibrated & ballbar verified
- One year warranty

STANDARD CONTROL FEATURES -TOUCH 2200 CNC- SIEMENS 840D

- 15" Touch Screen high resolution monitor
- Simple menu programming - no codes of any kind
- G code editor runs Fanuc or Haas G code
- Concurrent verify makes programming faster and easier
- Solid model part verification shows entire part being cut
- Handwheel run feature makes proving out programs safer
- Simple tool management - increases productivity
- 3 MB part program storage
- USB port for easy file transfers
- Siemens High Speed all digital control system - Ultra reliable
- Siemens Absolute encoders - no homing required
- Siemens Digital motors, drives and cables
- Automatic part & tool probe cycles
- 99 work offsets and 99 tool offsets
- Coordinate, rotation and scaling
- User defined macros with 500 variables

EQUIPPED WITH:

	FRYER TC-120V CNC VERTICAL TRAVELING COLUMN MACHINE	\$	199,980.00
	<ul style="list-style-type: none"> • TRAVELS: 120" x 32" x 28" • TABLE SIZE: 31" x 120" • 24 STATION TWIN ARM HIGH SPEED TOOL CHANGER 		
OPT-4151	CHIP CONVEYOR SYSTEM TC SERIES	\$	13,900.00
OPT-4153	FULL MACHINE GUARD TC SERIES	\$	19,950.00
OPT-9008	AUTO DOOR MECHANISM	\$	8,950.00
OPT-2016	TILTING SPINDLE Features CAT-40 Big Plus spindle with 40 HP peak rating and 18,000 RPM max speed. High accuracy roller cam driven B axis has rotational range of +/- 110 degrees. Also includes special traveling ATC assembly that moves ATC out of the range of the head.	\$	49,950.00
OPT-4242	5 AXIS SPECIAL FUNCTION PACKAGE Package includes Rotary Tool Center Point Compensation (TRAORI command) and 3D tool nose compensation both of which make it easier to program minor changes to size of the part without having to repost a new program. Also included is the 3D high speed machining package described above.	\$	4,950
OPT-2213	350 PSI COOLANT THRU SPINDLE SYSTEM High pressure, adjustable 100- 350 PSI thru spindle coolant system. Includes high volume 8 gallon / minute pump and 10 micron replaceable filter. Features full pressure even with tool coolant holes up to .200" diameter.	\$	6,950.00
OPT-4346	EXTENDED 32" Y TRAVEL	\$	19,950.00
OPT-9098	FACTORY INSTALLATION AND TRAINING	\$	9,500.00

MACHINE LIST PRICE \$ 334,080.00

SPECIAL DISCOUNT \$ (65,000.00)

SPECIAL VALUE PRICE \$ 269,080.00

ADDITIONAL AVAILABLE OPTIONS

OPT-9002	NIKKEN 302 CNC 4th AXIS ROTARY TABLE WITH HEAVY DUTY FACEPLATE TYPE TAILSTOCK	\$	26,500
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NOTES:

VOLTAGE	380-500 VAC 3 PHASE STANDARD
TERMS	30% DOWN, 60% PRIOR TO SHIP, BALANCE 15 DAYS FROM SHIP
WARRANTY	1 YEAR Exclusions apply, see full warranty statement.
SHIPPING	FOB PATTERSON, NY USA

QUOTE VALID FOR 30 DAYS. FRYER RESERVES THE RIGHT TO CORRECT PRICING OR TYPOGRAPHICAL ERRORS.
 PRICING, TERMS & WARRANTY FOR USE IN USA. CONTACT FACTORY FOR INTERNATIONAL INFORMATION.
 ALL FRYER MACHINES ARE PROUDLY BUILT IN THE USA.



Precision Built Solutions™

SPECIFICATIONS

TC-V SERIES

		TC-40V	TC-80V	TC-120V	TC-160V	TC-240V	TC-320V
MACHINE CAPACITY	X Travel	40"	80"	120"	160"	240"	320"
	Y Travel	26"	24" (32")				
	Z Travel	28"	24" (28")				
	Table Load (Evenly Distributed)	8,000 lbs	8,000 lbs	10,000 lbs	10,000 lbs	14,000 lbs	18,000 lbs
	Table Size	60" x 24"	80" x 24"	120" x 24"	160" X 24"	240" X 24"	320" x 24"
	T-Slots (No./Width)	5 / .787"					
	Table Top to Floor	38"					
SPINDLE	Motor (Peak)	30.0 HP (40.0 HP Optional)					
	Spindle Speed (RPM)	60 - 8,500 RPM (6K, 10K, 12K, 15K Optional)					
	Spindle Torque	155 ft/lbs @ 350 RPM (204 ft/lbs w/opt 40 HP motor; 800 ft/lbs w/ opt 40 HP motor & gearbox)					
	Tool Type/Taper	CAT 40 (CAT-50 Optional) (BT)					
	Spindle Nose to Table (Max-Min)	30" - 2"	28" - 4"				
	Spindle Center to Column	28"	24" (32")				
ATC	Tool Storage Capacity	24 Station Arm Type (30 and 40 tool optional)					
	Tool Change Time	3.0 seconds (4 sec 50 taper)					
	Tool Change Time Chip to Chip	4.0 seconds (6 sec 50 taper)					
	Max. Tool Diameter(full)	3.20" (5.90" 50 taper)					
	Max. Tool Dia (adjacent empty)	6.25" (9.50" 50 taper)					
	Max. Tool Weight	15.4 lbs. (30 lbs 50 taper)					
	Max. Tool Length	13" (16" 50 taper)					
PERFORMANCE	Positioning Accuracy	+/- 0.0002"				+/-0.0003"	
	Position Repeatability	+/-0.0001"				+/-0.00015"	
	X Axis Drive Type	Ballscrew				Rack and Pinion	
	Rapid Traverse	1,000 X,Y, Z					
	Cutting Feed Rate	.001 - 600 IPM					
	Servo Type	AC Digital Brushless					
	Axis Thrust (Peak)	4,955 lbs. X, Y, Z					
GENERAL INFORMATION	Air Pressure Requirements	90 PSI - 5 CFM					
	Coolant Capacity	100 Gallons					
	Coolant Flow	5 GPM					
	Power Requirements	40 AMP 400 - 500 VAC 3 PHASE (80 amp)					
	Operating Dimensions (WxDxH)	160"x138"x118"	200"x138"x118"	245"x138"x118"	310"x138"x118"	375"x138"x118"	440"x138"x118"
	Machine Weight	30,000 lbs	32,000 lbs	34,000 lbs	40,000 lbs	46,000 lbs	50,000 lbs

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* Requires some disassembly to meet these minimum dimensions. Contact factory for more information.