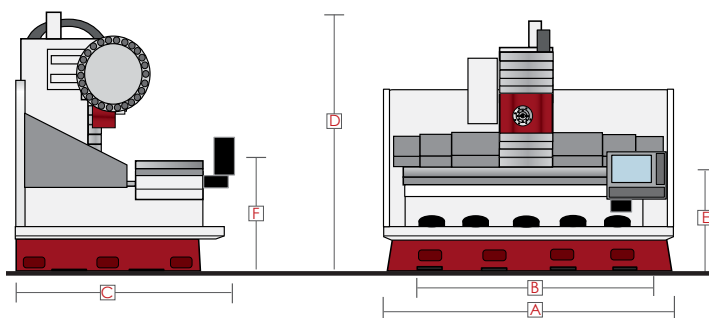


TC-H SERIES SPECIFICATIONS		TC-40H	TC-80H	TC-120H	TC-160H	TC-240H	TC-320H
MACHINE CAPACITY	X Travel	40"	80"	120"	160"	240"	320"
	Y Travel	24" (32")					
	Z Travel	24" (32")					
	Table Load (Evenly Distributed)	8,000 lbs.	8,000 lbs.	10,000 lbs.	10,000 lbs.	14,000 lbs.	18,000 lbs.
	Table Size	40" x 24"	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 HP (Peak)	30.0 HP					
	Spindle Speed (RPM)	60 - 8,500 RPM (10K, 12K, 15K Optional)					
	Spindle Torque (max)	155 ft/lbs (800 ft/lbs w/opt gearbox)					
	Tool Type/Taper	CAT 40 (CAT 50 Optional) (BT Optional)					
	Spindle Nose to Table (Max - Min)	28" - 4" (40" - 4")					
	Spindle Nose to Table Center	10" - 28" (10" - 26")					
ATC	Tool Storage Capacity	24 Station Arm Type (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)					
PERFORMANCE	Max. Tool Length	13" (16" 50 taper)					
	Positioning Accuracy	+/- 0.0002"	+/- 0.0002"	+/- 0.0002"	+/- 0.0003"	+/- 0.0003"	+/- 0.0003"
	Positioning Repeatability	+/- 0.0001"	+/- 0.0001"	+/- 0.0001"	+/- 0.00015"	+/- 0.00015"	+/- 0.00015"
	X Axis Drive Type	Ball screw	Ball screw	Ball screw	Rack & Pinion	Rack & Pinion	Rack & Pinion
	Rapid Traverse	1,000 X,Y, Z					
	Cutting Feed Rate	.001 - 600 IPM					
GENERAL INFO	Servo Type	AC Digital Brushless					
	Axis Thrust (Peak)	4,955 lbs. X, Y, Z					
	Air Pressure Requirements	90 PSI - 5 CFM					
	Coolant Capacity	100 Gallons					
	Coolant Flow	5 GPM					
	Power Requirements	35 AMP 400 - 500 VAC 3 PHASE (80 or 125 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.



	TC-40H	TC-80H	TC-120H	TC-160H	TC-240H	TC-320H
Overall Width (A)	160"	200"	245"	310"	375"	440"
Table Width (B)	40"	80"	120"	160"	240"	320"
Overall Depth (C)	138"	138"	138"	138"	138"	138"
Overall Height (D)	118"	118"	118"	118"	118"	118"
Table Height (E)	38"	38"	38"	38"	38"	38"
Console Height (F)	62"	62"	62"	62"	62"	62"
Approx. Weight	30,000 lbs.	32,000 lbs.	34,000 lbs.	40,000 lbs.	46,000 lbs.	50,000 lbs.

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

© 2025 Fryer Machine Systems, Inc. rev 110425
Specifications subject to change without prior notice.