

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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T-Tech, Inc.

Text Menu

Use 'Landscape' Mode for best printing results.

Quick Circuit Specifications					
	QC Model HF	QC Model 5000		QC Model 7000	
Model		Standard	HS	Standard	HS
Spindle	3-Phase AC 100,000RPM motor with 1/8" collet	Brushless DC Motor	3-Phase AC HF motor with 1/8" collet	Burshless DC Motor	3-Phase AC HF motor with 1/8" collet
Spindle RPM Range	5,000 to 100,000 RPM software controlled	8,000 to 23,000 RPM software controlled	5,000 to 60,000 RPM software controlled	8,000 to 23,000 RPM software controlled	5,000 to 60,000 RPM software controlled
Minimum Drill Hole Size	0.200 mm (0.008")	0.330 mm (0.013")	0.200 mm (0.008")	0.330 mm (0.013")	0.200 mm (0.008")
Traverse Speed	2 m (80") / min	1.524 m (60") / min	2 m (80") / min	1.524 m (60") / min	2 m (80") / min
Milling/Contour Route Speed	Adjustable from 25.4 cm (1")/ min up to traverse speed				
Machine Weight	61 kg (135 lbs.)	19 kg (42 lbs.)	29 kg (64 lbs.)	41 kg (90 lbs.)	51 kg (112 lbs.)
Work Area	254 x 330 mm (10" x 13")			330 x 480 mm (13" x 19")	
Machine Dimensions	559 W x 635 L x 495 H mm (22" x 25" x 19.5")	390 W x 430 L x 255 H mm (15.3" x 17" x 9.75")		480 W x 710 L x 260 H mm (19" x 28" x 10")	
Resolution	0.006 mm (0.00025")				
Repeatability	0.006 mm (0.00025")				
Registration Hole Precision	<0.020 mm (0.0008")				
Minimum Trace Width	0.100 mm (0.004")				

Minimum Engraving Width	0.100 mm (0.004")		
Tool Size	3.175 mm (0.125") shank diameter, 38.1 mm (1.5") length		
Tool Change	Semi-automatic		
Depth of Cut Sensing	Semi-automatic mechanical		
X/Y Axis	Precision stepper motors, half-stepping drive, precision lead screws and bearings		
Machine Table	Solid cast aluminum, precision ground, 12.7 mm (0.500") thick		
Power Supply	115 or 230 Volt, 50-60 Hz	100-240 Volt, 50-60 Hz	
Compressed Air Supply	Minimum of 80 PSI and 3.75 SCFM		
	HF Systems	Standard Systems	Z-Air Systems
Z Axis	Pneumatic activated, speed controlled 16 mm (0.625") movement	Solenoid activated, pulse width modulated, 16 mm (0.625") movement	Pneumatic activated, speed controlled, 16 mm (0.625") movement
Drilling Stroke Speed	90 strokes / minute	80 strokes / minute	90 strokes / minute
Popular applications	• RF/Microwave Protoypes • Surface Mount Prototypes • Depaneling Production Circuit Board		
	IsoPro Software Specifications		
Computer Requirements	Required: IBM compatible PC with 486/66MHz processor and 32 MB RAM or higher and with an available serial port. Recommended: Pentium III/1.0GHz processor with 256 MB RAM. Also recommend 1GB of free disk space and SVGA or better video card.		
Features	• Creates milling paths that isolates circuits. Redundancies between multiple milling paths can be removed. • Maintains component, drill and mirrored solder layers. • Maintains drill and aperture tables. • Imports the following industry standard file formats: Gerber Excellon Drill HPGL DXF		

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- Provides CAD editing features for last minute changes to circut before isolation and milling.
- Gerber viewing and editing.

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<tr><td>Operation Systems</td><td colspan="2">Windows 9x/NT/2000/ME/XP</td></tr>
<tr><td></td><td colspan="2">Clients with Multiple Quick Circuit Systems Include:</td></tr>
<tr><td></td><td>

- AT&T Bell Labs
- Delco
- George Washington University
- Hewlett Packard
- Honeywell
- IBM

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- Lockheed
- Motorola
- MIT
- NASA
- U.S. Army, Navy, and Air Force

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