



Camtron Inc.

Precision CNC Machining and EDM

Unsurpassed Quality and Service Since 1992



ITAR Registered



Precision Zeiss
Metrology with
Calypso Software



Precision CNC Machining and EDM

Tel: 972-994-0000

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Camtron Inc.
Contact: David Stout—Owner

3101 Summit Ave. Ste 300
Plano, TX 75074

Phone: 972-994-0000

Fax: 972-994-0001

E-mail: David@camtroninc.com

Website: www.camtroninc.com

Summary

- Tier one supplier in the defense industry for complex parts
- Moving to 70,000 square foot facility in 1st quarter of 2014
- 2 shifts with 30+ employees
- Siemens NX CAD/CAM
- 9 Programmers for quick prototype turns
- 32 CNC Lathes, Mills and EDMs
- 6 Five-Axis Machines
- 3 Precision Zeiss CMMs
- In-house stress relieve and thermal cycling
- DPT—Diamond Point Turning
- ITAR registered
- Fully air-conditioned and heated

5 - Axis Milling Centers

Kitamura (Qty 3)	Mytrunnion	32" x 29" x 19"	Ultra High Precision Vertical Machining Center
Kitamura (Qty 2)	MyCenter HX300if w/5-Axis Option	20.1" x 20.1" x 19.3"	
Kitamura (Qty 1)	MyCenter HX400iSII w/5-Axis Option	24"x24"x24"	

Horizontal Milling Centers

Kitamura (Qty 3)	MyCenter HX300if	20.1" x 20.1" x 19.3" 4-Axis	
Kitamura (Qty 1)	MyCenter HX400if	28.9" x 24" x 24" 4-Axis	
Kitamura (Qty 1)	MyCenter HX1000i	80" x 52" x 50" 4-Axis	

Vertical Milling Centers

Kitamura (Qty 5)	3XIF	30" x 18" x 18.1"	20,000 RPM High Speed Machining
Kitamura (Qty 2)	1XI	20" x 14" x 18.1"	(1) w/Pallet Shuttle
Mitsubishi (Qty 1)	M-V70E	49.2" x 24.6" x 25.6"	
Leadwell (Qty 2)	V-30	29.9" x 16.1" x 18.1"	
Leadwell (Qty 1)	V-40	40"x20"x24"	

Turning Centers

Miyano (Qty 1)	BNE-51SY	9 Axis 6"/4" (Dual) Spindle 2"/1-5/8" Bar Upper and Lower Turret Live Tooling	
Hyundai/Kia (Qty 1)	SKT15LMS	6" Chuck /1.75" Bar w/Sub Spindle and Live Tooling and Bar Feeder	
Leadwell (Qty 1)	T-8	10" Chuck/3" Bar (1)	
Leadwell (Qty 1)	LTC-20CP	10" Chuck/2.625" Bar	
Hitachi Seiki (Qty 1)	TS15	6.5" Chuck/1.75" Bar and Bar Feeder	

Wire EDM

EDM Wire (Qty 1)	Mitsubishi QA10	13.7"x9.8"x8.6"	.002" - .012"
EDM Wire (Qty 1)	Mitsubishi FA10S	13.7"x9.8"x8.6"	.004" - .012"
EDM Wire (Qty 1)	Mitsubishi FX10	13.7"x9.8"x8.6"	.008" - .012"
EDM Wire (Qty 1)	Mitsubishi FA10 Advance	13.7"x9.8"x8.6"	.004" - .012"

Sinker EDM and Hole Popping

EDM Sinker (Qty 1)	Mitsubishi EA8	11.8"x9.8"x9.8"	3R Macro Tool Changer
Hole Popper (Qty 1)	Mitsubishi ED-2000M	11.8"x7.8"x7.8"	.006" - .118" Electrodes

DPT- Diamond Point Turning/Precision Lathe

Nanotech (Qty 1)	450UPL (Ultra Precision Lathe)	18" Swing	
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Inspection Equipment

Zeiss CMM (Qty 1)	Spectrum 700	22.8"x27.6"x22.8"	Calypso Software with indexing head
Zeiss CMM (Qty 1)	Contura G2 HTG	50"x71"x24"	Calypso Software with Surface Scanning
Zeiss CMM (Qty 1)	Micura	20"x20"x20"	Calypso Software with Surface Scanning
Mitutoyo CMM (Qty 1)	BH305	12"x20"x12"	Manual Programmable
Nikon Vision (Qty 1)	VMR-1515	5.9"x5.9"x5.9"	Programmable
Zygo (Qty 1)	Verifire XPZ		Phase Measuring Interferometer

Additional Capabilities

Manual Mills, Lathes, Grinders and Hone

Environmental Chambers

Temp Range (-95 F to 250 F) 30"x30"x30"

Thermal Chambers

Temp Range (ambient to 1300 F) 36"x36"x64"

Thermal Quenching (UCON A or Polyglycol)