

CQT WEAPON SYSTEMS

ENGINEERED OEM SOLUTIONS PROVIDER

Using the latest in manufacturing technology and state of the art software we strive for excellence, performance and value in each and every part we produce. The depth and range of production capabilities makes us a preferred partner in manufacturing.



Services

Engineering and Prototyping Services

- Engineering Services
- Industrial Design
- Computer Aided Design (CAD)
- Controls and Software Development
- Electronic System(s) Design
- Fixture Design
- Prototype Build
- Production and Inventory Control
- Non-Conformance Process
- First Article Inspection
- Gage Design
- Measurement Systems Analysis
- Assembly
- Fabrication
- Machining
- Electronics
- Product Support
- Field Service Support
- Low Rate Production
- High Volume Production
- Cerakote® Application
- 3D Printing
- Laser engraving

Equipment and Technology

Machine Tools & Equipment

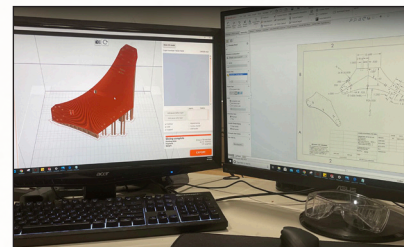
- 3 Axis Haas VF4 CNC Machine
- 4 Axis Mazak Horizontal CNC Machines with Pallet Changers
- 5 Axis Mazak Vertical CNC Machine
- 7 Axis Citizen Swiss Lathe
- 7 Axis Nexturn SA20B Swiss Lathe
- 9 Axis Doosan Puma mx2600st Mill/Turn
- Mazak CNC Quick Turn 250 Lathe
- Omax Waterjet Table
- Precihole Complete Barrel Cell
- Hydmech Saw H230A
- 2 - Doosan DNM5700 w/twin z axis
- Accutex AP 6040A EDM

Machine Tools & Equipment

- Epilog M42 Fusion Laser
- Trotec Speed Marker 1300 Fiber Laser
- Manual Bridgeports and Gunsmith Lathes
- Cerakote Services with Paint Booth and Ovens
- Welding Services TIG/MIG

Software

- Solidworks
- Fusion
- Esprit
- Solidcam
- Mastercam



Barrel Solutions

BARREL BLANKS

Barrel blanks are available in an assortment of calibers, lengths and twist rates. All barrel blanks are precision drilled, reamed and rifled.

RIFLE BARRELS

- 4140, 4150 and 416 Stainless Steel
- Available up to 24"
- Standard Finish Profile
- Custom designed profile solutions available

PISTOL BARRELS

- 416 R Standard
- Custom Specified Material Selection
- Available in semi-finished or finished to customer drawing specifications
- Threaded Barrels

Spec. of barrel	.223/5.56	300 AAC Blackout	9 mm
Barrel blank OD	1.00"	1.25"	1.25"
Material	4150	4150	4150
Barrel Length	7.5", 10.5", 14.5", 16"	10.5", 16"	10.5", 16"
No. of Grooves	5	5	5
Twist Rate	1: 7"	1: 7"	1: 10"
LH or RH	RH	RH	RH
Bore diameter	.220"	.306"	.352"
Groove Diameter	.223"	.310"	.356"
Groove Width	.101"	.146"	.153"

Export laws may restrict the sale of products. Please contact us for further information and to obtain a quote for barrel blanks

Firearm Components

CQT Weapon Systems is a complete solutions provider for the firearms industry. From barrel blanks to small parts, all of our products are designed and engineered in house. We have a fully staffed engineering department that can work with you to take your design requirements and specifications and bring it into production.

AR PLATFORM - Standard Parts

- Billet 7075 Upper Receiver
- Billet 7075 Lower Receiver
- Standard Charging Handle
- Ambi Charging Handle
- Standard Ambi Safety Selector
- Ambi Safety Selector
- Lower Parts Kit - Builder Kits & Bulk Packs
- Drop In Trigger
- QD Sling Plate
- QD M-LOK Mount
- M-LOK Pic Rail - 1", 3", 5"

PISTOL

- Slide Modifications
- Complete Slide
- Trigger to Customer Design
- Extended Magwell to Customer Design
- Custom Solutions
- Guide Rod Systems
 - Tungsten Guide Rods
 - Deadpoint Lights Guide Rods
- Extended Magazine Base Plates
- Thread Protectors
- Extended Controls

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CQT Past Performance Examples:

CQT Weapon Systems creates detailed engineering drawings for custom weapon platforms, ensuring all aspects meet military standards and facilitating seamless transition to production. CQT Weapon Systems can provide engineering services that are not limited to the following: small arms, vehicle mounted systems, unmanned vehicles,

Core Competencies:

- Weapons Engineering and Manufacturing
- Drone Design and Build
- Target Creation
- Vehicle Development
- Virtual Reality Training Equipment
- Target Design and Creation for Small and Large Caliber Ammunition
- Autonomous Vehicle Target Systems
- Fort Benning Target Design and Build
- Environmental Solutions Engineering and Manufacturing

Technologies we have had a pleasure to be affiliated with past performance:

- General Dynamic
- Lockheed Martin
- US Dept of State
- US Army
- US Navy
- US DOD
- EOS
- ECO SPHERE
- RAFAEL U.S.A.
- KONGSBERG

- DEPARTMENT OF HOMELAND SECURITY

TO GET STARTED

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