

Making Titanium Affordable.

# Who We Are

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- Titanium Technology Company
- We Make Titanium Products Affordable

# Our Specialty: Affordable Titanium

- 45% Lighter than Steel
- Impervious-to-Corrosion
- 200% Stronger than Steel
- Highest Strength-to-Weight Ratio
- Minimum 2X Durability vs. Other Metals
- Greater Yield (Doesn't fracture like aluminum)



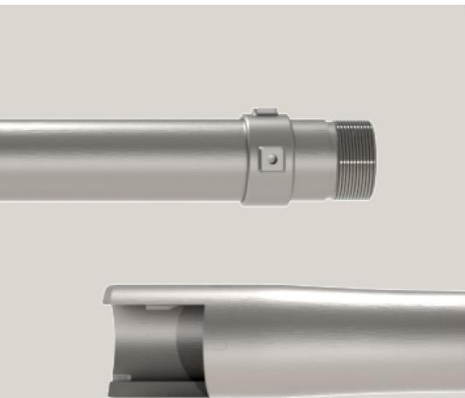
**Industry: ARMS**

**33%**  
LIGHTER  
THAN COMPARABLE  
12G AND AR-15 ARMS

# ARMS PRODUCTS



**2X MORE  
DURABLE**  
IMPERVIOUS-TO-CORROSION



**45%**  
LIGHTER  
THAN STEEL BARRELS



# Titanium M4/AR-15 Tactical Rifle





# Titanium Personal Defense Weapon

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# Titanium Pump Shotguns





# Titanium M203 Grenade Launcher



- 25% lighter than solid aluminum units
- Impervious-to-Corrosion
- 2X more durable
- Easier carry & comfort
- Frees weight-capacity for other items
- Faster target acquisition & tracking
- Increased endurance & related accuracy
- Minimized care & maintenance
- Mountable or stand-alone



**Industry: DRONES**



## UAS / Drones

### A. UPGRADE DRONE STRUCTURE

- stronger & more durable existing drones

### B. NEW MODULAR DRONE

- One drone design with modular defense/attack platforms

### A. MODULAR ENHANCEMENTS for Drones

- Add defense/attack capabilities to commercial drones

# A. UPGRADE DRONE Components

- Titanium Structure, Propellers, Motors
  - For Increased Reliability, Survivability, Reusability
- Light 1lb drones poor defense/attack choice
  - Limited weight, power, durability, range, payload
  - Poor survivability

## B. New Modular Drone

- Create single design drone
- Modular defense/attack capabilities
- Change module for mission vs. changing drones
- Titanium provides strength & lightweight to carry titanium armaments whether non-lethal or lethal

# Drone Soldier vs. Surveyor

- Why just See your enemy
- See, Defend, Attack
- Drone WILL be full extension of the soldier
- Lethal/non-lethal modules
- Only titanium modules light enough



## C. MODULAR ENHANCEMENT

- Fastest to enhance existing commercial drone.
- Always have best available flying machine
- Drone tech rapidly changes
  - MIT's released optimization software for cost, payload, range etc.

# MODULAR OPTIONS

## NON-LETHAL

- Saw Toothed Propellers & Rigid Structure
- M203 Net grenade launcher (1-2 rounds)
- Foam Air Stream - CO2 canisters shoot liquid that chemically reacts, foams, & hardens. (20 Rounds, 2 barrels)
- .22LR Shot - shoots low caliber pellets (60 rounds, 2 barrels). Pellets have short range and fall harmlessly to the ground

## LETHAL

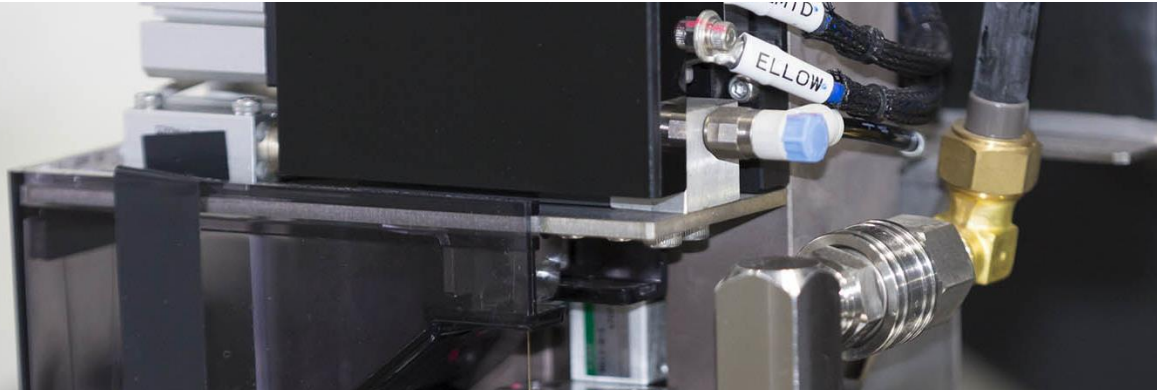
- M4 Rifle Platform 7" (60 rounds, 2 barrels)
- M203 Grenade Platform(2 rounds, 2 barrels)
- M4 & M203 combo



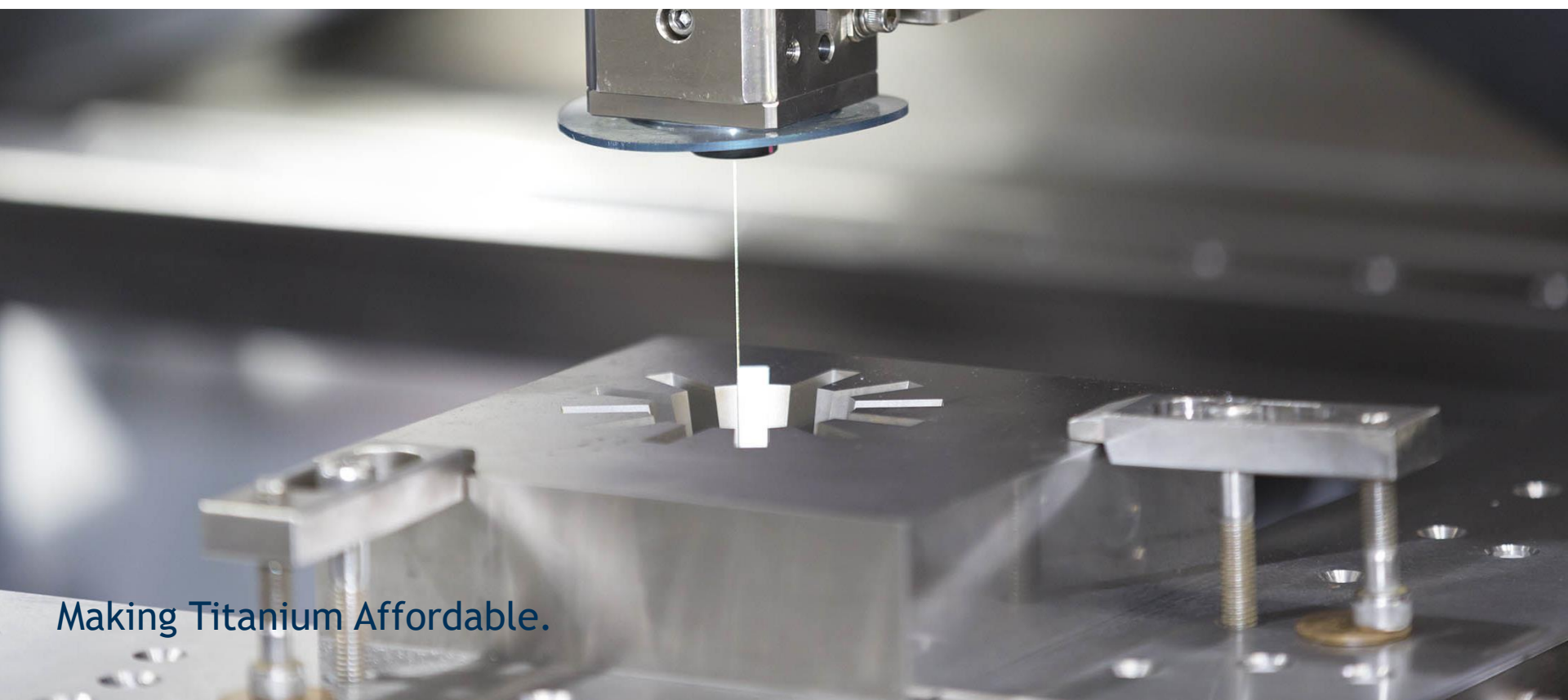
# MORE OPTIONS

## MODULARITY COMBOS

- As drones improve, just move platform vs. whole new drone
- Attach mission specific platform
- Multi-purpose, Multi-Mission modularity
- Recon...Camera, Anti-Drone Defense...22LR Shot, Attack...M4



**TillerATI** a Tiller group Company



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