



BRAND STORY

Founded in 1996 in Taiwan, ORA Engineering began as a titanium specialist in the cycling industry, where we perfected the art of balancing structural performance, material properties, and refined aesthetics. Today, our 35,000 ft² state-of-the-art manufacturing facility specializes in titanium and high-performance steel processing, advanced CNC machining, and custom solutions for demanding applications - from high-performance cycling to marine, and firearms sectors. Let's explore the possibilities together.

**ENGINEER YOUR NEXT
INNOVATION WITH US**

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ORA ENGINEERING

**ADVANCED MANUFACTURING
FOR PREMIUM COMPONENTS**

SUSTAINABILITY & SOCIAL IMPACT AT ORA

At ORA, we blend eco-innovation with social responsibility. Our operations recycle water, minimize waste, and optimize energy use. We're committed to nurturing talent, offering internships to underprivileged and hearing-impaired students, and supporting community welfare. Led by our female GM, we ensure a fair, inclusive workplace. Join us in making a difference.

BRAND CORE VALUES



ORIGINAL

As a pioneer in the industry, we have overcome challenges through innovation.

RELIABLE

We stand behind what we make with lifetime serviceability and dependable result approved by major brands.

ADVANCED

The core to evolve with new technology has never changed for the past 30 years.

TITANIUM PROCESSING

Our specialized titanium fabrication includes:

- Custom tube manufacturing
- Complex geometries
- Advanced surface finishing:
 - Titanium anodizing (30-200 nm coating thickness)
 - Controlled sandblasting
 - Laser etching with custom color marking
 - Brushed finishing



MANUFACTURING CAPABILITIES

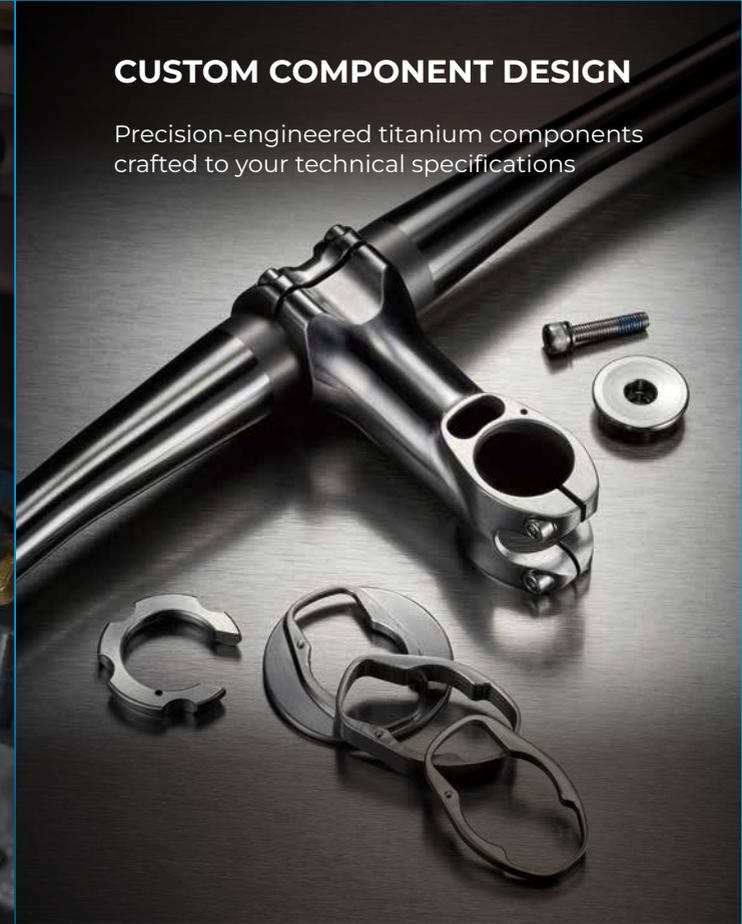
Our in-house facilities deliver precision at every step:

- Material processing with heat treatments and stress relief
- 200-ton hydraulic forging for structural components
- Casting for complex parts
- Rapid prototyping with metal 3D printing (up to 325x325x400mm)
- Custom fixture design and fabrication
- 5-axis CNC machining with $\pm 0.001''$ tolerance
- Precision welding for different materials



CUSTOM COMPONENT DESIGN

Precision-engineered titanium components crafted to your technical specifications



SIGNATURE MATERIALS

We excel in offering innovative solutions across a diverse range of premium materials. Beyond our signature materials, we also offer **Grade 2 pure titanium and aircraft-grade aluminum**. If you're interested in new materials, talk to us. We're here to tailor solutions to your needs.



3Al 2.5V
TITANIUM



6Al 4V
TITANIUM



630
STAINLESS STEEL



2205
STAINLESS STEEL



4130
CHROMOLY STEEL