

**Y** Beginning as a bicycle parts manufacturer in 2017 in Caotun Township of Nantou County (central Taiwan), Yaowei is a rising star in the CNC machining industry. The founder Mr. Pei-hui Li learned machining and lathe since he was young. With more than 20 years of experience in composite processing including turning, milling, and lathe machining, he is a diligent business owner pursuing exquisite and high precision parts. Soon after the establishment, Yaowei quickly expanded from bicycles to motor vehicles, hydraulics, hand tools, medical, aerospace, automotive parts, and special parts. They expect to go through the ISO 9001-2015 certification by yearend. "Our machining skills are recognized by many clients. The ISO certification will allow us to show our quality to more domestic and overseas customers," said Mr. Li.

One of Yaowei's features is that they can provide both OEM and ODM services. Especially in ODM, they can cater to clients' demand for "hard-to-process parts" by discussing product design in the product development phase, saving the unnecessary time wasted on both parties during the manufacturing process. Furthermore, they can offer excellent dimensional tolerances down to 0.01mm O.D. and 0.007mm I.D. while achieving high yields. Mr. Li emphasized he is particular about the products being smooth, burr-free and as close to perfect as a work of art, without scratching users' hands. For example, the dental screws they handle feel smooth without apparent lathe lines.

They use Swiss Type CNC Lathes with excellent turning and rigidity performance, and provide frequent training for employees. An ERP system is introduced to optimize the manufacturing process by digitized order processing. For quality control, they use Japanese inspection equipment from Keyence and Mitutoyo. "To me, there's only room for doing better in parts machining. Grey zones are out of the question," said Li, requiring his employees to be proficient in measurement and on-site inspection, besides using the inspection equipment as a supplement.

On Yaowei's future, Li said the way to success in today's turbulent times is to cross industry borders. The only thing unchanged is the intention he started with—to develop the market in high precision and high-end industries. ■

Article by Dean Tseng, Fastener World  
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