

pecialized in the production of construction fasteners, Alex Screw Industrial Co., Ltd. is one of the representative Taiwanese manufacturers that have been successfully exporting fasteners to advanced markets such as Europe and Japan. It specializes in the supply of special and standard products as well as small packages/boxes/bags of screws made to customers' drawings. In addition to the factories in Benjhou Industrial Park (Kaohsiung, Taiwan) with a capacity of 1,000 tons, it also has a manufacturing factory in Kunshan, China, which provides the most favorable fastening solutions based on the product attributes of customers from different markets. Although its products featuring high cost-performance ratios have firmly captured the hearts of customers over the past decades, in order to meet customers' higher demands

for quality, lead time, and cost-effectiveness, Alex Screw has been investing a great deal of effort in building a complete ERP system in its production lines in recent years, demonstrating its determination to create higher brand values for clients and grow with them together.

Smart ERP System for Simultaneous Efficiency and Quality Improvement

Alex Screw started building an ERP system many years ago, computerizing and standardizing the operation of production line and online task assignment as much as possible. By integrating various production data and customer-required parameters (such as those regarding CBAM, energy saving and carbon reduction) into the ERP system, relevant responsible personnel can immediately access to report data. On the one hand, they are able to know the actual status of the production line. Any problems can be immediately amended and corrected, and clients can track production progress in a timely manner. On the other hand, they can simultaneously monitor and control quality to ensure zero quality issues before shipping out customers' products. "Conventional production lines require personnel to copy forms by hand, which is time-consuming, labor-intensive and



prone to human errors. By introducing a smart ERP system with the addition of professional engineers fine-tuning the program, we have significantly reduced the time to send information. We can arrange production personnel according to the characteristics of each factory and can trace batches of products, completing delivery to customers more efficiently," said Anne Cherng, Sales Manager of Alex Screw.

Well-prepared for CBAM Data Reporting; Equipment Upgrade for Energy Conservation and Carbon Reduction



With most clients from Europe, Alex Screw has made full efforts to comply with CBAM requirements. They have dug an oil tank beneath the factory to recycle the oil used for threading, actively integrate the carbon emission data from collaborative surface treatment plants, and hire a consulting company to lecture relevant personnel. They also put up a team to continuously collect and calculate relevant information required for CBAM reporting, discussing with on-site personnel the best way to reduce carbon emissions, and strive to provide clients with the most complete carbon reduction data. "We started working on energy conservation and carbon reduction fairly early and we attach great importance to clients' requirements. We hope these efforts will earn us the recognition by clients not only from Europe but also emerging markets such as the Middle East," said Anne.

Eyeing Emerging Markets and Expanding Business Opportunities in the Middle East

Being optimistic about the potential of emerging markets, Alex Screw began to strengthen its presence in the Middle East a few years ago, hoping to provide emerging market clients having ever-growing demand with high-quality products and reliable services made available to Europe. More importantly, it can offer clients professional advice based on application environments and construction materials. Anne noted, "Profession and reliability are our biggest advantages. Our team continuously improve our products to do our best to meet the needs of different markets, and we continue to make breakthroughs to provide truly high-quality products. We are very optimistic about the opportunities in emerging markets, and will continue to work hard for clients to understand our expertise so as to provide the services they really need."



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