

COPA Flange Fasteners Establishes a Smart Factory Friendly to Customers, Employees and the Environment

COPA Flange Fasteners Corp. has established an environmentally friendly smart factory with modern facilities and manufacturing technology in order to supply superior quality nuts to European car manufacturing groups. Its annual export volume is around 3,000 tons. In addition, COPA values systematic management very much. Adhering to the principle of “without rules, nothing can be done,” COPA continues to improve its manufacturing procedures, internal management, work environment and quality control, in order to structuralize a logical & standards-compliant procedures, reinforce the stability of quality, and meet customers’ demands.

An Environment-, Employees-, and Quality-Friendly Smart Factory

For environmental protection, energy saving, and leading the factory to be more modernized, COPA installed in its factory oil mist collectors and optical systems, and assembled pressure sensors and first-piece quick measurement device to ensure product quality. On the other hand, COPA adopts on-line instant inspection to monitor defects of products and mixing-up of materials rather than full inspection after production. In 2019, COPA established its own smart factory and had all of its machines in the factory installed with SMB intelligent device, with an aim at promoting product quality and work efficiency.

Around 95% of COPA’s products are used for automotive fasteners, so the biggest challenge for it is how to continuously provide customers with products with stable quality and high added value. From tooling design in the preliminary phase, durability & efficiency improvement of tooling in the middle phase, to the instant monitoring and quality control in the later phase, COPA could control the costs, greatly increase the profit margin & production value, and create the best competitive edge for customers through adequate data collection and analyses.



Having Core Technology and Valuing Customers’ Demands and Confidentiality

With the advantage of having its own tooling development factory and 32 years of experience in tooling R&D, COPA has confidence in the continuous improvement in its forming technology and tooling durability, which makes customers rest assured to place orders without worrying about the leakage of their confidentiality. COPA has thus far positioned itself as a developer for customers’ demands for higher-end products. It wins the trust of customers and maintains long-term collaboration with high quality and stability.

Moreover, as the logic of manufacturing lines is a very important part to German automotive supply chain, which cares very much about automated monitoring and if semi-finished products are incorrectly mixed up with finished ones, COPA then took the advice of its tier-1 customer and the VW Group in arranging the manufacturing lines of its factory and created a work environment meeting German car manufacturers’ requirements. As for its Japanese customers, who value the environment and SOP documents, COPA has been also making improvement in meeting their requirements through several times of auditing and communication.

Continuously Taking the Lead in Car Assembly with Customer-Centric Service

Considering the requirements of electric vehicles and carbon emission regulations, COPA thinks that the products in the future are very likely to be “more lightweight”, which is also one of the critical goals COPA expects to achieve in its R&D projects. In addition, with a transparent and flat business organization, manufacturers will become more customer-centric. As a result, COPA will make an effort to enhance the loyalty of customers and achieve results even beyond customers’ expectations.

COPA has had both ISO 9000 and IATF 16949 fulfilled in its in-plant management, making the company progress continuously. Next, it plans to introduce ISO 14001 certification into the company by 2022. “Quality First, Customer Service and Pursuit of Excellence” have been COPA’s mission statements since its inception. The mission statements have been also now added with “keeping promises, doing business with honesty, making improvement, and being customer-centric,” which aim to encourage the entire team of COPA to face customers, business partners and the society with honesty and try their best to achieve mutual growth and share benefits with all relevant parties. COPA will exhibit at Taiwan Int’l Fastener Show 2020 and its booth no. is N1215a. ■



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