

Cutting-edge resistance welders built for the ever-changing demands of the automobile industry



"Our strength is our ability to customize parts according to our customers' needs"

Akio Nakamura, President, Denyo Kogyo Co., Ltd.

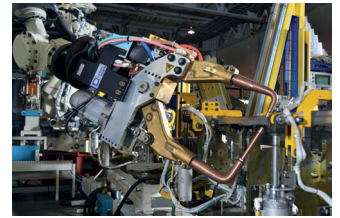
As the needs of automobile manufacturers have become increasingly diversified, there is an increasing demand that the resistance welder used in production be smaller, lighter, and faster. For more than half a century, Denyo Kogyo has responded to the ever-changing needs of the automobile

industry, providing cutting-edge technology in resistance welders for leading manufacturers in Japan and around the world.

Today, Denyo Kogyo has embarked in two major fields of R&D in response to the materials revolution in the industry, and the trend towards making cars lighter and more

fuel efficient. Firstly, the company is collaborating with a leading steel manufacturer to develop welding technology that can be applied to newly used materials such as aluminum and CFRP (Carbon Fiber Reinforced Polymer). Secondly, Denyo Kogyo's R&D division is focusing on integrating sensors that can control the pressure and force applied by its welders, as its customers look for solutions to make the body lighter by producing thinner but harder steel. "This is our major project right now which aims to improve the accuracy and the quality of our machinery and at the same time increase the speed while making our products lighter," says president, Akio Nakamura.

Denyo Kogyo's success in highly specialized customization and ability to respond to constantly changing industry and client needs, has been underpinned by the company's fully integrated production system. Everything – from the handmade casting of parts, to machining, assembly and strict



quality control – is done in-house using the company's long-cultivated technologies, high-precision measurement systems and highly skilled engineers, thus enabling the development of superior-quality products in shorter lead times.

"We manage to provide products fulfilling high-level technical requirements in a short period of time," says Mr. Nakamura. "Our strength is our ability to customize parts according to our customers' needs and that is something that big companies cannot do."

 **DENYO KOGYO CO., LTD.**
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