

Li Ming Machinery Co., Ltd.

Gear reducers, worm gear reducers, variable-speed reducers

Since its establishment in 1969, Li Ming Machinery Co., Ltd. has been dedicated to making gear reducers as one of the most experienced suppliers in Taiwan.

Following decades of dedication, the company has built a comprehensive lineup to lead the industry, which encompasses various gear reducers, worm gear reducers, variable-speed reducers and planetary reducers, all of which are available in a power range from 6W to 150KW; and have been widely applied in machine tools, transport equipment, machinery, electric vehicles, sport equipment, robots, aerospace facilities and semiconductor fabrication equipment. In addition to being marketed under its own brand, the company's reducers are also orderable in customized designs.

The technology-driven manufacturer has consistently absorbed state-of-the-art technologies to improve its gear reducers. For instance, the company independently works out a modulization technology to speed up production of its reducers and enhance durability to meet growing market trends toward energy- and material-efficient machines.



Knowing consummate manufacturing capability is highly related to quality, the experienced maker brings in advanced production equipment, such as CNC lathes and grinders, in its modern factory, in efforts to make sure qualitative consistency can be achieved through its highly integrated in-house production capability. Additionally, a sound line of QC instrument and by-the-book QC measures are also well employed at home.

The Servobox series planetary reducers are the company's pride, which are all developed with helical gears to better withstand torque force and sudden impact, with gears undergoing vacuum carburizing for greatly enhanced surface hardness and structural durability. Built-in gears are available in different backlash from 0 to 3 arc-min; as well as typically 8 arc-min.

The company claims that Servobox has the smallest volume among the equivalent-ranking products on market, and features one-piece enclosure for lower noise, 95% transmission efficiency, highly durable components made of high-strength steel alloys, easy installation with nearly all kinds of servo motors and ordinary motors, an independent output structure for concentric combination with the input shaft to increase torsional rigidity and overhung load.



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