



Komatsu Industries Corp.





Top-Quality, Reliable, Comprehensive Manufacturer of Stamping Presses and Fabricating Machinery

Komatsu is not only highly regarded for its construction and mining equipment but also boasts a long history in stamping presses. Komatsu Industries Corp., a comprehensive manufacturer of stamping presses and fabricating machinery with 90 years of experience and technology as part of Komatsu's Large Press Business

Division, was spun off from Komatsu Ltd. in 1994 and established as a Group company. Komatsu Industries performs integrated operations globally from development and production to sales and after-sales service of a vast array of small to large stamping presses, fabricating machinery and peripheral equipment.

Developing Technology alongside Advancements in Automobiles

Komatsu's high-quality, highly reliable stamping presses have been adopted by the automobile industry in step with an expansion in global automobile production volume. Komatsu's large stamping press lines have been used by the world's leading automakers since the 1960s following vigorous capital investment by the automobile industry.

Since 2001, as the automobile industry faced environmental and energy issues as well as diversification in production sites, vehicle types and configurations, it has been increasingly required for presses to respond to flexible production and improve operations especially in terms of noise and vibration. The servomotor-driven stamping press was born from these circumstances.



H2W300 small AC servo press

Servomotor-Driven Stamping Press Boasting Exceptional Productivity and Eco-Friendliness

The servomotor-driven press (servo press) researched and developed by Komatsu Industries over many years is a state-of-the-art stamping press that uses a servomotor for the drive

Komatsu Industries Global Network



system, thereby enabling freedom in controlling machining speed and significantly raising product precision and productivity.

The servo press consumes power only when the motor is running, which acts to reduce wasted electricity in standby mode. In addition, a system using regenerative power has been introduced, which minimizes power consumption and reduces CO2 emissions.

Although stamping presses use a large amount of machine oil in the gear chamber and other devices, Komatsu's servo press is designed to drastically reduce the consumption of machine oil. This reduces costs while being kind to the environment, factors which have gained high praise from Japan's leading automakers.



Confirming the blueprint

History of Komatsu Industries Corp.

<p>1921 Komatsu Ltd. established</p> <p>1924 Commenced sales of first 450-tonne (496-U.S.-ton) hydraulic press</p> <p>1960 Raised technological capabilities and automation technology through technical tie-ups with European and U.S. manufacturers</p> <p>1961 Introduced cold forging technology from a European manufacturer and acquired the rights to manufacture and sell a forging press</p> <p>1965 Developed fully automated press line</p> <p>1974 Concluded technical tie-ups with European and U.S. manufacturers</p> <p>1974 Developed a domestically produced press brake and shearing machine</p> <p>1985 Established Komatsu Industries Europe GmbH in Rüsselsheim, Germany</p> <p>1986 Established Komatsu America Industries LLC in Rolling Meadows, Illinois</p>	<p>1991 Developed a low-noise large transfer press and module transfer press</p> <p>1994 Komatsu Industries Corp. spun off</p> <p>1994 Succeeded in development of small servo press (H1F series) followed by use of the servomotor for large stamping presses and forging presses</p> <p>1999 Developed a plasma cutting machine (TFP series, known as the "Twister" series)</p> <p>2001 Established Komatsu Industries (Thailand) Co., Ltd.</p> <p>2004 Commenced sales of a hydraulic hybrid servo brake (PVS series)</p> <p>2004 Commenced sales of a fiber laser processing machine featuring an in-house developed oscillator (KFL series)</p> <p>2005 Established Komatsu Industries (Shanghai) Ltd. in China</p>	<p>2006 Developed small AC servo press (H2W series)</p> <p>2006 Commenced sales of small servo press (H1F series) after a model change</p> <p>2013</p>
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Large press line for machining automobile body panels

Komatsu Stamping Presses Highly Active at Automobile Manufacturing Sites Worldwide

When visiting the Komatsu Plant (at the time) in 1990, an Italian automaker was extremely impressed by Komatsu's technological expertise in equipment and stamping presses that realize large and precise component machining, and subsequently decided to adopt a large mechanical press line. Currently, Komatsu's press lines, including its servo press lines, are in operation at the company's manufacturing sites all over the world.

Komatsu's high-quality, highly reliable and highly productive stamping presses are also in operation at numerous automobile production sites around the world. Komatsu visits customers' production sites and researches how stamping presses are used in order to make continuous improvements while striving to provide products that deliver customer satisfaction.



Production of H1F110 small servo presses

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We welcome any comments from readers via email:
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