

# FYH: the future of bearing technology

Since its establishment in 1950, FYH Inc. has set the standards in bearing technology.



"We are trying to achieve better precision and accuracy for our production. That is our competitive edge and capability."

Yasukazu Kobayashi, President, FYH INC.

In a world where cheap, inferior products are flooding global markets, quality has become the cornerstone for Japanese manufacturers, and this is embodied by bearing producer FYH. Since the creation of



Stainless series

its revolutionary Pillow Block Units in 1950, the company has been synonymous with high-performance bearings, but president Yasukazu Kobayashi knows that quality alone will not keep his company at the forefront of the market.

Instead, Mr. Kobayashi ensures customer needs are at the focus of every aspect of product development at FYH, and the evolution of the Pillow Block Units shows this in a microcosm. The product has been adapted to clients' demands to be able to survive quite high temperatures, high-speed rotation, and exposure to water. As Mr. Kobayashi says: "Unless we

listen to the customers' needs and respond accordingly, the products will not be accepted." This philosophy is the driving force behind FYH's ZK model bearings, created for ease of use and installation to ensure customers can work with the product without the need for highly-skilled engineers, as well as the Bullet Point set screw, which as Mr. Kobayashi explains: "is a one-piece ball point set screw with superior holding power especially where vibration is present. This saves money for our customers because it causes less shaft damage."

FYH's attention to detail and customer centricity has enabled the company to expand across Asia and into the European



ZK Series

and U.S. markets. Indeed, the company now has a production plant in China, equipped with Japanese machinery and production management system, a subsidiary in the United States, and is looking



Broad range of FYH products

to further expand its network of distributors in the European market. This expansion is underpinned by the belief that innovation is driven by connecting knowledge from around the

world, and FYH is continuing to make these connections a reality.

**FYH** FYH INC.  
www.fyh.co.jp/en

# Toyo Kensetsu Kohki: the rebar processing machine manufacturer creating made-to-measure solutions

Toyo Kensetsu Kohki understands that every customer has different needs and creates tailored machines to develop customized solutions.



"We have over 100 different types of machines, and these machines can respond to new trends."

Yasuo Tanaka, President, Toyo Kensetsu Kohki Co., Ltd.

Japanese craftsmanship has built its reputation on quality and attention to detail, but companies like rebar



Automatic rebar bending machine

processing machine manufacturer Toyo Kensetsu Kohki are showing that responding directly to the customers' needs is now a central part of the *monozukuri* philosophy.

Founded in 1959, Toyo Kensetsu Kohki develops specialized machines to create tailored solutions for each client's specific needs. This commitment to understanding the customer is reflected in the company's impressive 111 patents for rebar processing machines, and its team of sales representatives who can also carry out simple repairs when visiting clients.

As Toyo Kensetsu Kohki's president, Yasuo Tanaka, succinctly says: "Our relationships define what we need to manufacture for our clients, and we manufacture what each client needs."

Not only does the company have a long history in the rebar processing industry, it also has an eye on the future with its unique TLINKS V-Spec IoT technology which collects



Automatic rebar cutting and bending machine

data from its machines. Mr. Tanaka aims to use this data to improve the productivity of rebar fabrication



Finished goods

factories around the world where TOYO machines are delivered, as well as reduce material waste.

The company is looking to expand into the ASEAN market, where it can use its centralized, off-site rebar processing system to improve accuracy and safety, something Mr. Tanaka believes strongly in as "it is a basic human right to live in a safe place, and that right should be guaranteed in other countries, not just Japan."

**TOYO**

www.toyokensetsukohki.co.jp/english/