Technology for the world; dreams for tomorrow

Supporting tomorrow’s society by providing core technologies around the world today

Meeting the diverse, complex and ever evolving needs of individuals and communities
The level of technology in today’s world must meet the increasingly wide variety of high-tech needs, both of high-function personal lifestyles and industry requirements.
Whether in workplaces or in communities at large, these technologies provide us with the things that we need or want, increase our convenience, and help us meet our aspirations.
Futaba Corporation creates and applies advanced technologies in Japan and throughout the world.
In doing so, we play a role in enhancing society, people’s lives, and helping people achieve their aspirations for the future.
The technologies of Futaba touch people’s lives in a wide variety of ways. For example, stamping technologies are part of the creation of electric vehicles that cleanly drive through city streets, radio-control technologies are used in model helicopters that children of all ages fly in parks, and display technologies are used in cutting-edge, smart-watches that monitor a person’s physical condition. Let’s have a closer look at Futaba’s technologies.
We proactively develop products that meet the needs of customers.

Vacuum Fluorescent Displays (VFDs) have become ubiquitous and are a signature product that Futaba Corporation developed and advanced for many years. VFDs are used in many applications including instrument panels for automobiles, audio systems, DVD and other video systems, point-of-sale (POS) terminals, and various other information devices. In recent years, we have been proactively developing a wide range of products, focusing especially on Organic Light-Emitting Diode (OLED) displays, to meet the continuously expanding needs of customers in an ever-advancing field of electronics.

Futaba Corporation display, touch panel, and module product designs are based on the needs of our customers. Our research and development in the field of electronic displays is focused on Vacuum Fluorescent Displays (VFDs) and Organic Light-Emitting Diode (OLED) displays. From there we expanded to develop capacitive touch panels and modules, and other products that utilize thin film formation technologies, and bring them to market as quickly as possible. Mass production of film-type OLED displays, developed by Futaba and usable on curved surfaces, began ahead of any other company. We are also proactively researching ways to further reduce this product’s energy consumption and further enhance its reliability. Furthermore, we are developing irregular-shaped displays and higher-brightness displays and committing additional efforts on the development of advanced touch panels through research into new structures and development of advanced optical design technologies.

Research and Development

Futaba developed Organic Light-Emitting Diode (OLED) displays for in-vehicle use utilizing our extensive experience with Vacuum Fluorescent Displays (VFDs) for in-vehicle applications. This high-brightness, high-resolution product, used in vehicle instrument panels, meets strict automotive quality standards.

Vacuum Fluorescent Display Modules

Touch Panels

Vacuum Fluorescent Displays for automotive head-up display

This is a head-up display that enables drivers to check the car navigation system without taking their eyes off the road. This product utilizes Futaba’s ultra-high-brightness Vacuum Fluorescent Display (VFD) that also features compactness and high definition.

Research and Development
Making dreams reality with the power of hi-tech

Futaba is a well-established leader in hobby radio-controlled (R/C) devices and provides customers with enjoyment through its innovative technologies. Futaba hobby radio-controls and robot components are the choice of many people pursuing their hobby-related dreams. Futaba also puts its hobby radio-control technologies to work in industry. Wireless technologies that reduce noise and interference have increased safety and reliability and facilitated accurate performance even in harsh environments. Moving forward, Futaba will continue to actively develop and deliver new products and services, always with an eye focused on advancing its technologies to ensure they become ever more useful for people.

Research and Development

The stability and quality of wireless communication are directly related to the quality of the electronic design. Futaba Corporation develops wireless devices that provide the highest quality communication and the application of results from our constant research ensures that our designs always stay connected. Futaba has developed a wireless system that enables long-distance communications. After much work, we have upgraded image transmission equipment and utilized newer frequency bands in order to enhance communication quality and better leverage the features of our new systems. Futaba is also actively addressing a variety of markets such as the development of multicopter specific systems, practical actuators for the Unmanned Aerial Vehicle (UAV) market, and special electrical power transmission and communication technologies. Futaba Corporation is removing barriers through its ongoing, day-to-day research to bring dreams into reality.
Futaba provides comprehensive solutions for manufacturing related development

Futaba contributes to the development of industry by proactively offering press die sets, mold bases for plastic injection, and Mold Marshaling systems. We work from the premise that peripheral parts should be standardized and that what happens inside plastic molds should be visible. Therefore, our goal is to serve as a comprehensive supplier of everything ranging from basic mold equipment to mold technologies. Moving forward, we will continue to accurately analyze the needs of our customers and provide comprehensive solutions for manufacturing related development.

Research and Development

Lithium-ion batteries are contributing significantly to the increasing use of electric vehicles. Futaba Corporation offers customers a total lineup of press machines, dies, and peripheral devices for the manufacturing of electrodes, which form the heart of lithium-ion batteries. In recent years, plastic products requirements have become increasingly compact, high-performance, and lightweight. So the difficulty level of plastic injection molding has risen and there is a growing need to know the condition of the plastic inside the molds during the injection process in order to achieve high-quality and stable production. In order to meet such needs, Futaba Corporation continues to push forward with the development of advanced sensors and other peripheral devices and is thereby contributing to the advancement and development of high-performance plastic injection industry.

Mold Marshaling System (mold resin pressure, resin temperature, mold surface temperature, resin flow rate)

This injection molding measurement system quantifies conditions inside molds—data previously not available—based on installed sensors and specialized amplifiers. This enables what is happening inside the mold to be viewed in real time with a personal computer and various types of measurement devices. Integrating this system facilitates things such as setting up optimal mold parameters, automatic sorting of defective goods, quality control, and mold assessment.

Mold Marshaling System (mold resin pressure, resin temperature, mold surface temperature, resin flow rate)

Auto Reel

This product automates the coiling and uncoiling of materials used in the press and plastic molding process thereby increasing efficiency and reducing labor.

NC Grip Feeder

This product enables automation related to feeding belt-like and belted shaped materials used in press processing, thereby increasing productivity and reducing labor.

Plates for Machine Industries

Futaba's extensive lineup of standard plates is optimized for the design and manufacture of machinery, equipment, jigs, and tools. We also engage in external shape processing and offer up to six-surface milled plates with tolerances of 0.1 mm.
Futaba’s global technologies
Worldwide Futaba Group supports our customers.

Components for mold bases, presses and punching die sets; precision plates, etc.

Radio control equipment for hobby use, Radio control equipment for industrial use

Radio control equipment for hobby use, Radio control equipment for industrial use

Overseas Affiliates

Futaba Corporation of America
Futaba Corporation of America
Futaba Corporation of America
Futaba Corporation of America
Futaba Corporation of America

Global Head Office

Futaba Corporation

GRISSON Rentals

Worldwide Futaba Group supports our customers.

Components for mold bases, presses and punching die sets; precision plates, etc.

Radio control equipment for hobby use, Radio control equipment for industrial use

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Global Head Office

Futaba Corporation
The history of Futaba manufacturing began with “Honshitsu-no-Chokushi” and vacuum tubes. The History of Futaba Corporation began on February 3, 1948—soon after World War II—when Goro Eto of Kyushu met with Reiji Hosoya of Hokkaido. The first main product of the company then was vacuum tubes, the demand for which was growing rapidly at that time. The first thing that Mr. Eto (then company president) did to begin the process of manufacturing vacuum tubes was to purchase a machine tool: a lathe. He did this rather than obtain equipment directly used for manufacturing vacuum tubes. Then, utilizing the lathe, the company manufactured its own jigs and tools to be used by the company independently. The idea of the founders was: “In manufacturing you need to, first of all, properly build jigs and tools because if your work is not based upon these, you will not be able to achieve good quality.”

This marked the start of our Electronic Components manufacturing Vacuum Fluorescent Displays (VFDs). Initially, Futaba developed its own press die set components in order to manufacture Vacuum Tubes. Eventually, Futaba standardized these die set components and began selling die components, radio-control (R/C) systems, and Organic Light-Emitting Diode (OLED) displays. Thus, the product line-up of Futaba Corporation has changed over the course of its history but the company’s underlying philosophy of “Honshitsu-no-Chokushi” remains the same. “Honshitsu-no-Chokushi” still serves as the philosophy of Futaba employees today and is now a universal phrase shared throughout the Futaba Group worldwide.

The foundation of this type of approach is “Honshitsu-no-Chokushi.” This means to look at the nature of things in depth, and investigate it thoroughly. As time went by, the company shifted from the elemental technologies and manufacturing of vacuum tubes to advanced technologies and manufacturing of Vacuum Fluorescent Displays (VFDs), die components, radio-control (R/C) systems, and Organic Light-Emitting Diode (OLED) displays. Thus, the product line-up of Futaba Corporation has changed over the course of its history but the company’s underlying philosophy of “Honshitsu-no-Chokushi” remains the same. “Honshitsu-no-Chokushi” still serves as the philosophy of Futaba employees today and is now a universal phrase shared throughout the Futaba Group worldwide.
Futaba Group engages in a variety of activities in order to fulfill its corporate, social responsibility.

Environmental Initiatives

Basic philosophy
Futaba Corporation respects the workings of nature and therefore endeavors to protect and continuously enhance the global environment in order to avoid passing on an environmental burden to future generations. Furthermore, we continuously work on our goal of creating and improving people-friendly factory environments.

Futaba Corporation is working to protect and continuously enhance the global environment through initiatives such as energy conservation, reduction of CO₂ emissions, resource conservation, rigorous adherence to environmental laws and regulations, promotion of global environmental improvement activities at our affiliated companies and overseas factories, achieving zero emissions of waste products, and manufacturing products with strong consideration of environmental loads and, therefore, increased environmental value.

Risk Management

Our company has developed basic regulations for risk management and built a risk management structure. We work hard to reduce various types of corporate risk such as those associated with natural disasters, accidents, and proprietary corporate information security. In order to ensure the effectiveness of our risk management, we have created a Compliance Risk Management Committee and a system for setting up an Emergency Response Headquarters in the case of an emergency. In this way, we have created structures in order to manage risk exposure and minimize damage in the event of accidents and disasters.

Compliance

We are keenly aware that, in order for a company to remain viable, it is essential that the company not only pursues profits but also complies with laws and ordinances. Futaba Corporation has established a system for compliance which incorporates initiatives such as developing a corporate code of ethics, an employee ethics guideline, and setting up a hotline that enables reporting and consultation in order to prevent compliance violations.

Social Contribution Activities

Futaba continues to engage in a variety of social contribution activities around Motobara such as our participation and operation support of the annual Motobara Tanabata Festival. Other local community activities include fund-raising for public welfare projects, beautification and cleaning activities in the areas surrounding our facilities and local fire prevention activities involving Futaba Corporation Special Fire Brigade. In addition, Futaba participates in the regional environmental activities and contributes to the environmental regeneration funds by their own initiative. Our employees carry out a wide range of contribution activities such as participating in local community associations, providing guidance and cultivation of local children, Boy Scout organizations, various sports associations and inventors’ groups.

Futaba meets the wide-ranging needs of our increasingly global customers with offices and factories located around the world and with our broad spectrum of unique technologies.

Since the establishment of Futaba Corporation in 1948, our company has been diligently pursuing the demonstration of self-motivation by our employees and the rationality of our manufacturing based on our corporate philosophy of “supplying basic equipment and materials to contribute to industry as a member of society”. We would like to take this opportunity to express our deepest gratitude to our many customers for their loyal patronage, to our business partners for their cooperation, and to other individuals for their extensive support.

It has been approximately 60 years since our company was founded. In recent times, our society and economy have undergone changes and expanded in ways that could never have been imagined at the time of Futaba’s establishment. In response to such changes, we formulated a new corporate philosophy called “Futaba Way” in April 2011. Our goals were to make revisions to our philosophy so that it could be shared by all of our employees during the current global era and to formulate a vision aimed at our further development and that would serve as a code of conduct for our employees. At the center of Futaba Way is Futaba founders’ philosophy of “Honshitsu-no-Chokushi” (to look into the nature of things in depth, and to investigate it thoroughly).

Futaba’s lineup of products has expanded to include Vacuum Fluorescent Displays (VFDs), Organic Light-Emitting Diode (OLED) displays, various other types of display devices, module products, capacitive touch panels, mold equipment and related products, and wireless products. We also possess a wide range of unique technologies including: fundamental technologies that support the above-mentioned products, vacuum and thin-film technologies, metal-processing technologies, wireless circuit technologies, and IT technologies. We are confident that by effectively utilizing this broad spectrum of technologies and our production and sales centers located around the world, we will be able to fully meet the extensive range of needs of our increasingly global customers. At Futaba Corporation we intend to work even harder to maintain a flexible yet strong corporate culture and hope to continue to enjoy your patronage into the future.