Since its inauguration in 1915, we at OKK have created and developed high performance, high stability machine tools supporting a wide range of industries. Our first priority has always been Customer First, followed by OKK’s proprietary technological capability and look-ahead mentality. In light of our proud tradition and track record, we are now setting new goals and adding value in order to meet the challenges of these difficult and uncertain times around the world. Based on the universal themes of OKK’s MONOZUKURI philosophy: Stick to the basics of machine tools, Stay a step ahead of customer needs and expectations and integrate them into product development, and Be responsible for stable quality and supply, we are working on new technologies at a higher level and evaluating the expansion of products to meet the needs of customers in a wide variety of fields, including automobile, aircraft, energy, and IT-related industries.

As a global company, we intend to exceed the expectations of our customers around the world by continuing to provide new technology for high quality machining in response to requirements for higher speed and precision performance. At the same time, we will continue to maintain the high quality standards of OKK’s products for the domestic and international markets.

We continue to make progress every day in product development while enhancing the value of our presence in the business community. Our mission is to provide truly superior products and advanced service and support to our customers at all times.

It is our hope that our customers in the global business community recognize the progress and success our company has enjoyed since OKK’s inception in 1915. We also hope that our customers will continue to place their trust and confidence in OKK’s people and products.
OKK has a targeted clear-cut manufacturing concept, which is to manufacture reliable products providing increased safety and a high degree of reliability and incorporating challenges to environmental and energy saving issues. A variety of leading-edge industries including automotive, aerospace, semiconductors, ITs, and LCDs present a higher level of requirements for products than ever before. Customer needs are being ceaselessly enhanced and diversified not only in safety, but also in requirements for the basic performance and stable quality of machines. Such as high-speed, high-accuracy, and high-grade machining; needs for high-accuracy machining of highly hard or brittle materials; and the support for a variety of specifications for a diverse range of applicable workpieces. OKK offers a wide range of product lineup responding to those new requests, thus winning the trust from an assortment of customers as their partners.

Furthermore, viewing the environmental and energy saving issues that are the demands of the present age as the corporate commitment, OKK created the "Self-imposed Action Plan" with the objective of harmonizing corporate activities and global environment. In accordance with this Plan, all company members are engaged in manufacturing environmentally conscious products through the specific activities, such as support for power saving, energy saving operation, and support for resource saving.
**Technical Capabilities**

Technical capabilities in a complete pursuit of dominant performance as a mother machine, which provides support for environmental and energy issues.

Utilizing machine tool technology that constitutes a barometer of international technical standards. Machine tools, which are a mother machine, form the basis of manufacturing, incorporate general technologies, such as mechanical, electrical and control system engineering.

Based on traditional intrinsic technologies and know-how, OKK & machine tools maximize the use of OKK’s engineering technology. Backed with large amounts of accumulated data, leading-edge analysis technology and analysis tools such as 3D CAD or finite element analysis method, a great number of staff creates new products responding to needs in a timely manner.

OKK works toward the manufacturing of machine tools with consideration given to environmental and energy issues as well as in pursuit of the enhancement of machining accuracy, speed, and operability. Furthermore, the Company will advance toward the development of products to customer satisfaction.

The more extreme the customer requirements, OKK’s unique technical capabilities will prove their worth, like significant increases in production efficiency, thorough energy savings and response to the diversification of machinable objects.

**Research & Development**

Opening the way to a new nanotechnology land

The driving force of the manufacturer is R & D of New Products and New Technologies. To create many new products in response to the users desires and needs, we at OKK have sales representatives, technical personnel, and service persons active on the domestic and international markets gathering seeds and needs, which are thoroughly discussed ranging from development concepts to production and prices at the Development and Information Committee and the Special Committee on Development. Then, the Development Committee headed by the top management hands down the final decision on whether or not the Company should proceed with development as a new product. Employing a process of careful discussions and consideration as aforementioned, the Company is promoting R & D to its aim to provide products that match the users’ needs. From submicron- to nano-compatible products, these higher hurdles to surmount, OKK’s R & D personnel are enthusiastic towards this challenge.

Aliming to the challenges of machining the new materials, the development of high-accuracy machining technology, the realization of unmanned and energy saving operation with an ultimate systematization.

Flow Chart to Development of New Product
Wanting your comments, the essentials of management resource

Compiling comments from customers will lead to new products, while maintaining service quality will hold trust with customers established over a long period of time. We at OKK are making full use of marketing, field services networks, domestic and international business locations to rapidly and accurately collect comments from customers, thus working towards manufacture of products that lead to an increase in incomes. Furthermore, the proper choice of a machine tool meeting customers requirements, will contribute to enhancements in the machining efficiency and the operating rate. In this connection, the Company is always prepared to inspect the customer’s product and as-needed make machining tests on their products so that the customers will purchase after they are fully satisfy. In addition, after the delivery of machine tools, the Company holds NC School for the customers to master proper running/adjustment. Delivering operation supervision that can lead to enhancement of the operating rate and constantly carry thorough stock of spare parts. Further, it provides fine-tuned after-sales service through the OKK Service Network, the network service OK-Net network that enables a quick supply of parts and a machine tool delivered under optimum conditions.
Product Introduction

OKK Machining Centers responding to a variety of industrial needs

- Vertical Machining Centers
- Horizontal Machining Centers

Support for special machining driven by application

Support for manufacturing of High-speed, High-accuracy Die and Mold
Machining centers for machining every part used in automobile/aircraft industries and others

Vertical Machining Centers

Aircraft and automobiles, which are an integration of high-performance and high-accuracy transport equipment that is in the forefront of the present era, consist of component parts that should assure reliability next to 100% due to their mission to protect irreplaceable life.

The OKK vertical machining centers including the VM Series with over 6,000 installed and proven reliability as a crowning technologies to convert materials into this component parts, the VP Series that are synonymous with high-speed and high-accuracy hyper machining centers, and others make it possible to constantly manufacture high-accuracy component parts that can be said to be the top end at present as well as high-performance and quality parts.

VM Series

Machining centers achieving unbeatable cost performance in thorough pursuit of cutting performance and accuracy that are the basics of machining centers.

VP Series

The last word in breakthrough hyper machining centers, which has derived from the users' eager desire for superior high-speed and high-accuracy machining.
Product Introduction

Machining Centers at the forefront of automotive and aerospace industries

Horizontal Machining Centers

Key automotive parts such as engines and chassis, which drive/travel automotive safety at a high speed. At production fields of the components used in these parts, aerospace, and others, the OKK horizontal machining centers including the HM Series that achieve high-efficiency machining and the PM Series mass production-oriented machining centers are staying in action. Responsibilities assigned to future machine tool systems are not only in reaction to operation around the clock and continuous operation for an extended periods of time, but also to manufacture high-reliability parts at a high degree of efficiency.

A variety of OKK horizontal machining centers are fulfilling their mission in production plants around the world.

HM series

Popular Series, which have achieved cost reduction by thoroughly upgrading the basic performance such as speed, accuracy, power, and rigidity.

PM series

Field-proven Series with abundant accomplishments. An adequate margin of specification provides adaptability to every workplace and every line.
Machining Centers in a wide variety of die and mold industries ranging from mobile phones to automotive parts

Support for Manufacturing of High-speed, High-accuracy Die and Mold

Tooling such as precision dies/molds or wooden patterns is essential to mold the interior/outer parts of mobile phones and automobiles and for plastic or metal products having complex profiles such as food containers. To manufacture this tooling, OKK machining centers including the VM, VP, and VG Series are staying in action.

The tooling includes press dies for car bodies and molds for medical tablets, the ultimate goals of which are completely different. However, the reliability and accuracy of products needed in the manufacturing process of the dies/molds are indifferent to the product sizes.

OKK machining centers are evolving on a day-to-day basis to provide a high-accuracy superior machined surface with no finish line in sight under the extreme conditions presented by production fields, to meet the customer satisfaction.

Machining centers supporting for precision die/mold, which achieved high accuracy and quality machined surface that improved by one rank through taking all possible measures against vibration and heat generation.
Product Introduction

**Machine tools in a diversified variety of sectors including the IT sector**

We at OKK offer a family of products lineup that is utilized to enhance people’s lifestyles, such as using a computer, enjoying a LCD television, or making use of electrical appliances. Furthermore, the leading-edge technologies of OKK machine tools are utilized for maximum effectiveness to manufacture the cutting-edge parts that comprise these products.

These technologies include a grinding technology for silicon wafers using a grinding wheel or a grindstone, the milling technology of mother glass, which is formed into a LCD panel, on the accuracy level of microns, the grinding and milling technology for ceramic materials and the machining technology for turbine blades using a five-axis machining center. Taking the world-class technologies aforementioned as a backbone, the OKK’s machine tools are put to use as mother machines in a diversified variety of industries.

**VP2200-GC**

Grinding centers, which support the diversified and complicated machining patterns and facilitate substantial reduction of process cycles and process automation.

**MCV560DS-5AX**

Machining of high-efficiency turbine blades using a dual-spindle five-axis machining center.

High-accuracy milling of the mother glass of a large-screen LCD television achieved at the level of minimized screen
**Environmental Activities**

**ASAHI BRAND**

Water, which is the essence of industries and cultural social life. To meter the essentials, a drop of water, we at OKK have traced nearly 90-year history of reliability. In 1917, the Company introduced the Japan's first water meter for general household use under the ASAHI brand. Today, it offers a wide variety of measuring models that can be served in various scenes from water resources to homes.

**ASAHI Water Meters and Flow Meters**

The WPD Series are running water meters with superb water resistance, which are used not only for water distribution from water resources requiring large-capacity measurement but also for industrial water, groundwater, and others. Combined use with peripheral equipment available from a well-stocked lineup enable gathering of a wide range of measurement data.

**ASAHI Handy Terminal Meter Reading System**

The handy terminals are currently used in various fields and introduced in water projects for the purpose of streamlining meter-reading operations by nationwide local governments. The ASAHI Meter Reading System is a system that have been developed for personnel involved in the water projects and won the trust of a great number of users for many years. Furthermore, wireless systems are an innovative information system that enables accurate and speedy meter reading and charge settlement operations through real-time data transmission.

**ASAHI Instrumentation System**

**Water** which is the essence of life. It is the ASAHI Instrumentation System that plays an active role in water supply facilities and others in order to provide safe and stable supply of the water.

This System is an integral monitoring system that consists of a central monitor and controller, data logger monitor, and others and controls numbers of data on remote locations using a centralized monitor. The Wireless Manhole Pump Monitoring System makes it possible to monitor and control widely-separated regions in real time, thus getting a lot of attention as a rational sewage facilities control system, which is also helpful to disaster prevention.