

THE NEW VALUE FRONTIER



Corporate Industrial Tool Group Profile



ADVANCING PRODUCTIVITY

KYOCERA Cutting Tools

敬天愛人

Corporate motto:
“Respect the divine and love people”

Preserve the spirit to work fairly and honorably, respecting people, our work, our company and our global community.

Management rationale

To provide opportunities for the material and intellectual growth of all our employees, and through our joint efforts, contribute to the advancement of society and humankind.

Management based on the bonds of human minds

Kyocera started as a small, suburban factory, with no money, credentials or reputation. We had nothing to rely on but a little technology and 28 trustworthy colleagues.

Nonetheless, the company experienced rapid growth because everyone exerted their maximum efforts and managers devoted their lives to earning the trust of employees. We wanted to be an excellent company where all employees could believe in each other, abandon selfish motives, and be truly proud to work. This desire became the foundation of Kyocera's management.

Human minds are said to be easily changeable. Yet, there is nothing stronger than the human mind. Kyocera developed into what it is today because it is based on the bonds of human minds.



Kazuo Inamori
Founder and chairman emeritus
KYOCERA Corporation

Combining the diverse strengths of the Kyocera Group to create new value and ensure customer satisfaction

Kyocera places top priority on the “customer-first” principle to ensure that the products and services we provide consistently delight people. We practice the “customer-first” principle to create new value through total customer satisfaction in price, quality, service and delivery.

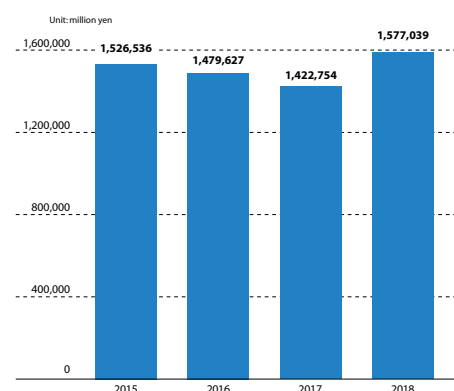
Corporate summary Total companies and employees as of March 31, 2018

Company name: KYOCERA Corporation
 President: Hideo Tanimoto
 Group companies: 265 (Including KYOCERA Corporation)

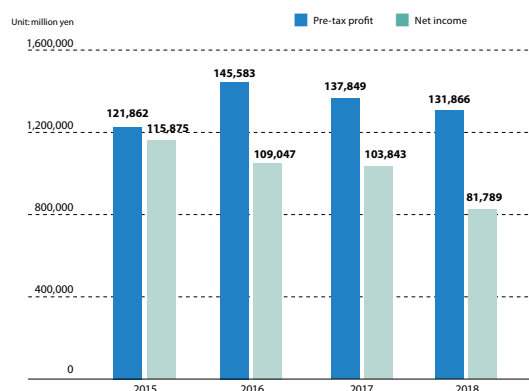
Established: April 1, 1959
 Capital: 115,703 million yen
 Group employees: 75,940

Excluding non-consolidated subsidiaries and affiliates accounted for by the equity method

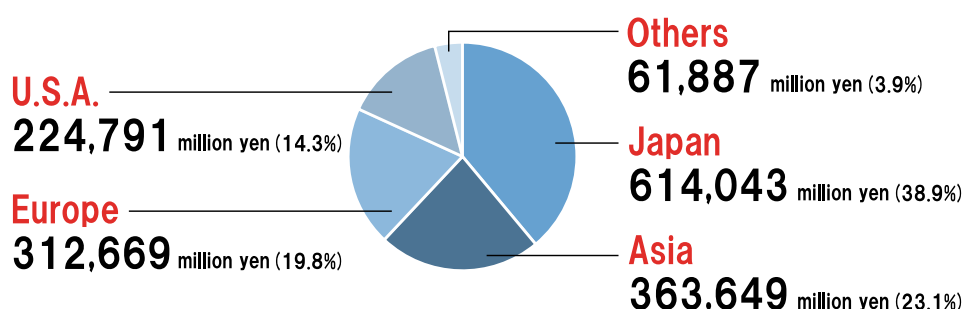
Consolidated sales trend
 (Years ended March 31)



Consolidated profit trend
 (Years ended March 31)



Consolidated sales by region



Consolidated sales by segment

Consolidated Sales: **1,577,039 million yen** (Year ended March 31, 2018)

Industrial & Automotive components

18.2%

Fine ceramic components
 Automotive components
 Displays
 industrial tools
 optical components

Communications

16.2%

Smartphones
 Feature phones
 Tablets
 IoT modules
 Information systems &
 Telecommunication services

Others

1.2%

Hotels, etc.

Semiconductor components

16.3%

Ceramic packages & substrates
 Organic materials
 Organic packages & printed wiring boards

Document solutions

23.5%

Printers & multifunctional products
 Solutions business

Adjustments and Eliminations

-1.9%

Electronic devices

19.4%

Capacitors
 Saw devices
 Crystal devices
 Power devices
 Connectors
 Printing devices

Life & environment

7.1%

Solar energy
 Medical & dental products
 Jewelry & kitchen tools, etc.

Total components business

53.9%

Total equipment & Systems business

46.8%

Others + Adjustments and eliminations

-0.7%

Kyocera's global operations deliver a diverse range of products

Kyocera group: 265 companies around the world

Industrial & automotive components

We supply various parts that support the development of a wide range of industries such as fine ceramic parts, automobile parts, liquid crystal displays, cutting tools, optical lenses and others.



Ceramic components for industrial machinery



Camera modules



Automotive displays



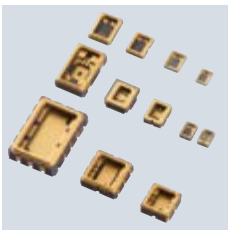
Hybrid cermet inserts



Automotive lenses
And scanner lenses

Semiconductor components

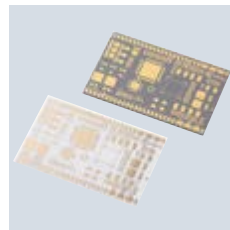
We supply high-density, multilayer printed wiring boards for packaging electronic parts and ICs.



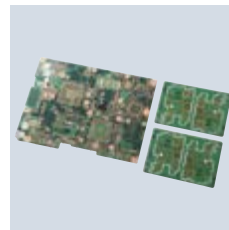
Ceramic surface mount packages for electronic devices



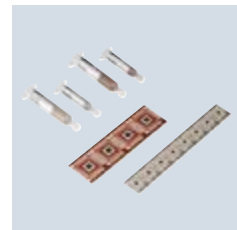
Optical components



Multilayer ceramic substrates for automotive ECUs



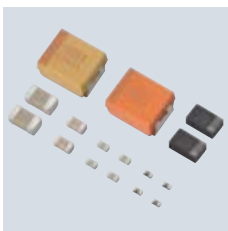
Build-up wiring boards



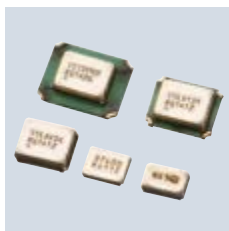
Die-attach pastes

Electronic devices

We supply various electronic components and devices used in a wide variety of fields, from familiar consumer products such as smartphones to industrial machinery.



Capacitors



Crystal devices



Power devices



Inkjet printheads



Connectors

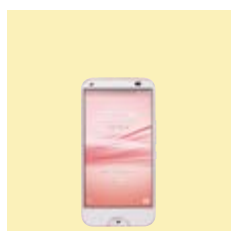
Kyocera's products play a giant role in daily life.

Communications

From high-durability smartphones to easy-to-use simple mobile phones and multi-functional tablets, we provide the information and telecommunication services that support Japan's communication infrastructure.



DuraXV+



rafr®

*rafr® is a registered trademark of Kyocera Corporation in Japan.



Simple mobile phone



Information systems
& Telecommunication services

Document solutions

In addition to a broad lineup of multi-functional, cost-efficient printers, we offer unique solutions to solve our individual customers' needs.



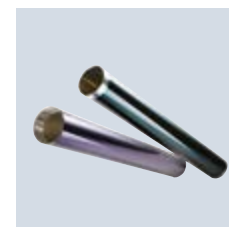
Color multifunctional product
TASKalfa 6052ci



Color multifunctional product
ECOSYS M6535cidn



Color printer
ECOSYS P5026cdw



Amorphous silicon (a-Si)
& PSLP drums

Life & environment / others

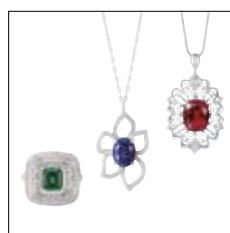
We supply various consumer, healthcare, and environmental products, such as solar modules, artificial joints, jewelry, and ceramic cutlery.



Residential solar power
generating systems



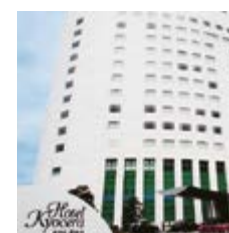
Artificial hip joint



Jewelry



Ceramic kitchen tools



Hotel Kyocera (Kagoshima,
Japan)

The Kyocera cutting tool group's vision

ADVANCING PRODUCTIVITY

KYOCERA Cutting Tools

Advancing your productivity through efficient cutting tool products and advanced tooling solutions.

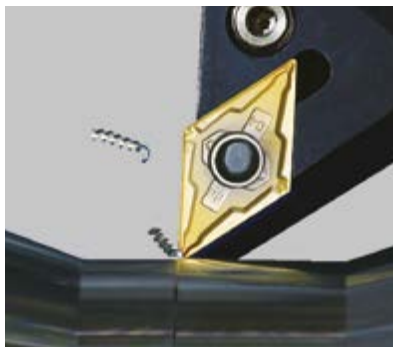
In 1971, Dr. Inamori (then president of Kyocera) was introduced to the ultra-high-speed cutting of ceramic tools in Germany. Soon after, Kyocera began producing cutting tools in Japan. Today Kyocera is the global and comprehensive cutting tool manufacturer who provides innovative materials and tool designs as well as proposes solutions for technological improvements. Kyocera contributes to a world manufacturing by the innovative products and technology.

The Kyocera cutting tool group's mission



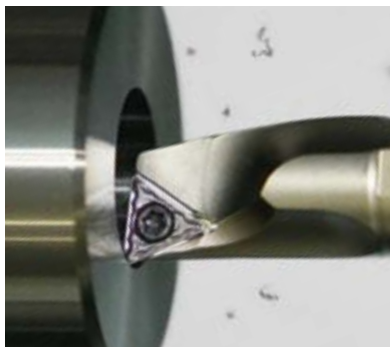
Turning

Hybrid Cermet / PP-Chipbreaker



Boring

Dynamic Bar



Small tools

3D sharp edge chipbreaker



Grooving

KGDF



Drilling

DRA



Drilling

Magic Drill DRV series



High feed milling

MFPN



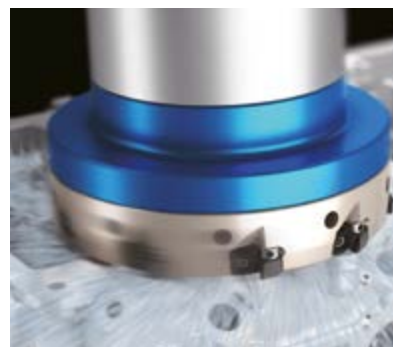
Milling series

High feed cutter MFH



Milling

High efficiency milling cutter



Helical end mill

MEWH



Solid end mill

3AFK



Custom-built tools



Tooling solutions for various industries

Automotive

Complete tooling solutions for a wide range of automotive applications. Highly advanced combination tools can reduce the total number of tools needed, thus considerably reducing unit costs.



Aerospace

Developing the appropriate tool material, geometries and coatings for aerospace components to optimize production solutions.



Power generation

Highly efficient tools for components which are part of gas and steam turbines, for example turbine blades.



Other industries

Tooling solutions advance customers productivities in many industries.



KYOCERA UNIMERCO Fastening A/S

For over fifty years we have been supplying fastening solutions for the building industry and on-site construction.



KYOCERA SENCO Industrial Tools Inc.

We are a pioneer of pneumatic tools such as nail guns and staplers. Our high-quality tools contribute to the productivity of hardworking professionals around the globe.



KYOCERA Industrial Tools Corporation

We offer a wide variety of safe and easy to use power tools for professionals and DIY enthusiasts.



Global network



Denmark Plant (Sunds, Denmark)



U.K. Plant (Fradley, U.K.)



Lithuania Plant (Vilnius, Lithuania)



North Carolina Plant (Hendersonville, NC, U.S.A.)



Michigan Plant (Saline, MI, U.S.A.)



Ohio Plant (Wapakoneta, OH, U.S.A.)



Ohio Plant (Munroe Falls, OH, U.S.A.)



California Plant (Costa Mesa, CA, U.S.A.)



Brazil Technical Center (Sao Paulo, Brazil)

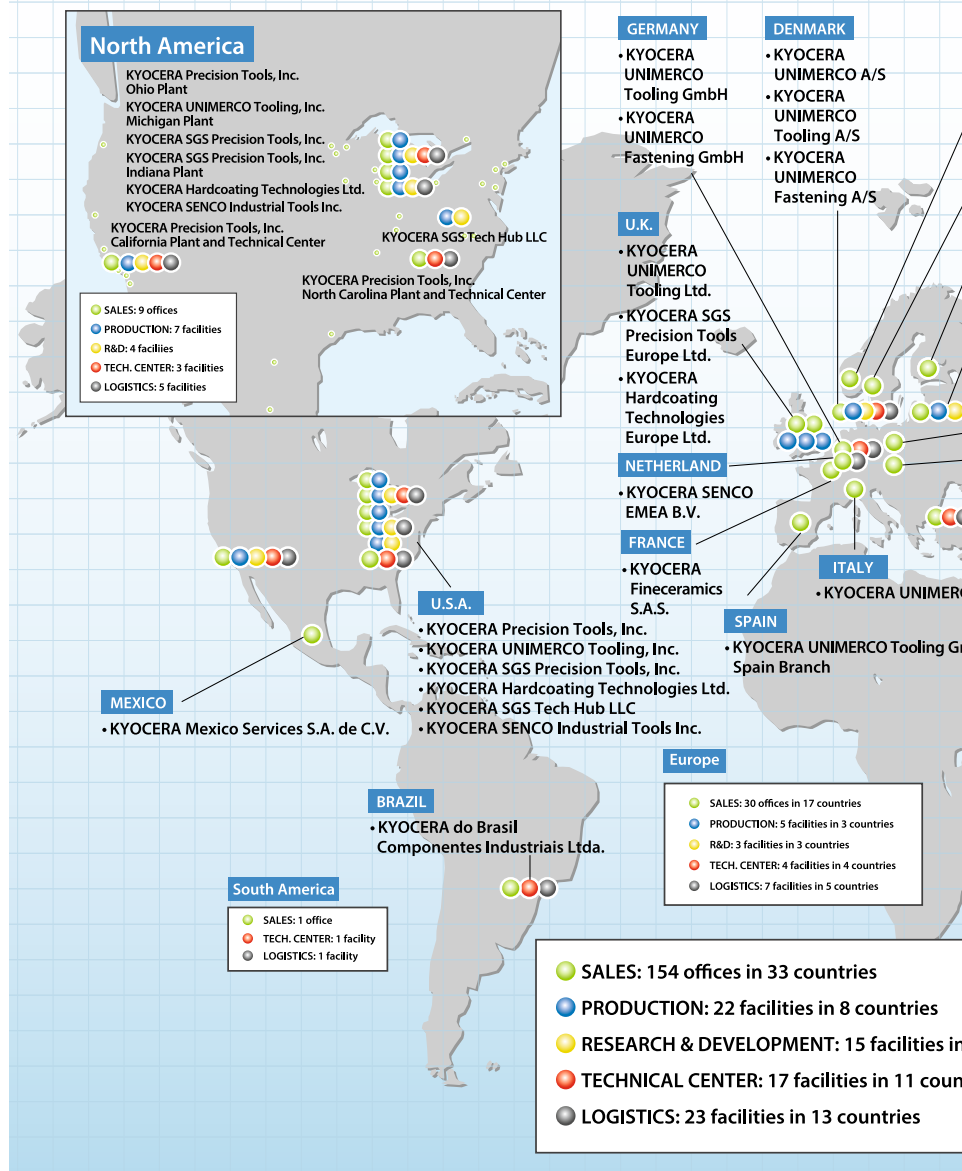


India Plant (Jamshedpur, India)



Thailand Technical Center (Amata Nakorn, Thailand)

Kyocera Industrial





Nagano Okaya Plant (Nagano, Japan)



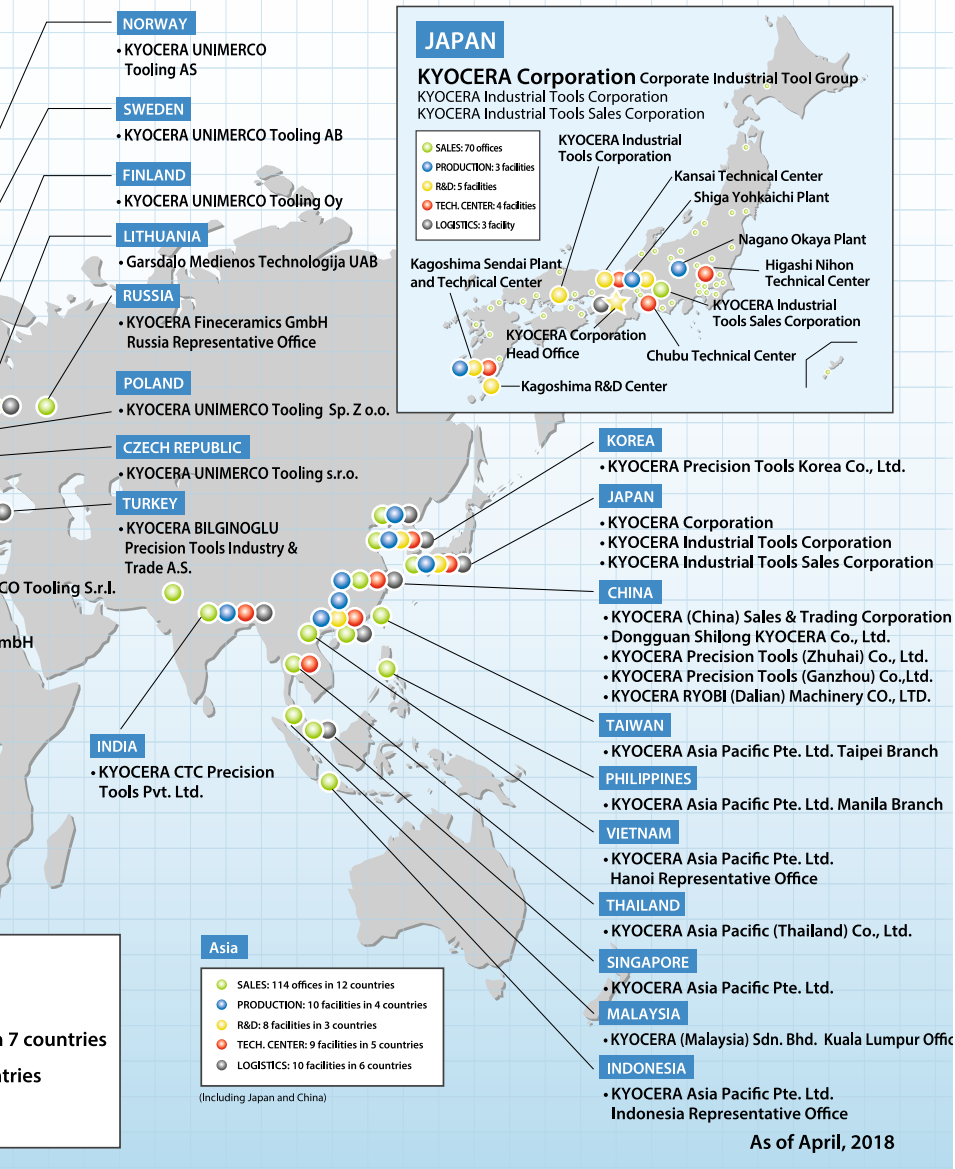
Shiga Yohkaichi Plant (Shiga, Japan)



Kagoshima Sendai Plant (Kagoshima, Japan)

Industrial Tools Group

(Country / Region)



Higashi Nihon Technical Center (Saitama, Japan)



Chubu Technical Center (Aichi, Japan)



Kansai Technical Center (Shiga, Japan)



Korea Plant (Incheon, Korea)



Ganzhou Plant (Jiangxi, China)



Zhuhai Plant (Guangdong, China)



Dongguan Plant (Guangdong, China)



Shanghai Plant (Shanghai, China)

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ADVANCING PRODUCTIVITY

KYOCERA Cutting Tools

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