



COMPANY PROFILE

Ⓣ **Osaka Tokushu Kokan Mfg. Co., Ltd.**

OTK possess advanced technology that is the highest level in the world. We manufacture a wide variety of steel pipes, contributing to many industrial fields around the world.

In the field of large diameter steel pipes, which supports the foundation for the flourishing of the industrial world, OTK has continuously supplied into the world, high quality products based on our original technological strengths. The history of OTK dates back to our start as a welded steel pipe factory that was founded in 1957 in Mitejima, Osaka.

We have consistently expanded the scale of our business with the establishment of the Shiga Plant in 1970 and the Tokushima Plant in 1991. Not bound by the status quo of the industry, our superior and revolutionary products have been highly praised from many fields. OTK large diameter steel pipes are used in a wide variety of fields including oil refining plants and symbolic landmark structures in major cities.

Although we mainly specialize in the construction of steel pipes for “oil development,” “power plants,” “building construction” and “industrial machinery,” we have also challenged ourselves in the special materials such as duplex stainless steel and high nickel alloy clad steel to participate in new fields so that we can meet global needs.

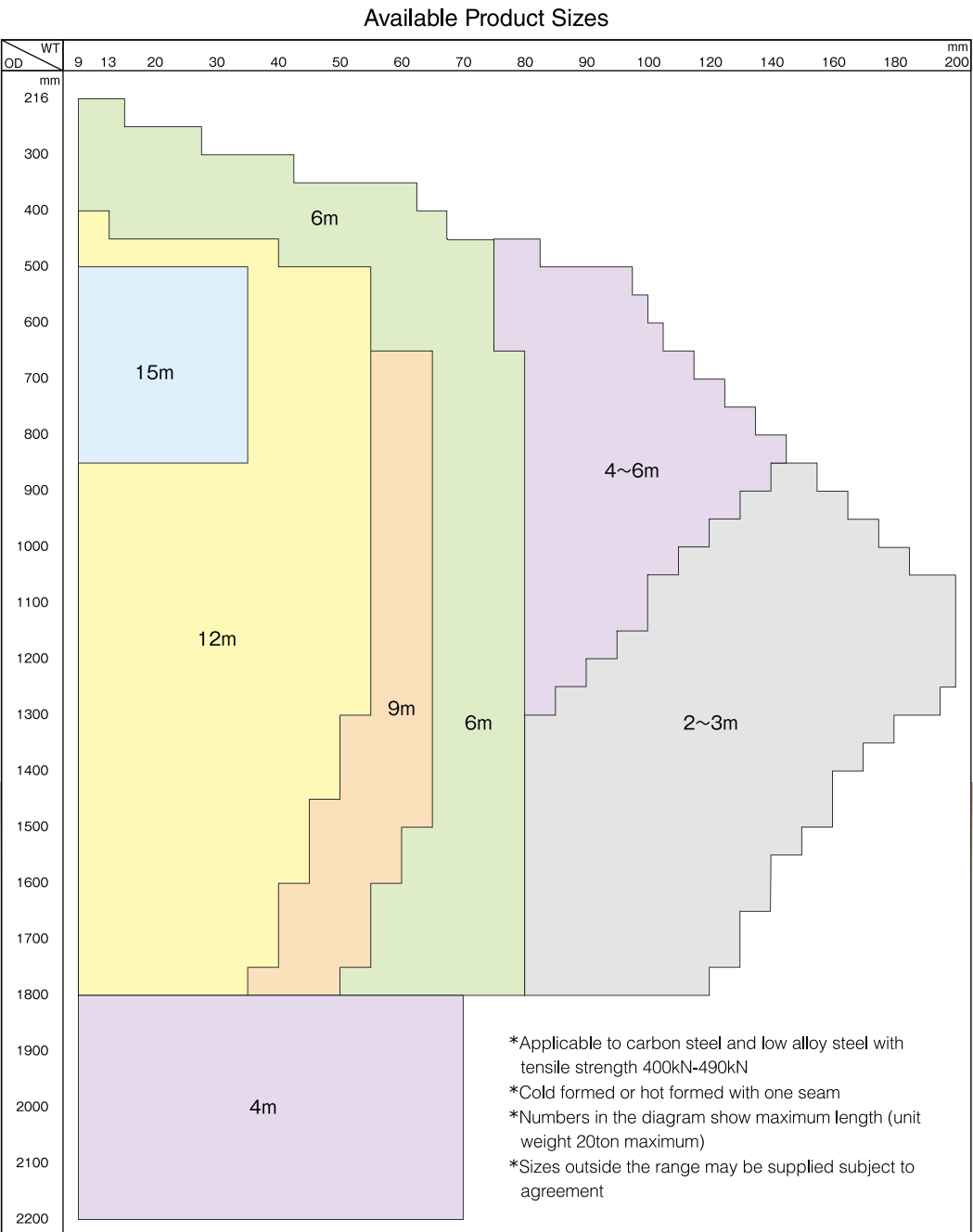
At OTK, we strive to further improve our technological strengths based on the know-how we have accumulated over half a century and we will continue to move forward into the future with the objective of creating steel pipes that are of greater use to society.



Seasoned expert professionals
with their specialized knowledge of various
materials meet a wide variety of needs
from small lots to special specifications

The OTK's original technological strengths are strengths that we can boast to the world. The seasoned professionals, who have been passionate about steel pipe manufacturing, are the people who support this. Expert professionals with decades of experience in the field flexibly handle all kinds of projects that require precision adjustments and high levels of technological skill such as the bending of special materials and the welding of thick heavy wall steel pipes. Through this, our professionals are able to form any kind of pipes that meet customer requests.

OTK is able to manufacture even small lot orders that consist of a single pipe, non-standard and irregular sizes, as well as steel pipes that are not available by automated processes. Through this flexibility in handling all kinds of orders and our technological strengths, we are able to meet a wide variety of needs.





Press forming



Inside welding



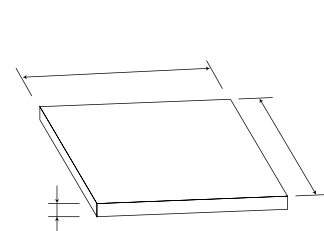
Outside welding



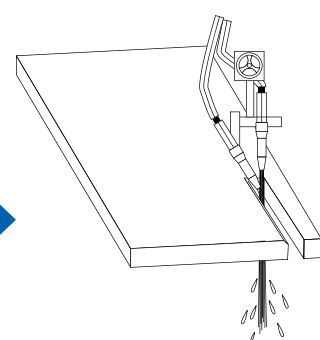
Heat treatment



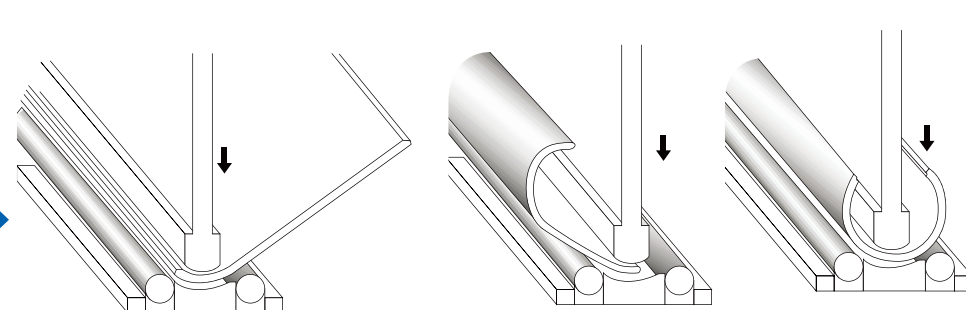
Reforming



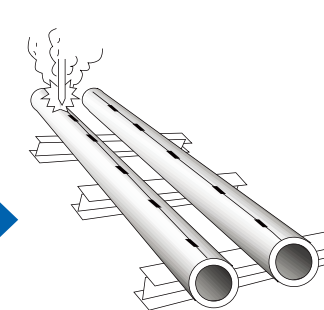
1 Material Receiving Inspection



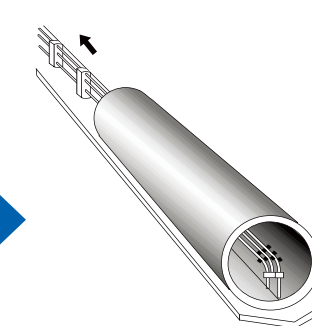
2 Cutting & Edge Preparation



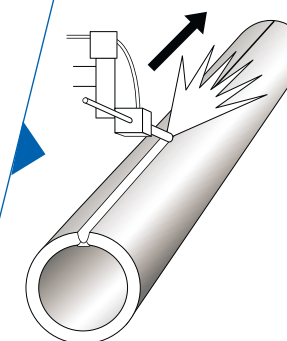
3 (Cold & Hot) Press Forming



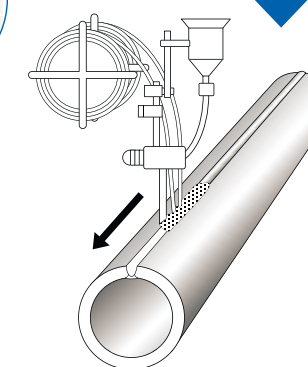
4 Tack Welding



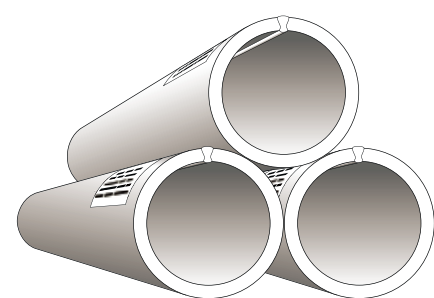
5 Inside Welding



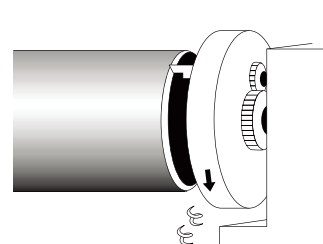
6 Back Gouging



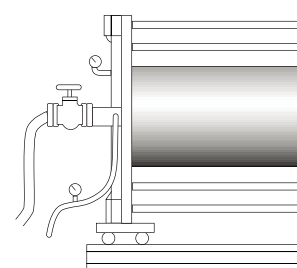
7 Outside Welding



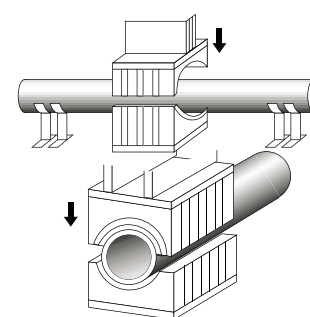
13 Marking & Coating



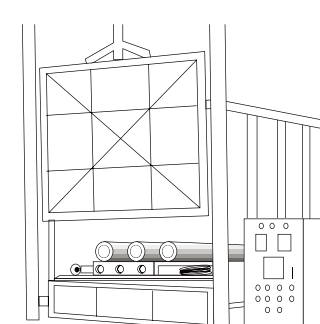
12 End Finishing



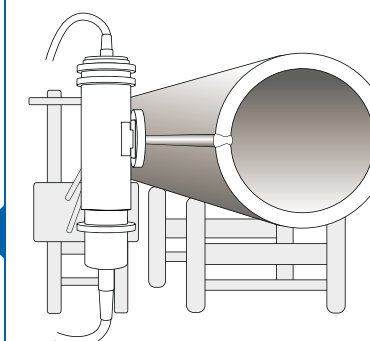
11 Hydrostatic Test



10 Reforming



9 Heat Treatment



8 Nondestructive Testing

Manufacturing process

A large-scale plant that created the foundation for the development of the current day OTK Remarkable Breakthroughs sent forth from this Plant.



The Shiga Plant, established in 1970, has been passed on to it the technology and history of the OTK Osaka Plant. The plant manufactures approximately 1,000 tons of products monthly, mainly for domestic customers.

The Shiga Plant mainly handles domestic projects and is equipped with original equipment developed by ourselves to handle the processing of a wide variety of steel pipes such as hot bending and the processing of special alloy steels even just one length of pipe. In addition, one of the advantages of OTK is our extensive array of testing equipment, vital to maintaining product quality. The integrated management of all production processes accomplish efficient steel pipe production.



A large-scale manufacturing hub located on the oceanfront for large scale overseas projects
 From this plant, our extraordinary technological achievements go beyond the oceans, all over the world



The Tokushima Plant was established in 1991 to accommodate the increase in large-scale overseas projects. The plant was expanded by adding shop No.2 in 1998 and boasts a manufacturing output of approximately 2,000 tons a month, mainly for overseas projects such as oil related products.



The Tokushima Plant, located in the industrial zone at the mouth of the Kyu-Yoshinogawa River in Tokushima, is equipped to handle both large scale domestic and overseas projects such as those related to oil refinery plants in cold regions.

The biggest advantage of this plant is that sea transportation is available to carry extremely wide steel plate materials as well as large scale final products efficiently by sea. The factory mainly produces large lot products for overseas as well as stainless steel pipes and products with specific requirements such as buckle arresters.

Plant operations are such that they are always ahead of the times through such efforts as replacing automatic ultrasonic inspection systems with brand new digital systems.



Oil and
natural gas
industries



Offshore structures (jackets)



Oil refineries

Structures



Roppongi Hills



Tokyo Skytree

Power plants



Thermal power plants



Paper machines

Industrial
machinery



Large scale power shovels



Non-destructive testing and mechanical testing with new, state-of-the-art equipment

Both the Shiga and Tokushima plants are equipped to conduct non-destructive testing through ultrasonic and radiographic as well as mechanical testing to test strength, toughness and hardness. Our products are subjected to strict in-house quality standards both during and after production, with specialized inspectors repeatedly and thoroughly testing the products.



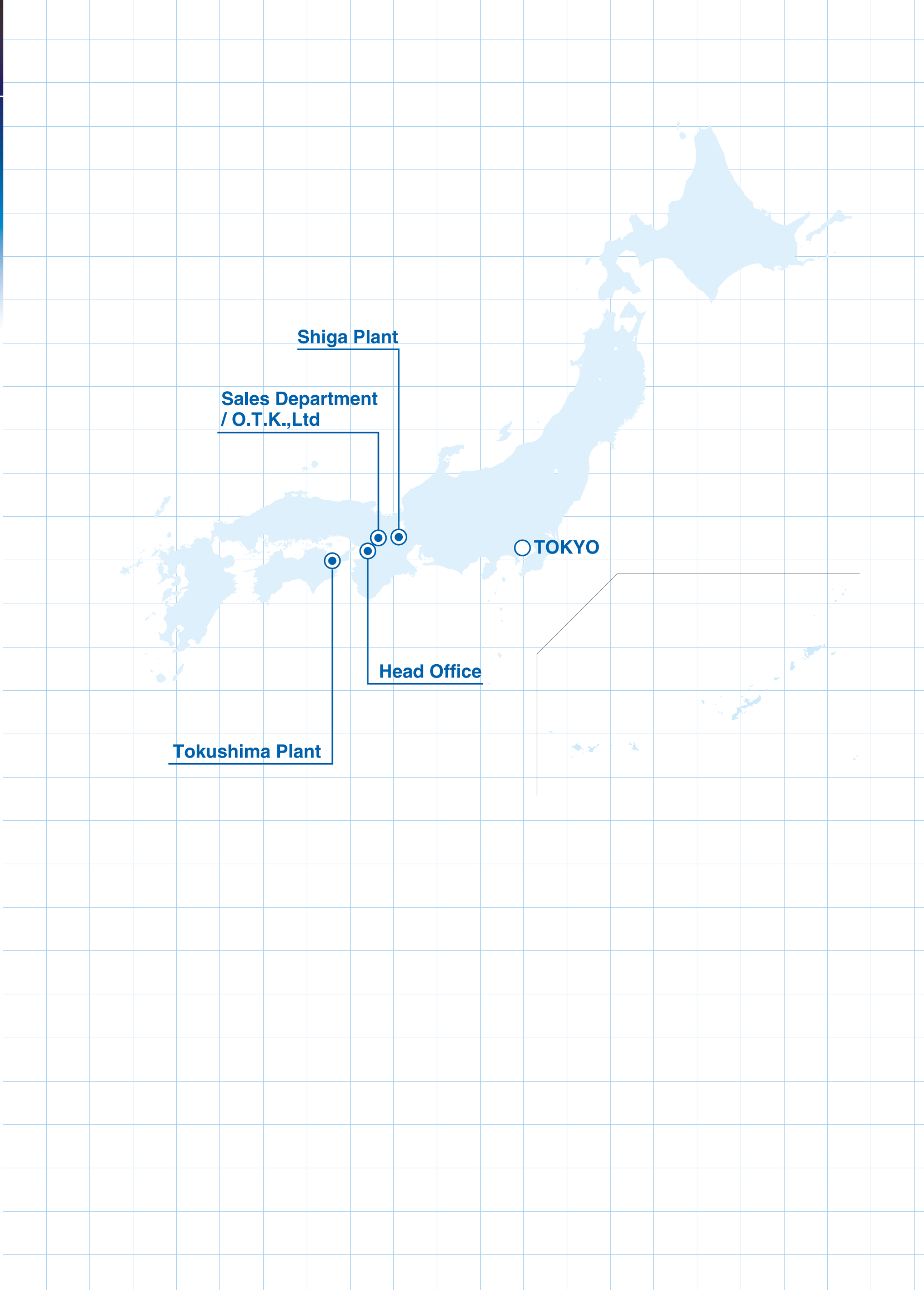
Digital Automatic Ultrasonic Testing System (AUT)



Radiographic imaging equipment



Hydrostatic testing equipment



Materials testing equipment



Amsler tensile testing machine



Charpy impact testing machine



Brinell hardness testing machine, Vickers hardness testing machine

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