



New Piercing Machine at Yamato

This edition is written by a newcomer in our sales department.

As you may know, the State of Emergency was lifted in Japan on October 1st. Regardless of whether the lifting of the SOE was due to increasing vaccination rates or due to the decreasing number of infected persons, we're sure that all of you reading our newsletter feel more at ease now than before.

At Yamato Gokin, we refrained from business trips until the number of infections stopped increasing daily; however, things have begun to run more smoothly once again. Although contact between us and our valued customers and contacts may have decreased or become neglected, we believe we will have the opportunity to get back in touch as situations improve.

Thank you for reading our lengthy introduction above. In this month's newsletter, we are announcing the installation of new machinery that was briefly mentioned in July's newsletter.

Mannesmann Piercing Machine (Hot Drilling Machine / Punch Machine)

(Total length: 23m)

Features:

Produces large materials in the shape of a pipe for use in various kinds of industrial machinery

Production range: Outer diameter of $\phi 170 \sim 350\text{mm}$, inner diameter of $\phi 120 \sim 250\text{mm}$, and total length of roughly 2,500mm

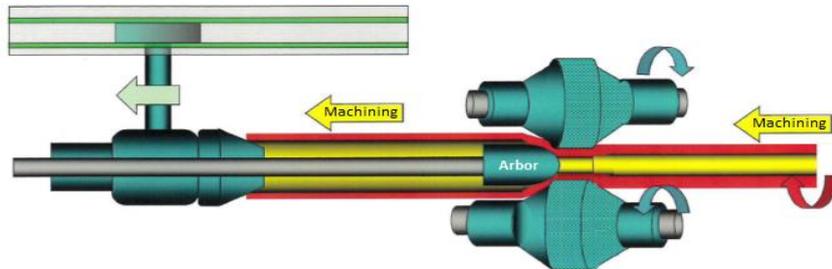


We introduced the piercing machine as “new,” but in fact, we purchased the machine second-hand from a fellow company in the industry that was not planning to use it any longer. The core portion of the piercing machine was made roughly 100 years ago in Germany, and there are only two of these German cores in Japan now. You may be thinking, “How is something made 100 years ago still working now?” You can say that the piercing machine is a very valuable and antique piece of machinery, so please do come to Yamato Gokin and our Miyoshi Gokin factory to check it out.

Now that the piercing machine has successfully been installed at our Miyoshi Gokin factory, we are continuing to conduct test runs. Through trial and error, we are determining what materials we can and cannot make, and we are aiming to reach a stage of mass production utilizing the piercing machine in the near future.

Some of you may see the above photo and still wonder what the piercing machine is and what it can actually do, so we have provided an easier to understand diagram below.

Mannesmann Piercing Machine



Due to the turning of the machining roll, the material is extruded in the direction of machining.

Miyoshi Gokin Kogyo, Co., Ltd.

By extruding the solid bar material while rotating it from left to right, the machining roll changes the shape of the material to that of a hollow round bar or pipe and elongates the bar by drawing out its length.



(Finished material)

Currently, we mainly produce material that is used in various kinds of industrial machinery; however, with the use of the piercing machine, we plan to increase our productivity, make longer materials that we couldn't have made before and contribute to better yields for cutting and use of our materials.

*If you would like inquire directly with us regarding our piercing machine, we can provide you with materials that further explain the production process of materials produced using the machine.

At Yamato Gokin, we strive to continue expanding our equipment and machinery to better support our customers, so we may introduce even more new machinery in the coming months. Furthermore, we welcome any questions or comments you may have about both our new and older machinery, and we hope you look forward to reading our next newsletter.

Thank you for reading and for your continued support.