



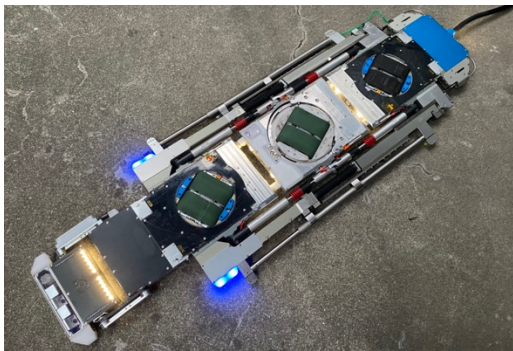
Hibot Seals Agreement with GE for Commercialization of System for Inspection of Generators

Will expand HiBot's application portfolio of robots for infrastructure inspection

(Tokyo, May 11) Hibot Corp., an innovative robotics start-up pioneering infrastructure maintenance applications, announced today that it has sealed an agreement with General Electric. This new agreement will enable hibot to offer a new system for inspection of generators, in order to broaden the reach of hibot's RaaS (Robot as a Service) model, encompassing also the power generation industry.

The robotic system, named GEEP (Generator Exploration Platform), was developed by hibot under a license from General Electric Technology GmbH, one of the global leaders in the field of power generation with turbo-machinery, to perform inspection inside generators without the need to remove the rotor. GEEP makes use of hibot's expertise with mobility in confined and hazardous environments, and extremely compact and custom-made electronics. In addition, GEEP benefits from HiBox, hibot's platform for data processing, management and integration tailored toward inspection and maintenance of industrial infrastructure.

"It feels like we have placed 20 years of know-how within a 20mm-thick machine. GEEP will change the way generator inspections are carried out", said Michele Guarnieri, CEO of hibot. "Society depends on the electricity that comes from generators, and we are happy to make their inspection faster, safer and more efficient".



GEEP on its flat posture (left) and inside a generator mock-up (right)

GEEP can operate in a wide range of generators, with entrance gaps as narrow as 0.9" (22.86mm), and air gaps up to 6" (150mm). Such degree of flexibility allows GEEP to cover most of the generators used in the power generation industry. GEEP boasts high-definition cameras for detailed visual inspection of generators, and an autonomous navigation mode, which frees the operator to perform other tasks while the machine is inspecting the generator. It can be equipped with additional sensors, such as EICid and tapping sensors to inspect the integrity of wedges.

Another feature that sets GEEP apart from other similar machines is the capability to generate continuous 2D or 3D maps of the entire surface of the rotor and stator. Due to the high definition cameras and a localization system, the system allows for precise location of defects and visualization of the entire asset at a glance.

Nobuo Akutsu, General Manager of the Business Development Department of Tokyo Power Technology, commented, "GEEP's mobility and ease of operation are some of the advantages we especially appreciate. With this technology, and by integrating different types of sensors, it becomes much easier to introduce efficient robot inspection for generators."



Link to the video of GEEP:
https://www.youtube.com/watch?v=xTC_zVZTly



About HiBot

Established in 2004, HiBot is a robotics start-up originating from within the Tokyo Institute of Technology, committed to realizing a safer and more sustainable world by creating new trends in infrastructure inspection and maintenance. HiBot develops and utilizes AI-powered remotely controlled robots that allow human beings to be removed from dirty, dangerous or demanding working environments. HiBot's robots have been applied in search and rescue missions, and have been used during decommissioning work at Japan's Fukushima No. 1 nuclear power plant. CEO: Michele Guarnieri.

For more information, see <http://www.hibot.co.jp>

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Appendix 1: About HiBox

HiBox is a new AI-based data platform capable of integrating smart devices such as mobile robots with autonomous data-processing services, thereby allowing creation of a digital copy of the infrastructure. The data collected and processed by the cloud-based HiBox will make it possible to remotely visualize inspection results, and to predict the likelihood of failures and defects by processing the accumulated data using artificial intelligence.

The key advantages of HiBox are a reduction in infrastructure downtime and of inspection work and cost, as well as increased safety and efficiency. HiBot is already working with global leaders in the fields of power generation, aeronautics and chemicals with trial inspection missions using HiBot's smart tools and HiBox.

