

July, 2, 2025

KaTRIS wins the 2025 SICC AWARDS

The “Autonomous Concrete Finishing Robot” ,jointly developed with Kajima Technical Research Institute Singapore (KaTRIS), was highly praised at the 2025 SICC Awards, hosted by the Singapore International Chamber of Commerce (SICC), in winning the Award for Most Transformational Collaboration.

The SICC Award was featured on CNA’s special program “Collaborate to Innovate” (broadcast on May 29, 2025) and attracted considerable attention.

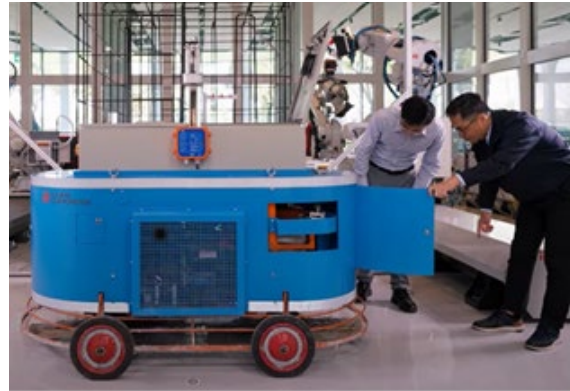
About the SICC AWARDS

Established in 2015 and awarded in five categories, the SICC AWARD aims to encourage collaboration between companies for innovation and growth. As for the 2025 SICC AWARDS, the three parties who jointly developed the "Autonomous Concrete Finishing Robot"- Kajima Corporation, government developer JTC Corporation (JTC), and Nanyang Polytechnic (NYP)—were jointly awarded in

recognition of their collaboration between industry, academia, and government in the field of technology transfer from seed technology to actual business.



At the award ceremony
(From left)
Deputy Prime Minister Heng,
Chief Research Engineer Dr. Chae



Development status of concrete-floor-finishing robot
(From left)
NYP Dr. Benjamin Ma,
KaTRIS Chief Research Engineer Dr. Soungcho Chae

Summary of the winning project

The robot was developed over a two-year period (starting in April 2021) with research funding from JTC. Aiming to reduce the labor required for concrete-floor-finishing work by automating existing manual machines, we created a simulation environment by using a digital twin, which was controlled through actual machine testing. As a result, we created a platform that can operate automatically in the same way as an experienced operator.

Kajima will continue to uphold our motto of “creating innovation across borders” as we take on global challenges and create new value.