



Trial test of leading-edge vacuum robots has begun at KIX!

Kansai Airports is pleased to announce the trial operation of state-of-the-art robot vacuum cleaners at Kansai International Airport (KIX).

This trial test comes as Kansai Airports targets to fully introduce the vacuum-type cleaners to beef up a troop of the scrubbing-type cleaners that have already been up and cleaning the terminal buildings. Capitalizing on rapidly-advancing robot technology, the company aims at providing more comfortable and cleaner airport environment, all while improving service quality through more effective allocation of human resources.

The autonomous vacuum robots, capable of cleaning floors and carpets in the terminal buildings, come equipped with functions to help them detect and avoid obstacles as well as memorize map and operational data. Users can monitor the operational status via a smart phone or PC. With their excellent operational efficiency, the robots can keep on cleaning for nearly three straight hours on a single charge.

Kansai Airports is committed to actively introducing cutting-edge technologies in pursuit of improving the convenience of the airports and providing a comfortable and new travel experience.

[Trial Test Outline]

- Period: From July 1 to July 31, 2019
- Location: International gate lounge, Terminal 1
Domestic gate lounge, Terminal 2
- Robot: AI cleaning robot 'Whiz' by Softbank Robotics Corporation



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- Powered by its most advanced artificial intelligence
- Creates and memorizes map data
- Selects a cleaning route based on the surrounding environment

Size: Approx. 455mm (W) x 474mm (L) x 653mm (H)
Weight: 30kg (excluding a battery)

The names and logos of Whiz and AI Cleaning PRO are either registered trademarks or trademarks of Softbank Robotics Corporation.

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KIX ITAMI KOBE



Kansai Airports was established by a consortium made up of VINCI Airports and ORIX Corporation as its core members. Kansai Airports took over the operations of Kansai International Airport (“KIX”) and Osaka International Airport (“ITAMI”) from New Kansai International Airport Company (“NKIAC”) and has been operating the two airports since April 1, 2016.

Kansai Airports Kobe, Kansai Airports’ wholly-owned subsidiary, took over the operations of Kobe Airport (“KOBE”) from Kobe City and started its business as an operating company on April 1, 2018.

Under the concept of “One Kansai Airports Group”, Kansai Airports group strives to continuously improve its services for all airport guests through appropriate investments and efficient operations, with safety and security being the top priority. Kansai Airports group aims to maximize the potential of the three airports, for the benefit of the communities they serve.

For more information, please visit : <http://www.kansai-airports.co.jp/en/>

Kansai Airports

Location	1-banchi, Senshu-kuko kita, Izumisano-shi, Osaka	Shareholders	ORIX 40%, VINCI Airports 40%, Other investors 20% ¹
Company Representatives	Representative Director and CEO:Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kansai International Airport and Osaka International Airport		

Kansai Airports Kobe

Location	1-ban, Kobe-kuko, Chuo-ku, Kobe-shi, Hyogo	Shareholder	Kansai Airports 100%
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kobe Airport		



ORIX Corporation (TSE: 8591; NYSE: IX) is an opportunistic, diversified, innovation-driven global powerhouse with a proven track record of profitability. Established in 1964, ORIX at present operates a diverse portfolio of businesses in the operations, financial services, and investment spaces. ORIX’s highly complementary business activities span industries including: energy, private equity, infrastructure, automotive, ship and aircraft, real estate and retail financial services. ORIX has also spread its business globally by establishing locations in a total of 37 countries and regions across the world. Through its business activities, ORIX has long been committed to corporate citizenship and environmental sustainability. For more details, please visit our website: <http://www.orix.co.jp/grp/en/>



VINCI Airports, as the leading private airport operator in the world, manages the development and operation of 46 airports located in France, Portugal, the United Kingdom, Sweden, Serbia, Cambodia, Japan, the United States, Dominican Republic, Costa Rica, Chile and Brazil. Served by around 250 airlines, VINCI Airports' network handled 240 million passengers in 2018.

Through its expertise as a comprehensive integrator, VINCI Airports develops, finances, builds and operates airports, leveraging its investment capability, international network and know-how to optimize the management and performance of existing airport infrastructure, facility extensions and new-build construction projects. In 2018, its annual revenue for managed activities amounted to €3.6 billion, for consolidated revenue of €1.6 billion.

More comprehensive information is available on www.vinci-airports.com

¹ ASICS Corporation; Iwatani Corporation; Osaka Gas Co., Ltd.; Obayashi Corporation; OMRON Corporation; The Kansai Electric Power Company, Incorporated; Kintetsu Group Holding Co., Ltd.; Keihan Holdings Co., Ltd.; Suntory Holdings Limited; JTB Corp.; Sekisui House, Ltd.; Daikin Industries, Ltd.; Daiwa House Industry Co., Ltd.; Takenaka Corporation; Nankai Electric Railway Co., Ltd.; NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION; Panasonic Corporation; Hankyu Hanshin Holdings, Inc.; Rengo Co., Ltd.; The Senshu Ikeda Bank, Ltd.; Kiyo Holdings, Inc.; The Bank of Kyoto, Ltd.; THE SHIGA BANK, LTD.; The Nanto Bank, Ltd.; Nippon Life Insurance Company; Mizuho Bank, Ltd.; Sumitomo Mitsui Trust Bank, Limited; MUFG Bank, Ltd.; Resona Bank, Limited; and the Private Finance Initiative Promotion Corporation of Japan.