



September 30th, 2015

CYBERDYNE Inc.

Japan Airport Terminal Co., Ltd.

**Next Generation Robots Introduced to Haneda Airport
Domestic Passenger Terminal!
~HAL® for Labor Support (Lumbar type), Transport Robot,
and Cleaning Robot Commence Operations~**

CYBERDYNE Inc. (“the Company”) will introduce its HAL® for Labor Support (Lumbar type), Transport Robot, and Cleaning Robot to Haneda Airport’s Domestic Passenger Terminal building on September 30th, 2015. Starting with this installment, the Company will continue to bring about the future of airports utilizing next generation robots that harness Cybernic technologies*.

1. Summary of Introduction:

With the purpose of providing airport customers with high quality service that focuses on safety, reliability, and convenience, creating a healthy and work-friendly environment for airport employees, and dispatching Japan’s cutting-edge technologies from Haneda Airport – the primary entranceway into Japan, the Company and Japan Airport Terminal Co., Ltd. (“Japan Airport Terminal”) signed a basic agreement on July 2nd, 2015. The Company’s HAL® for Labor Support (Lumbar type), Transport Robot, and Cleaning Robot had undergone some pilot tests for working in Haneda Airport’s Domestic Passenger Terminal, and now the robots, ready for the next stages of implementation, will commence practical operations.

2. Implemented robot types and their target operations

(1) HAL® for Labor Support (Lumbar type) x 3

Target Operations: Work related to logistics, supplying merchandise, loading and unloading airport buses

(2) Transport Robot x 3

Target Operations: Transporting cargo in basement warehouses

(3) Cleaning Robot x 5

Target Operations: Interior cleaning of the airport, cleaning floors of stores, etc.

3. Date of commencement of operations

Having verified their proper implementation from the pilot tests run in August 2015, the robots’ operations will begin on September 30th, 2015



4. Future Developments

With this deployment, the Company will gain better understanding of the effects and issues surrounding the use of robots in airports, and through this information, the Company will work to expand their various functions and operational areas, and increase their numbers. In addition, the Company will work with Japan Airport Terminal to research and develop new robots that will help decrease resource expenditures and upgrade the airport to new heights.

In conjunction with the entire Haneda Airport team and its affiliates, the Company will continue to envision the concept of future airports utilizing world-leading robot technologies, and contribute to the development of an increasingly exciting Haneda Airport.

**“Cybernetics (adjective: cybernetic)” is a new academic field that is a fusion of various fields, namely, cybernetics, mechatronics and information technology (core areas) and robotics, brain/neuroscience, biology, behavioral science, psychology, law, ethics, and kansei science (a fusion of human, machine, and information systems). Cybernetics is championed by Dr. Yoshiyuki Sankai, Professor of the University of Tsukuba Graduate School and CEO of CYBERDYNE Inc. Cybernetic technology is the practical application of Cybernetics to technology.*



The Robots that will be introduced to Haneda Airport (Images)



HAL® for Labor Support (Lumbar Type)
and Transport Robot

Cleaning Robots

Company Profile:

Company Name CYBERDYNE Inc.
Headquarters 2-2-1, Gakuen-Minami, Tsukuba,
Ibaraki Prefecture, 305-0818, Japan
Capital Stock JPY 16.511 Billion
Founded June 24th, 2004
Business Robot suit development, manufacture,
sales
Stock Code 7779

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