



## CASE STUDY\_ LIVING GOODS

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YUHAN-KIMBERLY



## Company Introduction

Yuhan Kimbly is a joint company of Kimberly Clack and Yuhan Yanghang. It is established in 1970 and for more than 40 years one of most famous company producing daily supplies in Korea.

Under the slogan “ the faith for better life”, Yuhan Kimbly is not only well known for good quality of product but also well known for good working circumstance which workers are desire to work (Awarded 3<sup>rd</sup> award of the most admired company in 2016, 1<sup>st</sup> award of the best company to work for in 2014).

## PROJECT OVERVIEW

<b>Company</b>	<b>Yuhan-Kimberly</b>
<b>Location</b>	Chungju, Korea
<b>Load</b>	Living Goods
<b>ASRS Storage Capacity</b>	9,072 cells
<b>Rack</b>	Rack supported building, Load Beam Type W 29.32 x L 71.55 x H 34.7(M)
<b>Stacker Crane</b>	7 vehicles (Single Fork Type)
<b>Automated Materials Handling Equipment</b>	2 RGVs, 143 Conveyors

# EQUIPMENT SEPCIFICATION



## Stacker Crane

- Traveling Speed : 240 m/min
- Forking Speed : 40 m/min
- Stability of load handing through smooth acceleration & deceleration controls by S-Curve



## Conveyor

- Conveyor Type: Chain conveyor
- Conveyor Speed: 30 m/min
- Handling size: 1,140W x 1,140L x 2,500/1,700H(mm)
- Handling weight: Max. 840kg



## RGV (Rail Guided Vehicle)

- Traveling speed: 210 m/min
- Loading speed: 30 m/min
- Twin, shuttle
- Accurate positioning by an encoder