



CASE STUDY_THIRD PARTY LOGISTIC

FREIGHT LINKS



Company Introduction

Freight Links Group is one of the leading international total logistics solution providers in Singapore. Since its establishment in 1981, international freight forwarding business has reached over 600 destinations throughout the world. Apart from strong strategic partnerships with over 120 freight forwarding agents worldwide, Freight Links Group has overseas offices located in Malaysia, Thailand, Hong Kong and China.

In Singapore, Freight Links Group's warehousing facilities occupy a total gross floor area of over 2 million square feet.

PROJECT OVERVIEW

Company	Freight Links
Location	Changi, Singapore
Load	Third party warehouse
ASRS Storage Capacity	15,390 cells
Rack	Free standing type, closed face (load beam type) W 30.1 x L 93.9 x H 29.1 (M)
Stacker Crane	7 vehicles (Single Fork type)
Automated Materials Handling Equipment	7 AGVs, Conveyors

EQUIPMENT SPECIFICATION



Stacker Crane

- Traveling speed: Max. 105 m/min
- Load weight: Max. 1,200 kg
- Single fork type
- Stability of load handing through smooth acceleration & deceleration controls by S-Curve



AGV(Automated Guided Vehicle)

- Traveling speed: Max. 60 m/min
- Real time control of material flow
- Less space for transportation
- Flexible and advanced navigation systems

EQUIPMENT SPECIFICATION



Conveyors

- Handling size: Max. 1200 x 1200 x 1600
- Handling weight: Max. 1,200kg
- Required throughput: 25.5 pallets/min
- Conveying Speed: 10 m/min