



# CASE STUDY\_PETROCHEMICAL

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PETROQUIMICASUAPE



## Company Introduction

Petroquímica Suape (PQS) is a venture joint of Pernambuco and Petrobras Química, which are implementing the Petrochemical Complex of Suape in Brazil. When Petroquímica Suape goes into operation in Year 2011, it will be the most important incorporated complex for polyester manufacture in Latin America. The Petroquímica Suape is structured in three different industrial units, which are PTA unit, Polyester Polymers & Filaments, and PET Unit.

## PROJECT OVERVIEW

<b>Company</b>	PetroquimicaSuape
<b>Location</b>	Saupe, Brazil
<b>Load</b>	Products of Petrochemical
<b>ASRS Storage Capacity</b>	26,488 pallet locations L 150.75 x W 36 x H 35.1(M)
<b>Rack</b>	Rack Supported Building Type  Single Deep /Single Fork
<b>Stacker Crane</b>	7 Vehicles
<b>Automated Materials Handling Equipment</b>	Conveyor System / RGV 1 / Vertical Lift 3

# EQUIPMENT SPECIFICATION



## Stacker Crane

- Speed: MAX. 220m/min
- Hoisting Speed: 70 m/min
- Forking Speed: 60 m/min
- Single Deep, Single Euro Fork
- Load Weight: Max 875kg/pallet



## RGV ( Rail Guided Vehicle)

- Overall Dimension: 1500 x 2700 x 1200
- Traveling Speed: 270/min
- Loading 30 m/min
- Load Capacity: 875 kg/pallet

# EQUIPMENT SPECIFICATION



## Conveyor

- Traveling speed: 15~30 m/min
- Controller: PLC
- Speed control : Inverter

