

# ASRS Reference – A leading food products company

**Application:** Storage Automation for Food Products in Cold storage

**Stacker Mechanism:** 22-meter height,

**Challenges Faced:**

1. Temperature in the cold storage was 2-8 degrees celsius, hence it was not suitable for manual handling.
2. Low productivity,
3. Low storage

**Solution:** ASRS implementation helped to eliminate manpower dependability through complete automation

**Benefit:**

1. Increased productivity
2. Increased storage due to maximum height utilization
3. 24 x 7 operations



**ASRS stacker crane based**

# ASRS Reference– A leading pharmaceutical company

**Application:** Warehouse Automation for RM/PM & FG

**Stacker Mechanism:** 16.5-meter height,

**Challenges Faced:**

1. Handling of wide range of SKUs
2. Inaccurate dispensing
3. Material Damage

**Solution:** ASRS implementation helped to automate storage & retrieval precisely through barcode based traceability

**Benefit:**

1. Accurate dispensing of RM/PM & FG
2. Cost effective solution due to aisle changing stacker crane technology
3. Possibility of material damage eliminated due to Manless Handling



**ASRS with Aisle Changing Car**

# ASRS Reference– A leading automobile company

**Application:** Storage Automation

**Component:** Part

**Stacker Mechanism:** 6.3-meter height, Travel Speed- 2.5m/sec

**Takt Time:** 100 Sec (Per pallet basis)

**Throughput:** 36/hour



**Miniload ASRS**

# ASRS Reference– A leading Textile Company

**Application:** Storage Automation for Textile Industry

**Stacker Mechanism:** 25-meter height,

**Challenges Faced:**

Managing 1200 types of skus

Shortage of space,

Manpower dependency

**Solution:** ASRS implementation helped to manage wide range of SKUs in lower space automatically

**Benefit:**

Smooth & Accurate Dispatches

Increased storage due to maximum height utilization

24 x 7 operations



**Unit load ASRS**