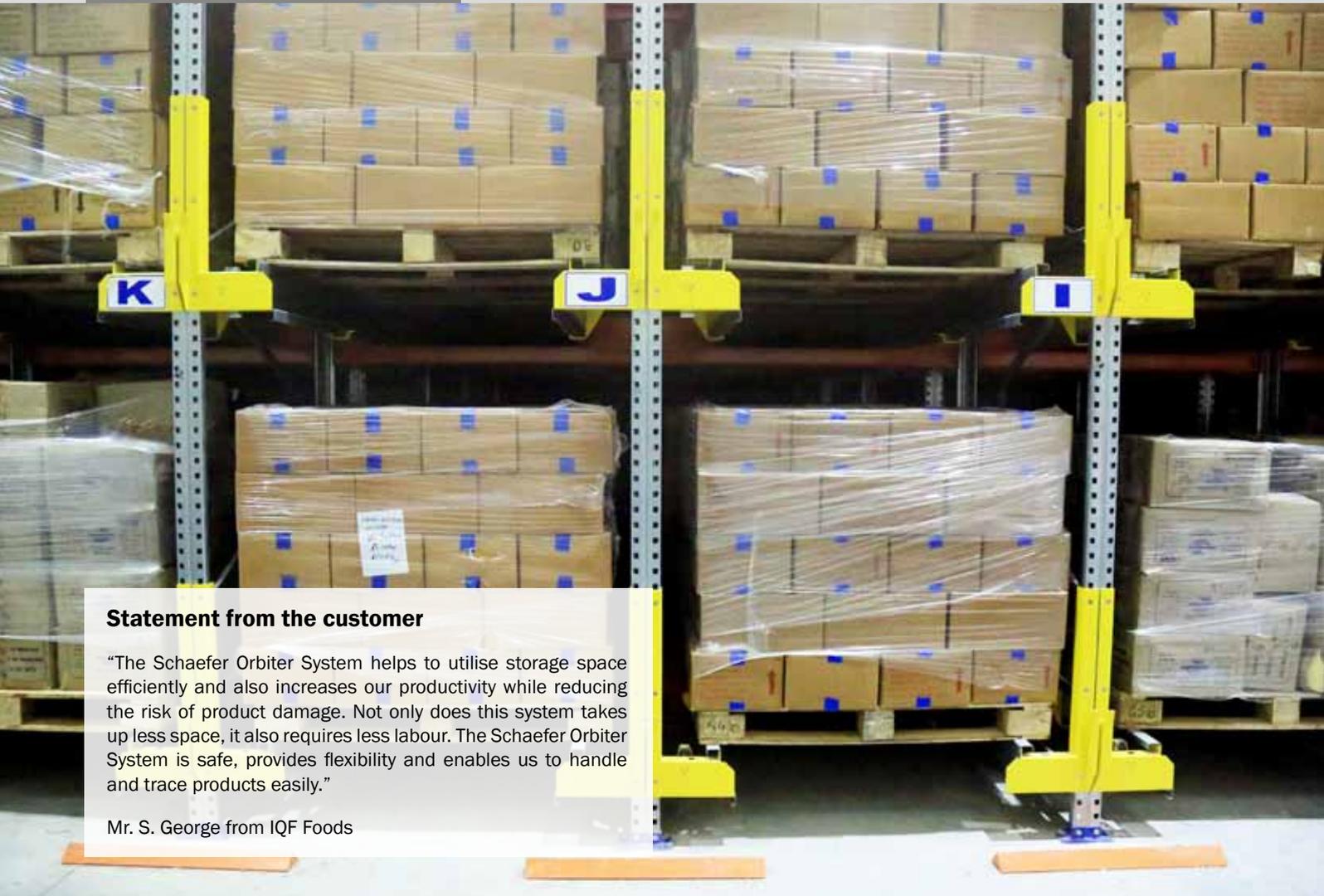




IQF Foods Limited

Maximising space utilisation with
channel storage system



Statement from the customer

“The Schaefer Orbiter System helps to utilise storage space efficiently and also increases our productivity while reducing the risk of product damage. Not only does this system takes up less space, it also requires less labour. The Schaefer Orbiter System is safe, provides flexibility and enables us to handle and trace products easily.”

Mr. S. George from IQF Foods

Project objectives

- ▶ Maximum space utilisation
- ▶ Allows for batch selectivity
- ▶ First-In Last-Out (FILO) application
- ▶ Easy pallet movement
- ▶ Increase warehouse efficiency
- ▶ Reduce movement of Material Handling Equipment

Scope of supply and services

- ▶ Schaefer Orbiter System with total of 2,400 pallet positions



IQF Foods Limited

IQF Foods Ltd. was established in the year 2000 to cater to the growing global demand for the large variety of Indian fruits and vegetables. The company is situated in Vemgal, Kolar, amidst the horticultural belt of South India. The company has supplied a number of fruit and vegetable products to several customers globally, most notable in Europe, the Middle East, United States and Canada. Their products are used as ingredients for further processing in foods such as juices and yogurts. They are also sold in retail packs without any further processing in well-known supermarket chains in Europe.

Project

Previously, IQF followed the practice of ground storage. Searching for a particular pallet from the entire lot stored on the ground and retrieving materials turned out to be a bottleneck in their warehouse operations. With the growing demand and changing business needs, IQF faced the challenges of pallet traceability and optimum space utilisation with the current ground storage method. In order to enable systematic operations in the warehouse, SSI Schaefer proposed to implement the Schaefer Orbiter System.

Using the First-In Last-Out (FILO) approach, the aforementioned system maximises space utilisation and provides batch selectivity as well as easy pallet movement. In addition, warehouse efficiency is also increased due to reduced movement of Material Handling Equipment.

The Schaefer Orbiter System installed at IQF's new storage facility consists of two cold rooms, creating a total of 2,400 pallet positions. With the increased storage capacity and ability to handle products systematically, the warehouse is now ready for faster picking and distribution activities.



In a nutshell

IQF Foods was previously using the method of ground storage, which caused retrieval activities to be a bottleneck in their warehouse operations. In addition, the growing market demand has led to a need for larger storage capacity. SSI Schaefer implemented a solution using the Schaefer Orbiter System, which compresses storage for maximum space utilisation, and increases warehouse operation efficiency through partially automated storage and retrieval activities.