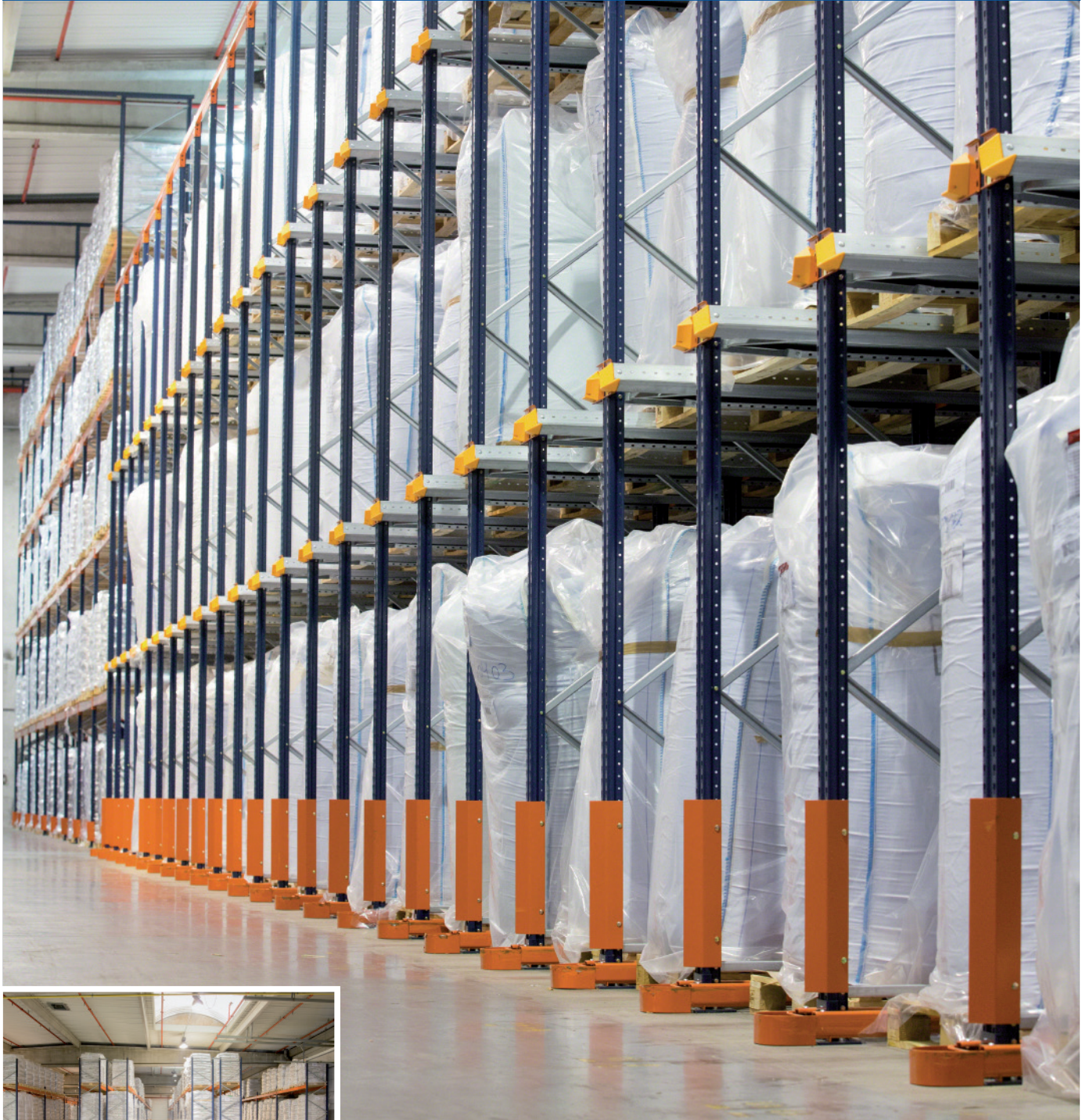


## Case study: Sedis Logistics

Two combined storage systems optimise the productivity of Sedis Logistics

Location: Belgium



Sedis Logistics, an internationally recognised Belgian logistics operator, now has a new 11,000 m<sup>2</sup> warehouse to serve one of its most important national customers. Conventional and drive-in pallet racks organise a great variety of different weight and sized SKUs with a capacity that exceeds 10,000 pallets.

## Needs of Sedis Logistics

Sedis Logistics is a logistical operator with an extensive distribution network that extends through Europe, Asia, America and Africa. It is characterised by offering flexible, personalised service that meets the prerequisites of its customers. The company needed to build a new warehouse to serve one of their major customers, an expert agro-food industry supplier.

After analysing the capacity requirements and flows of Sedis Logistics, Mecalux took charge of the construction of this new facility located in the town of Blandain (Belgium).

## The solution proposed by Mecalux

The warehouse has two distinct areas composed of drive-in and conventional pallet racking systems. The goods are located depending on their demand and size.

## Conventional pallet racking

The Sedis Logistics installation predominantly contains conventional racking, with 10 m high, single-depth racks set aside to store more than 6,906 pallets with a maximum weight of 1,000 kg each. This highly versatile solution allows the placement of a variety of different sized SKUs, as well as facilitating direct access to the products.

In this warehouse, they use reach trucks set up with a camera and screen. This is done to allow the operator to visualise the direction and movement of the forks at all times when handling goods. It is especially useful when working at higher levels.



## Drive-in racking

Bulkier products and consumer goods are mainly deposited on three tiered, 7.5 m high drive-in racks, offering a capacity of more than 3,100 pallets.

The levels feature high-resistance support rails on both sides. They are manufactured from galvanised steel sheet and have a triangular shape that allows pallets to be centralised, while taking up only 50 mm in height. At the ends of the storage channels, centring devices are set up for the successful entry of the loads.

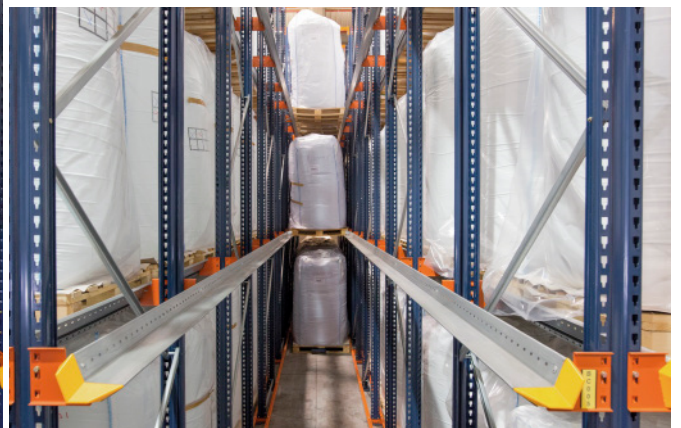
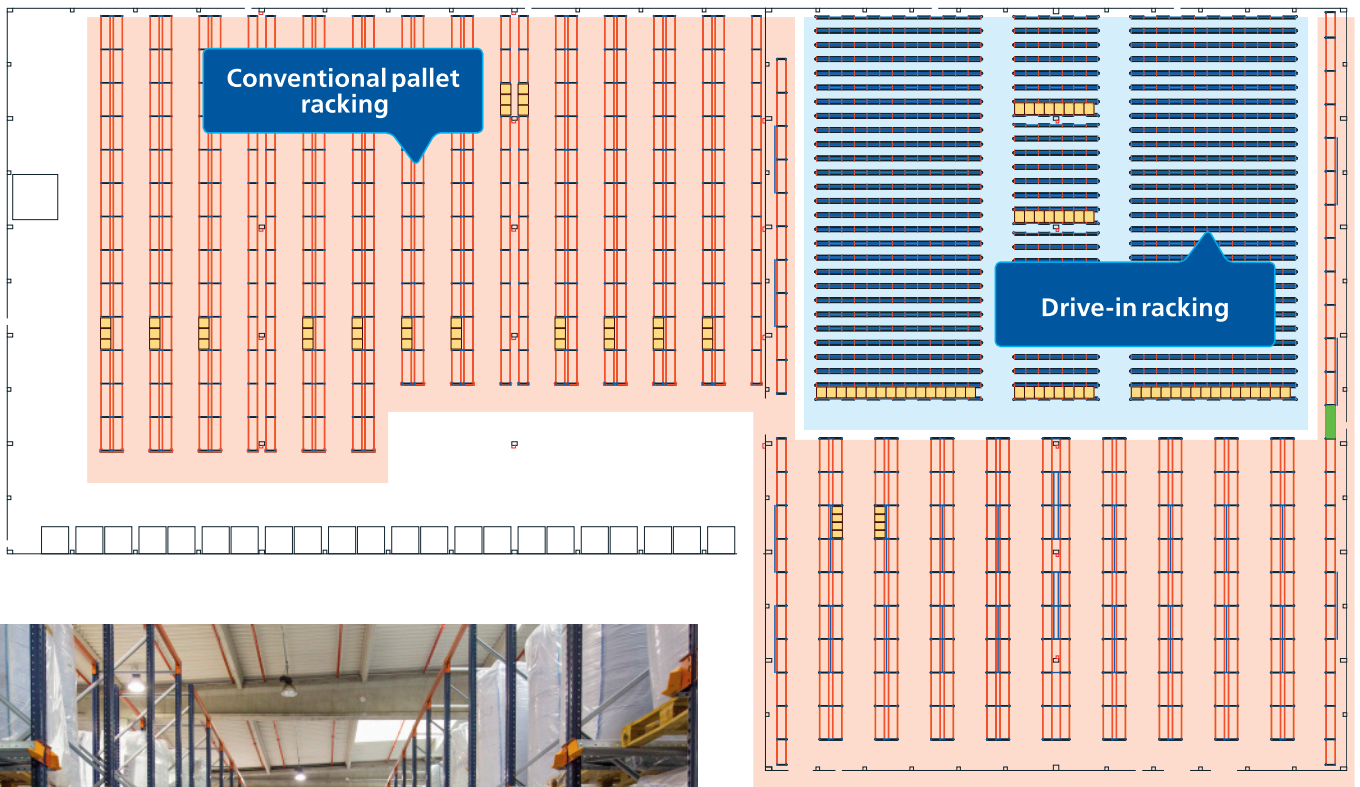
Each storage aisle on the ground level has had guide rails installed. These facilitate the centralised entry and circulation of the forklifts into its interior with greater security. Thereby, the possibility of accidental damage to the rack structure is reduced.

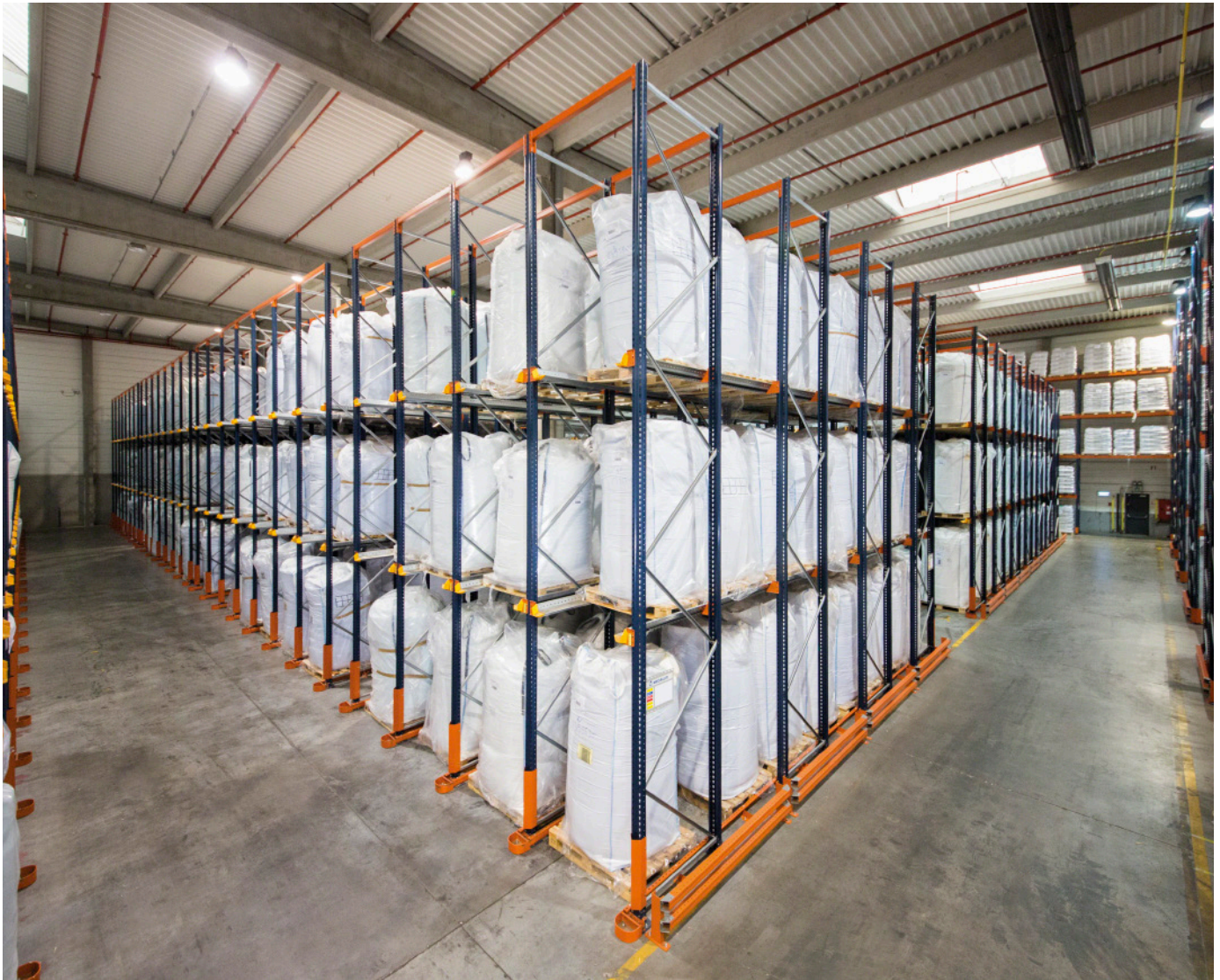
The warehouse mixes conventional and drive-in racking for a capacity of more than 10,000 pallets





Drive-in pallet racking in the centre and conventional racking on both sides of the aisle





### Advantages for Sedis Logistics

- **Better performance:** the drive-in and conventional systems coexist in the same installation with the aim of optimally arranging goods based on their size and turnover.
- **Boosted storage capacity:** the new warehouse has capacity for more than 10,000 pallets of various sizes.



### Technical data

#### Conventional pallet racking

Storage capacity	>6,906 pallets
Pallet size	1,000 x 1,200 mm
Maximum pallet weight	1,000 kg
Maximum racking height	10 m

#### Drive-in racking

Storage capacity	>3,240 pallets
Pallet size	1,000 x 1,200 mm
Maximum pallet weight	1,000 kg
Maximum racking height	7.5 m

