

## Case study: MetalERG

MetalERG manufacturing warehouse in Poland features pallet racks and the cantilever rack system

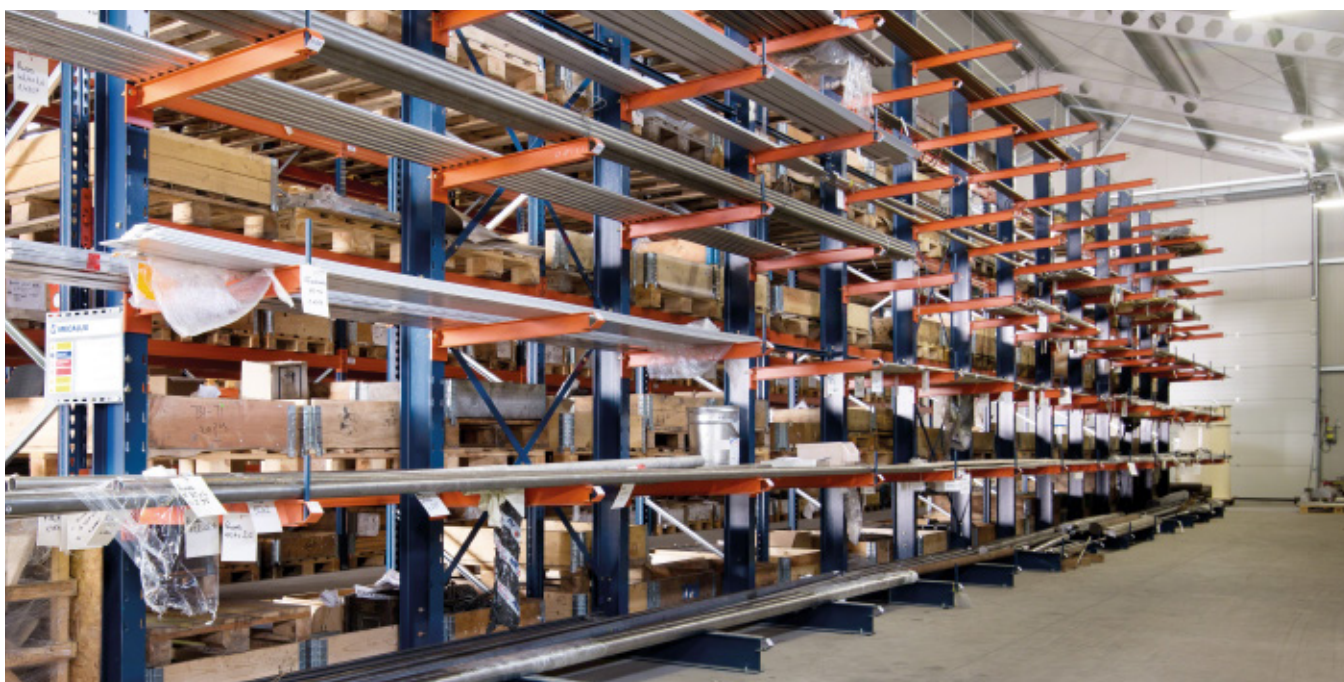
Location: Poland



**The metal profile warehouse of MetalERG comprises both pallet racks and cantilever racks. These two systems are able to accommodate different sized products with distinct features, as well as supply direct access to the goods, which translates into streamlined storage and pick tasks.**

### About MetalERG

Founded in 1967, MetalERG is a Polish company specialised in metal products. Its wide selection of products includes biomass boilers, a huge variety of medical instruments and air heaters. Poland, Denmark, Norway, Finland, Sweden, Scotland and Czechia are its main markets.



### Warehouse features

The MetalERG warehouse located in Oława (Poland) is allocated to housing metal profiles and materials used to manufacture the company's various products. More capacity to store and a solution that would streamline provisioning of the manufacturing centre was their aim.

With this in mind, Mecalux has fitted out the warehouse with pallet racks and cantilever racking systems. Three aisles feature 5 m tall, 23 long laterally placed pallet racks in the manufacturing centre.





Both the pallet racks and the cantilever ones feature direct access to the goods, which helps keep a handle on stock and carry out slotting and picking work speedily

Pallet racks are a highly-versatile storage system, pliant to any sort of unit load, whether you are dealing with pallets, containers or small-sized boxes. In this warehouse, palletised reserve stock is set up on higher storage bay levels, meaning lower ones are for pick tasks.

Meanwhile, extra-long aluminium profiles are deposited on the cantilever racking. Unit loads rest on the bays, which include columns with six cantilevered arms each. The highly-configurable components of the racks can be readjusted down the road, adapting to how big goods may be and the logistical requirement of MetalERG.



### Advantages for MetalERG

- **Versatility:** the cantilever racks hold extended profile sections, and the pallet racks, different sized pallets and boxes.
- **Dynamic workflows:** direct access to SKUs makes quick work of storage and picking tasks.
- **Full surface usage:** the storing of metal profiles means MetalERG gets the supply chain power it needs through its centre's new storage capacity.



### Technical data

#### Cantilever racking

Racking height	5 m
No. of levels	7

#### Pallet racking

Storage capacity	456 pallets
Pallet size	800 x 1,200 mm
Max. pallet weight	1,000 kg
Racking height	4.5 m