

High-speed doors for automated parcel handling

EFAFLEX supplies Czech Postal Service depot

The Czech Post is one of the largest nationwide providers of parcel services. In 2020, it handled more than 52 million parcels. Such a number of transported shipments places a considerable demand on logistic processes, employees, and its facilities. The depot in the Malešice district of Prague is one of the busiest distribution centres in the Czech Republic. In 2022, as part of the modernisation and acceleration of the logistics processes, the doors there were replaced with 14 high-speed doors from EFAFLEX.

Transport automation and speed

The decision to modernise the Malešice distribution centre was taken in response to the growing number of shipments and the ever increasing requirements placed on transport companies. In addition to the high number of transported parcels, the centre has another stand out feature: the shipments arrive there by both road and rail, and also leave the depot in the same way. The original on-site facilities were no longer sufficient for the growing requirements, as some doors weren't automated at the changeover points. Some of the doors had to be opened and closed manually, which failed to suit the increased automation of the transport of the shipments at the depot.

In recent years in particular, transport companies have had to cope with an ever-increasing number of shipments. This means that all the logistical operations have to be carried out as efficiently as possible. Thanks to their speed, reliability and exceptionally durable design, the doors from EFAFLEX make a significant contribution to ensuring the correct levels of speed and reliability during the handling and delivery of shipments. And that is also the reason why the doors from EFAFLEX are doing a great job at the Malešice depot of the Czech postal service.

Reliability and many opening cycles

At the Malešice depot, EFAFLEX has installed thirteen EFA-SST Essential high-speed doors and one EFA-SST-L ECO door in the suspended ceiling design. The deciding factors during the selection process included the advantages of the doors as well as the excellent price-performance ratio, their speed, reliability and durability, and their guaranteed annual number of cycles. In terms of the depot operations, where millions of orders are processed and a large number of opening cycles are put to full use, this is one of the key advantages of the EFAFLEX doors.

Energy savings

Another advantage of the doors from EFAFLEX is their contribution to energy savings. Even if it isn't obvious at first glance as to why the opening and closing speed is so important, the answer is actually straightforward. High-speed doors have a significantly faster opening and closing speed than sectional doors, and also have a longer service life. The high opening and closing speed of the doors prevents heat escaping from the building and therefore makes a significant contribution to energy savings. The door leaf, which are 40 mm thick, help save money due to their insulation capability. The installation of new high-speed doors also eliminates the need to open and close the doors manually. This not only means less heavy work for the depot staff, but it also saves them time, meaning that they can focus on handling the shipments.

Another part of the successful offer was the turnkey implementation of the entire order. In addition to the installation of the new high-speed doors, the old and worn-out doors were also dismantled and disposed of. The order also encompassed the construction of openings, the delivery and assembly of steel structures, the installation of constructions and the laying of power cables.

EFAFLEX company information

EFAFLEX manufactures high-speed doors for industrial applications. Founded in 1974, the company is used by customers from the world of industry, trades, food manufacturing and the chemical and pharmaceutical sectors. EFAFLEX is the only manufacturer of high-speed industrial doors to have been registered in the world market leader index and is therefore one of the 461 top companies in Germany, Austria, and Switzerland. The family-owned business has more than 1,400 employees worldwide. With its



headquarters in Bruckberg, Bavaria, Efaflex is firmly established as the largest employer in the region. Furthermore, with ten subsidiaries on five continents, the company is opening up international markets. More than 60 percent of EFAFLEX's revenue is generated abroad.

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