

Modernisation of landing doors with the MOD concept from Meiller

UK

In our last issue, (Lift-Report 4, p. [33] ff.), we presented the new modernisation concept for car doors, developed by the door experts from Meiller Aufzugtüren GmbH. Just to remind you: Meiller offers flexible solutions for car doors with several years under their belts that are now showing distinct signs of wear. They involve either exchanging the door mechanism, in which case the existing door panels and sills can remain in place, or the complete car door is replaced with standard Meiller door panels or panels with the dimensions of the existing ones (expected to be available from the fourth quarter of 2021).

However, this modernisation concept is not only of interest for car doors but for landing doors too. In many cases, decorative stainless steel architraves

or grand portals made of marble or other fine materials are located in the entrance area of the landing doors, which would also have to be dismantled in the event that the entire installation is replaced. Not only would the lift be unavailable for use for a much longer period due to the increased complexity of the rebuilding work, but residents would also have to put up with the dust and the noise for appreciably longer.

It is for this reason that Meiller has now also developed a flexible modernisation concept for landing doors. The existing landing doors, whether made by Meiller or another manufacturer, can remain in place. Moreover, it is not necessary to dismantle or break away the frame or any wall surrounds or portals on the corridor side. The only element that needs to be cleared out enti-

rely is the transom housing of the old door. A matching, pre-assembled modernisation kit is then installed in the empty transom housing and the height and depth adjusted accordingly with the aid of mounting brackets. The kit also contains a new closing weight connection and an adapter for the existing emergency release system of the old landing doors.

The hanger plates of the new door mechanism is connected to the existing door panels by means of adapter plates, which are supplied specifically for the order. The required dimensions can be determined quickly and easily in advance by the lift company with the aid of a clearly laid out technical data sheet, and the data then supplied along with the order.

However, if the door panels are already so worn that they also need replacing, Meiller can supply together with mechanisms also new door panels - as is also the case with car doors - in dimensions that correspond with the existing ones, such that no further adjustments are necessary. In

this case, it will also be necessary to replace the door sill with a new Meiller sill. This is not least necessary to ensure a high level of protection against falling. The development is already in progress, and the sill concept is expected to be available in the fourth quarter of 2021.

The new modernisation solutions from Meiller will be available for two-panel centre-opening, two-panel telescopic, and four-panel centre-opening landing doors.

The new MOD concept from Meiller does not place great demands on the lift operator's budget, because it means that old car and landing doors whose exteriors are still in good condition but whose mechanisms are worn out do not necessarily have to be replaced in their entirety. A new door mechanism may be all that is needed to ensure that the doors can once again open and close reliably and the system can return to full service for many more years to come.

**Meiller Aufzugstüren GmbH,
D-80997 München**