

# TELESCOPIC HANGAR DOOR



LETOON TELESCOPIC HANGAR DOOR

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# TELESCOPIC HANGAR DOOR

## LETOON Telescopic Hangar Door Frame Components

Components of the frame of Telescopic Hangar Doors should be made of galvanized and coated steel profiles. They should have a modular structure and as such should be able to be transported to the construction site and installed easily to its place. Air tightness should be provided by virtue of EPDM seal system. Door leaves should be designed to resist against the wind pressure of regional, be projected through the manufacturer and submitted to the approval of the administration with the static computations thereof. Production of doors should commence subsequent to the approval of the administration.



## LETOON Telescopic Hangar Door

### Top Rail and Wheel System

Top Rail Mechanism of Telescopic Hangar Door should be manufactured from galvanized steel profiles. The rail system should have directing canals enabling telescopic movement as per the project thereof. Each door wing should consist of at least two sets of upper wheel groups. The wheel groups should be able to prevent the leaves going off the rails due to the pressure occurring from the effects of impacts or other kinds of pressure. The wheel system should be modular and be able to be changed easily and be highly resistant to corrosion.



# TELESCOPIC HANGAR DOOR

## LETOON Telescopic Hangar Door The Lower Rail and Wheel System

The lower rail system of the Telescopic Hangar Door should be manufactured from galvanized steel profiles. The rail system should have carrying and directing canals enabling telescopic movement as per the project thereof.

The wheel groups should be able to prevent the leaves going off the rails due to the pressure occurring from the effects of impacts or other kinds of pressure.

The canals should not protrude at the bottom and should not cause the shaking of vehicles passing on them.

There should be water drain channels in the canal and they should be able to be cleaned.

Each door wing should consist of at least two sets of lower wheel groups.

Each set should consist of at least one lower wheel.

The wheel system should be modular and be able to be changed easily.



# TELESCOPIC HANGAR DOOR

## LETOON Telescopic Hangar Door Panels

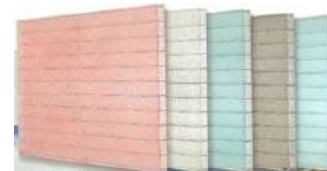
### Polyurethane Panel,

They should be made of 2 pieces of 50mm-thick galvanized steel sheets filled with high density polyurethane foam. They should have a modular structure and be easy to replace and be changed. Panel fillers should be in accordance with the ecological standards and not contain CFC. There should be hidden isolation seals at the joints of the panels and provide air tightness.



### CTP Panel,

Telescopic Hangar Door Coating Panels, CTP panels used in the 40mm-50mm thickness. It has a modular structure and can be applied easily replaceable feature. Weight 40 mm thick panels in a maximum of 8 kg / m<sup>2</sup> Standard colors can be produced in all RAL and Pantone color, Light Transmission EN 410 - 65% in the blue panel - the panel 74% Green - 78% in Transparent panels, 300 mm above the UV Transmission 0% Wind resistance EN 12424 - 120 kg / m<sup>2</sup> Flammability EN 13501-1 - Class E, EN ISO 8990 Thermal Conductivity - 2.02 W / m<sup>2</sup>K



# TELESCOPIC HANGAR DOOR

## LETOON Telescopic Hangar Door Personnel Door

There should be a Personnel Door in appropriate sizes according to the project on the Telescopic Hangar Door.

Automatic Door Closer



Panicbar, Outer Door Handle



Panicbar, Outer Door Handle, Lock



## LETOON Telescopic Hangar Door

### Window

There should be illumination windows in appropriate sizes according to the project on the Telescopic Hangar Door. The windows should be produced with acrylic insulated glass providing thermal insulation.

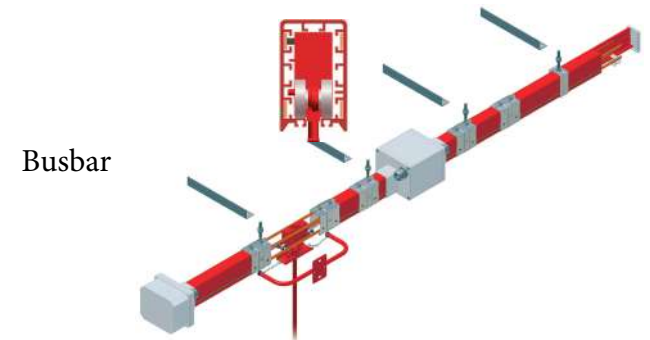


# TELESCOPIC HANGAR DOOR

## LETOON Telescopic Hangar Door

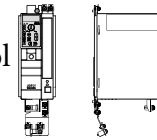
### Motor System,

Motor System which will move the leaves of the doors to be manufactured as telescopic doors and which will stop them at the last point when they are opened. The System should be able to be protected by taking into consideration the limits and working times. The door should have the ability to open completely with a pulse and where desired an "open" and "close," button should control the opening and closing sequence by keeping the button pressed. The Motor system should work with a voltage of 380V and frequency of 50Hz. Door opening and closing speed should be 12m/Min. -15m/ Min. Electricity transmission should be performed by virtue of Trolley bus bar system. When the door is moved by virtue of the motor, audible and lighted warning devices placed in NATO standards on the door should be activated and such activation should continue until the door stops moving. There should be a system for Manual Control on the motor for manual opening and the door should be able to be opened manually whenever necessary or in power cuts thanks to this system. There should be a set of Safety Photocell which should stop closure of the doors when there is an object between the leaves of the door.



Busbar

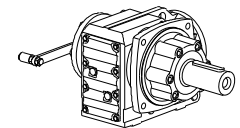
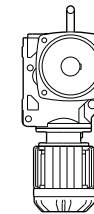
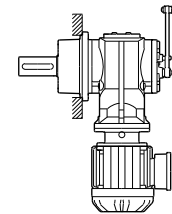
Speed Control



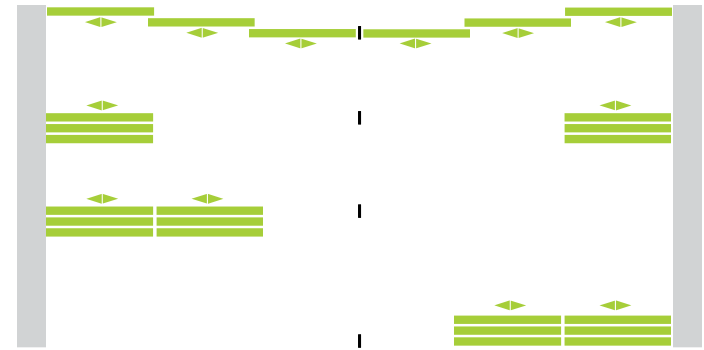
Control Panel



Motor



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