

# FOLD UP FABRIC HANGAR DOOR



LETOON FOLD UP FABRIC HANGAR DOOR  
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DOOR POINT **LETOON HANGAR**

# FOLD UP FABRIC HANGAR DOOR

## LETOON Fold Up Hangar Door

### Components of the frame

Components of the frame of Fold-up 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.

Steel horizontal sash bars should be produced in accordance with strength calculations made with hangar entry width and height dimensions should be connected to each other with bearing slings and hanged to the upper truss system.

They should be able to operate in a way they can be folded and kept in the upper part. 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.

Both sides of the sash bars should be covered with tarpaulin and there should be roller bearing system at their ends enabling vertical sliding movement there of. The cited bearing system should be capable of sliding on the rail and must not go off the rail.



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### Top Mechanism

The truss system in the upper part where the roller bearings and bearing slings are connected should have a tube system inside that allows the wrapping of slings to bearings by rotation and collection of the horizontal sash units at the top.

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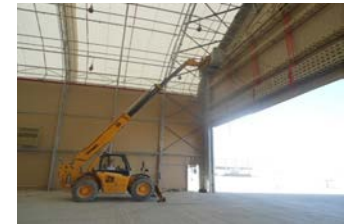
### Side Rail Mechanism

Side Rail Mechanism of Fold-up Hangar Door should be manufactured from galvanized steel profiles. The rail system should have directing canals enabling fold-up movement as per the project thereof. The horizontal profiles connected to each other with slings should be able to slide upward and stop after being folded at the top. 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.

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### Coating

Coating of the Fold-up Hangar Door, should be in accordance with the specifications set by the employer and should be produced and placed according to the project thereof.



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### Motor System

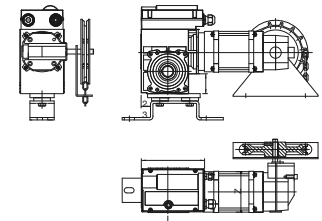
Motor System which will move the leaves of the doors to be manufactured as folding doors and which will stop them at the last point when they are opened.

The System should be able to be protected by taking into consideration the limits and working times.

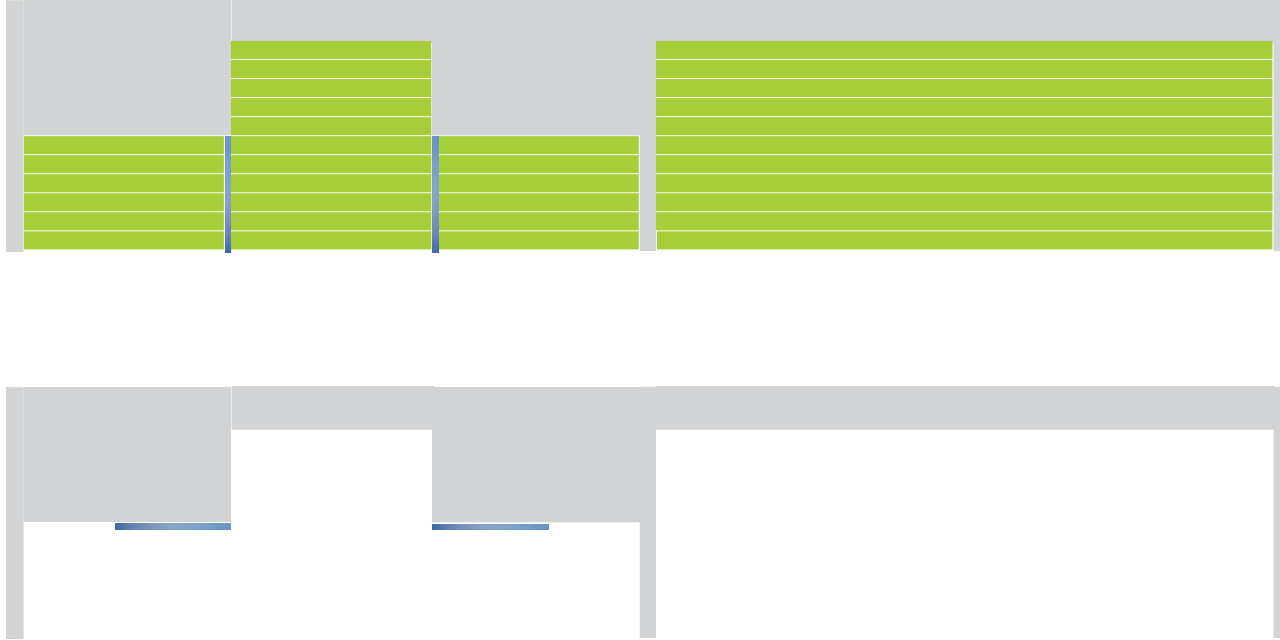
The door should have the ability to open completely with a pulse. The Motor system and the drive transmission system connected thereto should work with a voltage of 380-400VAC.

Door opening and closing speed should be 12m/Min- 15m/Min. 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 at the bottom of the door.



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