

# Double Sliding Door

- Ideal for commuting and feed operations in two locations

When choosing a door for mesh walls, there are several parameters to consider. What should the door be used for? What function should it have? In what environment should the door be located? What safety features are needed? Here you will find information about what is important to consider when choosing a guard door and when it is appropriate to choose a double sliding door.

## What to consider when choosing a guard door

When choosing a safety fence door, there are several parameters to consider. Choosing the right door means that it does not pose a danger to the surroundings and that there is no risk of collision with objects or persons, or even crushing of limbs. Some important questions to consider are:

- What type of safety guard door fits the available space?
- Will it achieve the required level of protection?
- How frequently will it have to be opened/closed?
- Can locks and interlocks (safety switches) be installed?

The first thing you should do is, figure out the function of the door and the characteristics of the surroundings. Often, a door chosen is not suitable for the environment or takes up too much space. The choice largely depends on the purpose: will the door serve as a passage for staff, material entrance/exit, or for some other function? However, sliding doors should not normally be used as emergency exit doors, because some people might not be able to open the door fast enough when panicking.

## When is the double sliding door without rail the right choice?

All Axelent's doors fulfill the Machinery Directive 2006/42/EC's requirements for movable guards. The range of safety doors includes the double sliding door. This type of door is ideal when there

is a lack of space and if you want to perform feed operations in two different locations with the same door. A double sliding door can be used when there is no space to open the door like a normal passage door.

The two door leaves run separately in two different rails and overlap. This is useful especially if there are two feed or output positions in a machine. Despite the limited space, it is possible to operate in two locations.

The advantage of all the doors in the X-Guard series - also the double sliding door - is that you do not need any specific panels for the door. In a simple way, it is possible to turn a fixed wall into a sliding door.

## In what environment is the door suitable to use?

The environment in which the machine safety door is to be installed is important when making the decision, because there are doors which are not suitable for all types of surroundings. For example, a humid environment can affect the condition of the door. Therefore, a sliding door with a ball bearing-guided rail should be avoided in such environments.

However, a double sliding door is suitable in most environments and is suitable for all types of work.

For example:

- In production
- Industrial and warehouse environments
- To separate areas



## ADVANTAGEOUS FEATURES OF THE DOUBLE SLIDING DOOR:

- Perfect when you need to operate in two locations
- Suitable for commuting
- No special panels are needed for the door
- Suitable for most environments and work areas
- Ideal choice when there is a lack of space
- Can be used together with our cable trays



Contact your local salesperson for more information!

When commuting in automatic or manual machine operation, a double sliding door is suitable, as it eases commuting between the different areas.

## Does the door need to be supplemented with other products?

What is inside the fenced door usually determines the choice of lock and safety function. Storage of simpler tools does not normally require installation of switches and sensors. However, they will be required to prevent access to hazardous machines and robots. Therefore, be sure to take the following into account:

- The purpose
- Lock selection
- If a safety switch is required
- Who/what will pass through the door
- What is behind the door

The door needs to be supplemented with some form of lock and in many cases also a safety switch. This is to prevent personal injury if the door is used to access machinery, but also to avoid downtime of machines. Another useful complement to the door are our cable trays. Use of wire trays prevents clutter in storage areas and promotes a clean and tidy space around the production facilities. If the guard fence must be higher, the door panels can be extended.

## PRODUCT INFORMATION

The door is available in three heights: 2000, 2300 and 2500 mm.

Maximum width is: 2 x 2900 mm.

*The doors width and height are determined based on the choice of panel*

