



# Double Hinge Door

## – Enables larger opening for wide goods

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 hinge 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?

### When is the double hinge door the best choice?

All of Axelent's protection doors fulfill the Machinery Directive 2006/42/EC's requirements for movable guards on the market. From our range of safety doors, the double hinge door

is a practical solution that enables a larger opening than a single hinge door and therefore is suitable for passage of wide goods. The opening dimensions are governed by the choice of door leaves, which in turn are taken from our large range of standard panels.

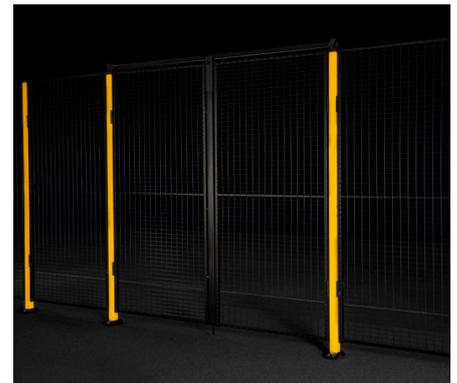
A double hinge door is suitable when the desired opening dimensions and surroundings allow it. Important to know:

- That the desired opening dimension is possible to achieve
- That a top frame does not constitute an obstacle
- That there is enough space for the door leaf

### Suitable for most environments

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. However, our double hinge doors can be used in most environments. For example:

- Industry
- Warehouse premises
- Storage solutions
- Openings in area boundaries



### PRODUCT INFORMATION

Available in six heights: 1400, 2000, 2300, 2500, 2755 and 3055 mm.

### Can be tailored to the customers need

Standard panels are used for the double hinge door. The mesh panels are available in 13 different standard widths, which makes it possible to build the door in 13 different widths. To use existing mesh panels from your installation makes the door easy to move and gives you great freedom of choice in placement or repositioning the door. It is possible to determine the location of the door at a late stage. Thus, no major forethought or planning is required.

What is inside the fenced-in area accessed through the 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.

### ADVANTAGEOUS FEATURES OF THE DOUBLE HINGE DOOR :

- Practical solution for wide goods
- Simple installation with few components
- Enables to turn the door leaf in the open position
- Easy to add locks and interlocks
- Tailor-made solutions available
- Can be used together with Axelent cable trays
- Suitable for most environments and work areas
- Cost-effective solution



Contact your local salesperson for more information!

