

X-VELO ROOF COVER

Machine tools without roof covers may pollute the environment by spraying out cooling lubricant and swarf. The air in the environment is also contaminated by the vapours that result from the machining process.

X-Velo Dachabdeckung

The X-Velo Roof Cover System prevents the machine's interior from discharging material into the atmosphere. Thanks to our adapted aluminium profile guide rails, the roof cover can be installed easily on new or existing machinery. The machine is sealed off and covered effectively as a result of X-Velo's construction features.



The folds are 250 mm in height, and close almost flush with the cover so that no dirt can get out. If individual swarf particles settle on the X-Velo, the open profile of the X-Velo enables the folds to be cleaned easily. Despite the fact that it is covered, the machining room stays well-lit as the material we use for the folds is translucent.

The X-Velo Roof Cover System can be adapted to almost any area as it is a modular system. It can be manufactured in widths of up to 6 m and lengths of up to 12 m.



This length can also be extended, dependent on inspection of the specific area it will be implemented in. The X-Velo is designed for high speeds of up to 75 m per minute. It is impossible for it to get twisted during operation because of the fasteners that are used in it. If you so wish, the X-Velo can be provided with or without a motor, or with metal shutters or rubber-coated shutters, depending on the type you select.

The X-Velo Roof Cover at a glance:

- Custom length, up to 12 m, custom solutions can be discussed
- High speeds of up to 75 m/minute
- Material lets in light
- No twisting thanks to our special fasteners
- Easy to clean (open profile)
- Cover is easy to screw on, screw thread goes all the way through the profile
- Guide rails are included with delivery
- A motor drive can be integrated as an option
- Shutters that fit the drive perfectly
- **Ideal for retrofitting and original fitting**



Order and request forms available at: www.hema-group.com



PROJECT TEAM

The design and realisation of large protection systems and complete backwall systems is supervised by an experienced team during all stages of manufacture.

Engineering and design

All important details of the machine for the design of new protection systems are integrated in the engineering stages. Every cover is individually designed to meet the specific requirements and to fit perfectly for each machine tool.

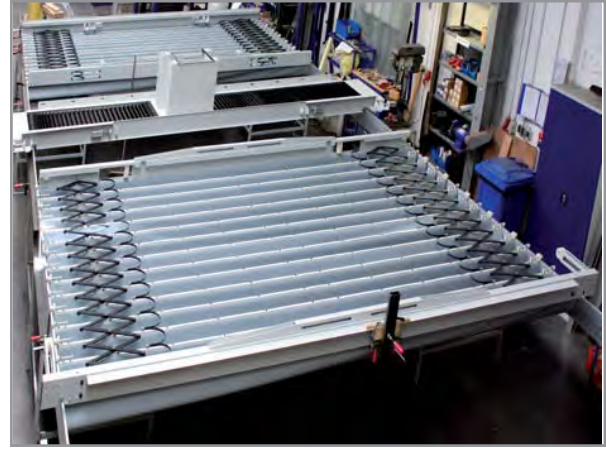
Production of components

All components are produced with modern machines. Sheet metal components are accurately cut to fit by laser. Other parts of the covers, such as pantographs or gliders for smooth running, are chosen individually depending on the area of application and travelling speed.

During each production step all parts and materials are regularly checked for accurate dimensions and proper functioning. Visible surfaces are polished to a special finish.

Test set up

Before shipping all parts are checked for accurate visual appearance and perfect functionality.



Roof cover with a length of more than nine meters, and a self-supporting width of more than five meters



Backwall system for XY-axis

Shipment

To be as cost efficient as possible all parts are shipped in compact and protective packaging. Customers' internal processes are given special consideration.



Assembling



Compact returnable shipping unit for backwall systems (optional)

All dimensions in mm if not marked otherwise. Errors and omissions excepted.

