

Planning a protection zone - EN Standards

Among other things, our products serve to safeguard hazard areas in the form of a protective partitioning system. Our protective fencing systems are designed in accordance with the applied EU Standards and, thus, fulfil the current accident prevention regulations.

A risk analysis is required in order to be able to plan a protection zone in which protective partitioning systems are used. The following standards must be observed:

DIN EN ISO 12100

Safety of machinery

DIN EN ISO 13857

Safety distances to prevent hazard areas being reached by upper and lower limbs

DIN EN 953

Protective partitioning systems

DIN EN 1088

Interlocking devices associated with protective safeguards

Danger zone analysis

The safety distance of the protective fencing system is specified in accordance with the respective EN. A layout of the machine is required in order to be able to perform an analysis.

Risk analysis and assessment

The risk analysis is to be performed and evaluated by the customer, in accordance with the relevant and harmonised standards, in order to be able to specify the required mesh size, mesh height, ground clearance, the danger zone distance and the type of application.

Safety distance examples

DIN EN ISO 13857 (upper/lower limbs)

