

Collaborative robots

Identify risks to prevent them

Several risks identified









Organisational solutions



TrainingDevelop new skills.



Activity monitoring
Limiting awkward postures.

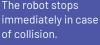


Change in organisation
Rethink collective work.

Technical solutions



Limit on power and effort The robot stops immediately in cas





Changes to the robot's physical characteristics

Lighter weight, no sharp edges or angles, no risk of jamming.



Speed and separation monitoring

The robot avoids the operator if necessary using another trajectory.



Safety-rated monitored stop

The robot slows down when the operator gets closer and stops if necessary to avoid collision.

Other risk reduction measures (physical barriers, light curtains, etc.) should be added to these solutions if needed.

