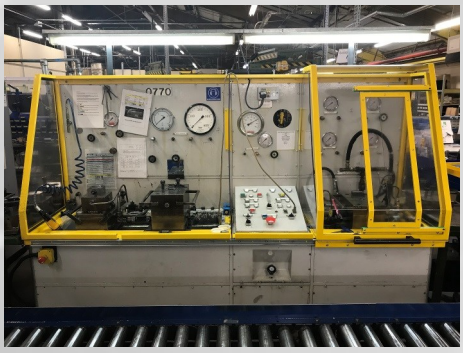
Safety Guarding

Machine & Equipment Safety Guarding

Spin UK offer full design, manufacture installation and commissioning of fully safety interlocked machine and equipment guarding.

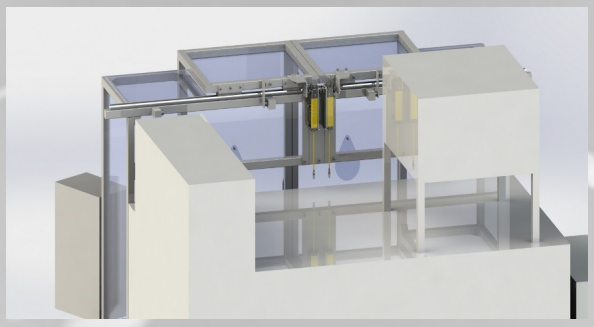
Spin UK are able to assess, report, rectify and certificate ensuring your equipment conforms with current standards and meets with your facility insurance requirements.

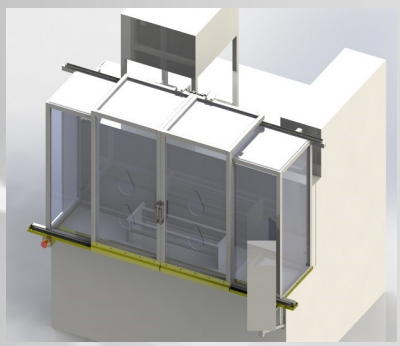


Design

Through observing the process during normal working conditions, we will establish the correct design, ensuring the optimum guarding size and position to provide the upmost safety without inhibiting process flow and minimising disruption to the operator.

All of our guarding is designed and manufactured at our works in Worcester, UK. We use Solidworks, AutoCAD and EPlan design software to model the guarding for final sign off prior to commencing manufacture.





Assessment & Certification

Spin UK are qualified to complete TUV SUD and CE assessments of existing and new equipment. We use our engineering knowledge to complete detailed design risk assessments, utilise Sistema analysis software for hardware compatibility assessment and formal design reviews to ensure we provide the optimum solution to your safety guarding requirements

Spin UK can assess, report, rectify and certificate ensuring your equipment conforms with current standards and meets with your facility insurance requirements.

Spin UK Limited | Oak House | Bromyard Road | Worcester | WR2 5HP | T: 01905 749300

Safety Guarding

Legacy Equipment Guarding

Retro fitting guards to older machines can be problematic due to aged legacy control systems and a lack of documentation.

We introduce a master safety control system to prevent guard access and safe shut off in the event of an emergency. This safety control system includes a safety interlock system utilising either Pilz or Fortress key access.

Standards & Compliance

We work to the following European Standards as part of our normal working requirements:

BS EN 60204-1 – Safety of Machinery - Electrical

BS EN 61493-1 – LV Switchgear and Control Gear - general

BS EN 61493-2 – LV Switchgear and Control Gear – power and control

BS EN 61493-3 – LV Switchgear and Control Gear – distribution boards

BS EN 61496-1 – Safety of Machinery – electro sensitive - general

BS EN 61496-2 – Safety of Machinery – electro sensitive – opto electronic devices

BS EN ISO 11161 – Safety of Machinery – Integrated Manufacturing Systems

BS EN ISO 12100 – Safety of Machinery – design risk assessment

BS EN ISO 13849-1 – Safety of Machinery – safety related controls – design

BS EN ISO 13849-2 – Safety of Machinery – safety related controls – validation

BS EN ISO 13850 – Safety of Machinery – emergency stop – design

BS EN ISO 13851 – Safety of Machinery – 2 hand control – design

BS EN ISO 13855 – Safety of Machinery – guard positioning – design

BS EN ISO 13857 – Safety of Machinery – hazard zone – design

BS EN ISO 14119 – Safety of Machinery – guard interlocks – design

BS EN ISO 14120 – Safety of Machinery – guard – design

DIRECTIVE 2014_30_EU – Harmonisation EMC

DIRECTIVE 2014_35_EU – Harmonisation Electrical Controls

MACHINERY DIRECTIVE 2006_42_EN

Our specialist engineering and design team enable us to generate innovative and optimised engineering solutions that meet our customers' Quality, Cost and Time objectives.

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