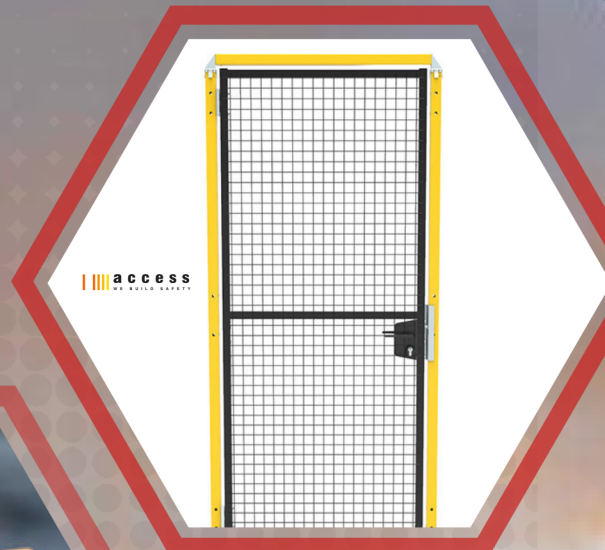




- Sole UK distributor of Tecno Più safety guards
- Bespoke Guarding Systems
- Acoustic Enclosures
- Stainless Steel Machine Guarding



- Sole UK stockists & distributors for Access s.r.l
- Machine Safety Fencing
- Warehouse Segregation
- Property Protection Systems



- PUWER 98 surveys
- Emergency Foot Operated Kick Switches
- Special Design Close Guarding Projects

SPONMECH
GROUP OF COMPANIES

SPONMECH | ACCESSAFE UK LTD | SOLON SYSTEMS

MACH
15-19 April 2024
NEC Birmingham UK
machexhibition.com



Welcome to our World of Industrial Safety

The Sponmech Group of companies are all based at The Guard Yard in Halesowen, West Midlands, just South of Birmingham. With three safety companies on site, we are the UK's home of industrial safety guarding systems, noise reducing acoustic enclosures and warehouse segregation fencing systems.

SPONMECH SAFETY SYSTEMS

accesssafe
WE BUILD SAFETY UK LTD

SOLON
SYSTEMS

TOGETHER WE

- ✓ Safeguard industrial environments
- ✓ Segregate warehouses & factories
- ✓ Design the latest in machine safety
- ✓ Protect property & personnel
- ✓ Create operator friendly machine guards
- ✓ Manufacture & Supply in accordance with ISO 9001
- ✓ Protect the safety of your workers under PUWER 1998
- ✓ Educate & help you comply with current H&S Regulations

Sponmech Safety Systems Limited

Bespoke Machine Guards	Pg 01
Acoustic Enclosures	Pg 01
Food Grade Machine Guarding	Pg 02
Machine Tool Enclosures	Pg 02
How to guard a centre lathe, as shown at MACH 2022	Pg 03

Sponmech Safety Systems Limited & Tecno Più

“Next Generation” & PUWER 98 Compliant Standard Machine Guards	Pg 04
Automatic Sanding Belt Holders For Lathes	Pg 05

Accessafe UK Ltd

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Solon Systems Limited

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Bespoke Machine Guards

We design and fit custom-made guards for any machine. If you need a guard for any type of machine, the chances are *“we have done it before”*.



Sponmech Safety Systems are one of the UK's largest manufacturers of bespoke machine guards



Complying with current EC standards for all industries



We have extensive experience working with various industry sectors across the UK



Where standard guarding solutions are unsuitable for your machine, Sponmech will 3D CAD design and manufacture bespoke machine guards to meet current machine safety regulations



Acoustic Enclosures

We offer the complete noise control solution for a range of industries. Our Sound Enclosures are designed for *“noise absorption, reverberation control and machine ventilation”*.



Over 30 years of expert experience in designing, manufacturing, and fitting acoustic enclosures



All noise enclosure solutions designed and manufactured by Sponmech conform to BS EN ISO 15667:2000



Our noise reducing booths and enclosures are fully HSE compliant



See our dedicated acoustic enclosure website for more information



Food Grade Machine Guarding

Sponmech can produce stainless steel guard systems for hygienic applications to Food Standards.



Designed and manufactured in line with ISO 9001 quality assurance, are fully HSE compliant and come with a certificate of conformity



All the guards are 3D CAD designed well in advance to get buy off from the production team before installation



All guard panels and posts are TIG welded from Stainless steel with the mesh on the outside and removable panels where required for easy cleaning



50 x 50 posts
25 x 25 x 1.5 box frame
25 x 25 x 3 mesh infill



Machine Tool Enclosures

Bespoke Enclosures

Bespoke enclosures from Sponmech can be designed for any application.



We can design and fabricate enclosures for Robots, Machine Tools and Noise reduction



Our in-house design team will produce tailored CAD drawings to suit your requirements



We manufacture enclosures using Sheet steel, Stainless steel, Aluminium, Weld mesh and Polycarbonate



We have a powder coating facility in-house, ensuring an aesthetically pleasing finish to your enclosure



How to guard a centre lathe, as shown at MACH 2022

Lathe guarding by Sponmech is provided to protect against the most common accidents on lathes such as entanglement and entrapment



As a minimum in line with PUWER 98 you must fit:

- An interlocked lathe chuck guard
- Lathe leadscrew guards
- An end stop cover guard (See example photo*)

To further your risk reduction whilst working on a lathe you can fit:

- Back guarding (if no wall behind lathe)
- PTO 10/350 Lathe Carriage Safety Guard
- PTO 09 Support Column for Lathes Accessories
- SBH A20 Automatic Sanding Belt Holder (External sanding tool)
- SWH A01 Automatic Internal Polishing Attachment (Internal polishing tool)
- CKH Chuck Key Holder
- PLS 10 Machine Light
- Emergency Kick Stop
- Electrical Control Box

“Next Generation” & POWER 98 Compliant Standard Machine Guards by Tecno Più available exclusively from Sponmech in the UK



PFR 01 Mill guard



PFR 02 Mill guard



PST 01 slotter guard



PTO 01 lathe guard



PTR 04 drill guard



PBF 10 press guard



PMA 02 grinder guard



PMA 11 Grinder guard



PTO 06 lathe guard



PTR 20 drill guard

Benefits

- Unrivalled in quality and design.
- Easy to fit and an outstanding compliment to your machine.
- Each guard is highly adjustable and will not slow down the operators' workflow.
- We can produce tailored brackets and mounts and modify any standard guard where needed.
- We offer high quality customer service, can provide a risk assessment of your machines and are happy to quote a fitting service for these guards if required.
- Each guard comes with fitting instructions and spare parts list should they be required in the future.

Conformance with safety regulations and standards

- Each guard comes with full safety conformity and traceability.
- Our standard guards conform to P.U.W.E.R(1998) and are CE marked.
- Interlocks and safety micro switches conform to EN 1088, whereby the machine will not operate when the guard is in the open position.

Every year there are serious accidents involving the use of emery cloth on metalworking lathes, resulting in injuries such as broken bones, dislocations, lacerations, amputations and occasionally death as reported by the HSE.

Emery cloth is often used to deburr, polish or size a wide range of cylindrical, tapered and threaded metal components while they are held in the rotating chuck jaws of a lathe. Accidents occur when hand-held emery cloth is entangled in the rotating parts of the machine or where the emery cloth is snagged on the rotating component dragging the operator into the danger zone.

This is why Sponmech in partnership with Tecno Più offers Automatic Sanding Belt Holders For Lathes

“A safer solution to the use of emery cloth on metalworking lathes”



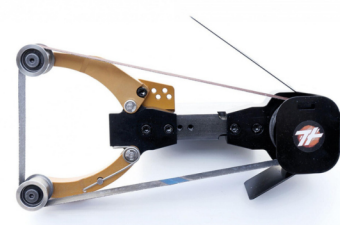
SBH A10

£950.00



SBH A20

£1030.00



SBH A40

£1700.00

Benefits of the sanding belt holder tool



Very easy to use! The sanding belt holder tool allows safe sanding on lathes. It protects the operator; eliminating the risks associated with the use of his hands



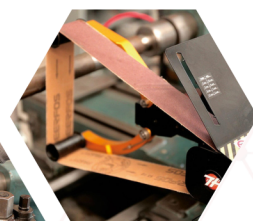
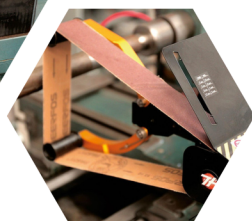
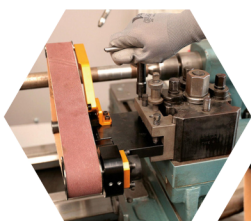
Available in three sizes; Model SBH A10, Model SBH A20 & Model SBH A40



Spare abrasive belts of different grits are available



Designed in accordance with ISO 23125 6.2.1. p (prohibition to use hands for work execution) and HSE approved



Mesh panels, posts and doors for



**Machine
Guarding**



**Warehouse
Partitioning**



**Property
Protection**

Penta Panel with Meta Post

Panel Frame

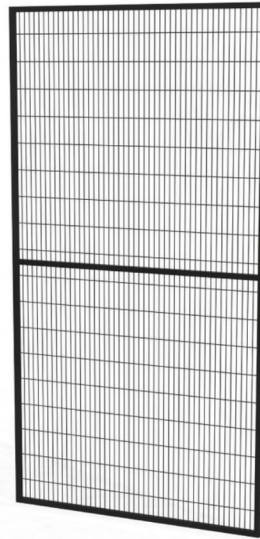


Panel Mesh



Panel Dimensions and Price List

Height (mm)	Width (mm)	Price (£)
1900	250	73
	400	76
	700	86
	800	90
	1000	98
	1200	104
	1500	115
	2000	140



Fast Installation
Save thousands on
installation costs



Crash Rated
Tested in accordance with TUV
NORD standards and complies
to machine safety directive

Panel Colours

● **9005**

can be made available in other colors



Post Size



Post Dimensions and Price List

Section (mm)	Height (mm)	Price (£)
40x40	2020	£64.00
60x60	2020	£83.00

- Comes with all floor fixings
- Tested as per crash test ISO 14120



Universal
Panels can be mounted
in all four directions



Savings
Just one operator required for the installation
thanks to meta caps shown in the images



Quick Delivery
Large UK stock available for the fast
deliveries to the UK mainland area



Certified
Guard CE certification as a safety component
as per 42/2006

Post Colours

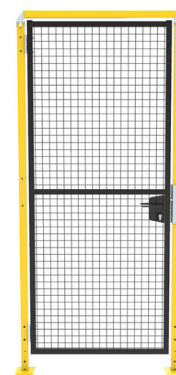
● **1018**

can be made available in other color



Single Hinged Door

Opening	Height	Door Kit	Panel Mesh	Price
800	2020	2 Posts 60x60	20x100	£490.00
1000	2020	1 Panel	3 Dia	£498.00
1200	2020	1 Beam		£510.00
		Pair of hinges		
		Gamma lock-key		



Double Hinged Door

Opening	Height	Door Kit	Panel Mesh	Price
1600	2020	2 Posts 60x60	20x100	£788.00
2000	2020	2 Panels	3 Dia	£808.00
2400	2020	Handle		£837.00
3000	2020	2 Pairs of hinges		£893.00
		Gamma lock-key		
		Drop-bolts		



Top Rail Sliding Door

Opening	Height	Door Kit	Panel Mesh	Price
1450	2020	3 Posts 60x60	20x100	£895.00
		2 Panels	3 Dia	
		Handle		
		1 Top-rail		
		Gamma lock-key		



Roller Sliding Door

Opening	Height	Door Kit	Panel Mesh	Price
1600	2020	4 Posts 60x60	20x100	£842.00
2100	2020	2 Panels	3 Dia	£888.00
2500	2020	Handle & 2 Wheels		£897.00
		1 Set of rollers		
		Gamma lock-key		



PUWER 98 Surveys



Solon Systems can carry out PUWER 98 surveys on your machines, and provide a report with costs for any remedial action required to ensure that the machines meet current legislation



Solon Systems Ltd have years of experience in providing companies with PUWER 98 machine safety assessments and detailed reports



Our safety engineers are NEBOSH safety certified and have a wealth of experience



Our reports include photos of your machinery and a traffic light system indicating what is safe, what is illegal and what needs to be improved in line with PUWER 98



We offer PUWER 98 visits and inspections UK-wide

**Provision and
Use of
Work
Equipment
Regulations 1998**

Emergency Foot Operated Kick Switches & 360 Telescopic Probe Switches



It is a requirement under PUWER that all machines are fitted with a means of stopping in a fast and safe manner



Solon Systems will supply and install emergency stop systems and access control systems to meet most applications



Special Design Close Guarding Projects

From bespoke grinder guards to flywheel press machine guards, Solon can help you with your close guarding requirements for any machine or application.

Solon offers 3 step solution



Design



Manufacture



Installation



For Enquiries



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