

British made  for over 70 years

# Silvaflame-Cleervue Co Ltd

## Machine Safety Guard Manufacturers

for Lathes, Drillers, Millers and Grinders



We manufacture a full range of standard machine safety guards in various sizes which covers 90% of machines used in industry



Grinding Machine



Drilling Machine



Milling Machine



Lathe



All Machine

CALL US ON  
**01543 431 060**

# Silvaflame-Cleervue Co Ltd

Welcome

Introduction

## About Silvaflame-Cleervue Machinery Safety Guards

The Silvaflame-Cleervue Company Limited was established in 1946 with the lodging of its first patent for a magnetically held safety screen which is still in production today.

Since that time the Company has provided industry with many types of safety machinery guards from the smallest air drillers to specially designed guard for autos and special purpose machines.

With our experience in machine tool guarding and a large data base we can usually identify customer requirements from a couple of e-mailed digital photographs and a telephone call, speeding up the whole ordering process.

We manufacture a full range of standard machine safety guards which covers 90% of machines used in industry. We also produce specially designed safety guards for autos and special purpose machines down to the smallest air drillers.



**CLEERVUE®**



93/1844

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Grinding Machine

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Drilling Machine

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Milling Machine

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Lathe

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All Machine

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Information

Tec / Order

## Technical Specification

**Polycarbonate** has very high impact strength good scratch resistance and is strongly recommended for transparent visors in safety guards, however it is subject to age hardening and is degraded by certain cuttings fluids.

**All Vizors must be inspected regularly for deterioration or damage and should be replaced immediately to avoid possible failure. A 3 year replacement cycle is also advisable.**

**Ancillary components**, nuts, bolts and washers are bright zinc plated or chemically treated ensuring a rust free and a good long lasting appearance.

**Metalwork and aluminium castings** used in our machine safety guards are polyester coated in a textured finish thus distinguishing the guard from the machine tool.



**Silvaflame-Cleervue**  
22 Park Street, Cannock  
Staffordshire, WS11 0BX

Tel: **01543 431060**  
Fax: **01543 509140**  
Email: **enquiries@silvaflame.com**

### DRILLGUARDS

Guard model required, type of top fitting and diameter of Non-Rotating Collar or Quill **MUST BE STATED**.

### BP/1 DRILLGUARD

You must complete data sheet and return to us when ordering.

### HORIZONTAL MILLGUARDS

Guard model and type and size of overarm **MUST BE STATED**.

### MAX-A-JUST GUARD

Neck width of T-Nut **MUST BE STATED**.  
Smallest T-Nut 12mm. Largest T-Nut 18mm.

### ENCLOSURE MILLGUARD

Guard model, total length of 'T' slot and width of 'T' slot size **MUST BE STATED**, electrical interlocks are fitted as standard.

### SAFETY MACHINE MOUNTS

To determine correct mounting, the following formula should be used. Gross machine weight and tooling, number of mounting points, e.g. gross machine weight and tooling is 1016 Kgs, with four mounting points.

This is a load of 254 Kgs per mount. Use model 220001.

## How to Order Machinery Safety Guards

We are most anxious to provide a prompt and efficient service, but delays can occur, generally as a result of insufficient or inaccurate order information.

**Please send a digital photo together with your contact details and one of our technical staff will respond to ensure that you select the correct product.**

## Grinding Machine Guards

### Complete Guards

| Part No. | Model | Wheel Size | Frame Size   |
|----------|-------|------------|--------------|
| 130003   | SGB   | 200 mm     | 159 x 133 mm |
| 130005   | ST    | 275 mm     | 215 x 160 mm |
| 130007   | ST/1  | 300 mm     | 324 x 305 mm |



Model: SGB



Model: ST



Model: ST 1

### Spare Visors

- Machine Type - Wheel size dependant
- Method of attachment - Secures to existing wheel guard
- Manually adjusted by pinch bolt
- Operation - Eye protection

### Construction:

- ST/SGB Moulded nylon frame 5mm polycarbonate visor
- ST/1 Cast aluminium frame 5 mm polycarbonate visor

| Part No. | Model | Visor Size mm |
|----------|-------|---------------|
| 130004   | SGB   | 150 x 125 mm  |
| 130006   | ST    | 203 x 153 mm  |
| 130008   | ST/1  | 295 x 295 mm  |



Our Guards

Drilling Machine

## Drilling Machine Guards

Silvaflame-Cleervue manufactures a comprehensive range of drilling machine guards to suit virtually all types and sizes of bench and pedestal drilling machines such as Startrite, Herbert, Pollard, FOBCO. These are available with or without electrical interlock systems. Bespoke drill guards are also available.



### Drilling Machine

1. Small Bench or Pedestal Drilling Machine Telescopic Guard  
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### Drilling Machine Fixed Adjustable

4. Light Bench or Pedestal Drilling Machine Guard -  
by machine make  
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5. Medium Bench or Pedestal Drilling Machine Interlock Guard  
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6. Heavy Pedestal Drilling Machine Interlock Guard Multi-spindle  
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Our Guards

Drilling Machine

## Small Bench or Pedestal Drilling Machine Telescopic Guard

### Product Details

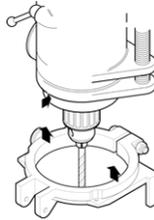
- Machine Type - Light/Bench or Pedestal
- Method of attachment - secures to drilling machine spindle collar
- Positive manual latch
- Flip up with spring retention
- Construction - moulded polycarbonate
- Operation - Telescopes on contact with work piece, length adjustable vizor which encloses the work area



Model: BT/2



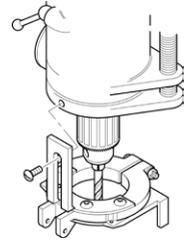
Model: BT/4



### GUARD TOP No 2

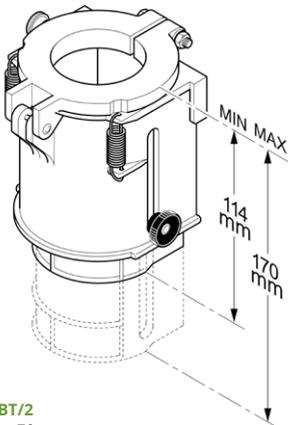
Clip type bored out to suit collar size 40mm to 70mm Max.

Depth stop bracket may require raising to expose the clamping area.



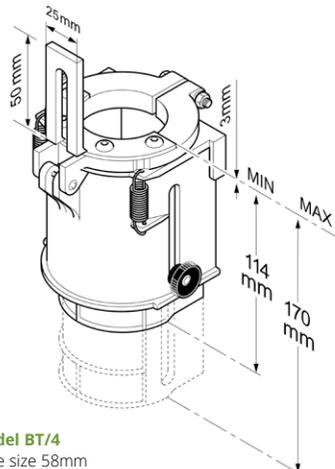
### GUARD TOP No 4

This top has a single steel upright tongue which is attached to the machine by drilling and tapping a 6mm holes and bolting the guard direct to the depth stop casting.



### Model BT/2

Max bore 70mm  
Max chuck dia 55mm



### Model BT/4

Bore size 58mm

Technical Data

Top Fixing

## Pedestal & Bench Drilling Machine Guards - MT, MTS & HTS selection by top fixing



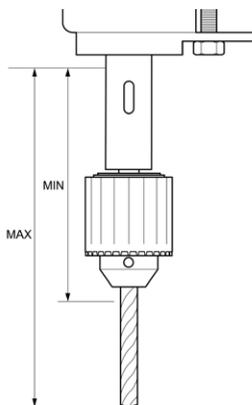
Measure Maximum and Minimum Spindle exposure.  
Chose a model to suit these dimensions = **Model**.

Select a fixing top to match either the shape of depth stop or the circular collar = **Top Type**.

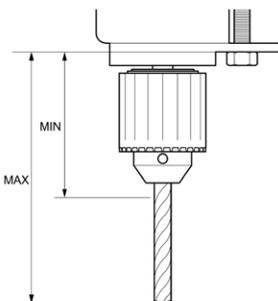
Measure across the fixing area for size = **Top Size & Bore**.

**Example. MT/2/90mm Dia.**

Make and Model of machine is also helpful.



Morse Taper - Guard Type MT



Chuck Type - Guard Type MTS

### Interlock Technical

## Interlock Switch Installation



**Interlock switches can only be safely fitted to a machine that is equipped with a "NO VOLTAGE CONTACTOR SYSTEM" and a control circuit voltage of 110v or less.**

**To check if the machine has a "NO VOLTAGE CONTACTOR SYSTEM"**

**Please test using the following procedure:**

- Switch on the power and start the machine.
- Switch the machine off using the machine isolator NOT the stop start buttons the machine will come to a stop.
- Turn the machine isolator back on, if the machine starts straight up then the machine does not have a "NO VOLTAGE CONTACTOR SYSTEM".
- In this case a "NO VOLTAGE CONTACTOR SYSTEM" must be installed before an interlocked guard can be safely fitted.

**Seek help from a qualified electrician if in any doubt.**

Our Guards

Drilling Machine

## Medium Bench & Pedestal Drilling Machine Guards

### Product Details

- Machine Type - Medium /Bench or Pedestal
- Method of attachment - Secures around depth stop collar using fixing top to suit configuration
- Positive Manual latch
- Flip up with spring retention
- Construction - Aluminium/Nylon with Polycarbonate Vizion which encloses the work area
- Operation - Telescopes on contact with work piece, length adjustable vizor
- Interlock Switching available - **See Interlock Technical P.7**



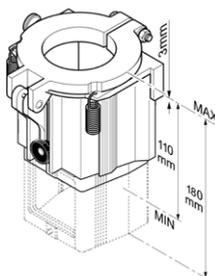
Model: MTS/2



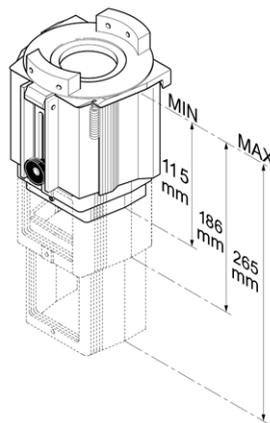
Model: MT/2



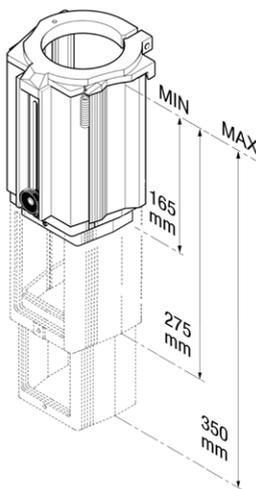
Model: HT XL 2



Model MTS/2 - Guard Top No 2  
Max chuck dia 70mm



Model MT/6 - Guard Top No 6  
Max chuck dia 63mm



Model HTS/2 - Guard Top No 2  
Max bore 50mm < 101mm

Special adaptor required for collars 101mm < 110mm

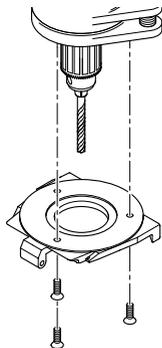
**IF POSSIBLE PLEASE  
GIVE FULL DETAILS  
OF MACHINE WHEN  
ORDERING.**

Technical Data

Guard Tops

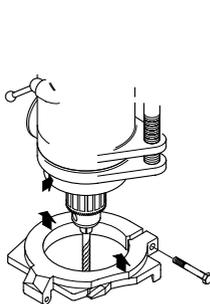
## Different Types of Top Fixings to suit Drilling Machines Depth Stop/Non Rotating Collars

No1 (MT / HT)



This is for fitting under the Bearing Housing and can take the place of the dust cover plate. Where quill retracts into the Head it is fitted by drilling and tapping the underneath side of the head and bolted by means of countersunk screws to the machine.

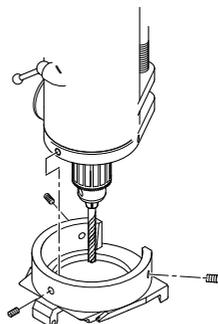
No2 (MT / HT)



Clip type bored out to suit collar size 50mm to 101mm Max.

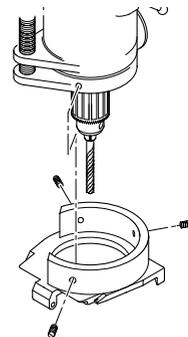
Depth stop bracket may require raising to expose the clamping area.

No3 (MT / HT)



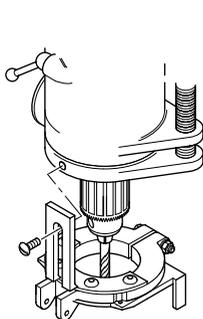
This is a special top, designed for Pollard Corona machines, model 15AX, on which the stop gauge bar rod is situated at the rear of the pear shaped stop gauge bar casting.

No3 LH (MT / HT)



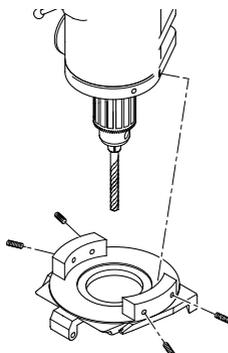
This is a special top, designed for Pollard Corona machines, models 150 and 15AY, on which the stop gauge bar rod is situated on the left of the pear shaped stop gauge bar casting.

No4 (MT / HT)



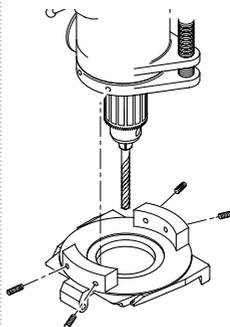
This top casting has a single steel upright tongue which is attached to the machine by drilling and tapping a 6mm holes and bolting the guard direct to the depth stop casting.

No4 (MT / HT)



Bored to secure sides of depth-stop casting.

No6 (MT / HT)



This has front and rear uprights for fitting to the non-rotating collar of machines. Should the machines have automatic feed and gear box, you will need to add C/A after the top choice has been selected.  
Max Spindle dia 70mm.

Our Guards

Drilling Machine

## Light/Heavy Radial Drilling Machine Side Opening Guard



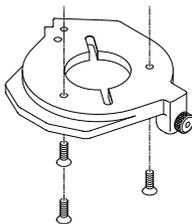
Model: LRTS



Model: LRTL

### Product Details

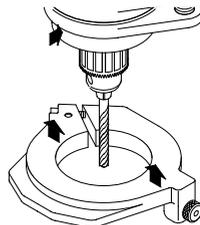
- Machine Type - Light/ Radial type
- Method of attachment - Secures around depth stop collar using fixing top to suit configuration
- Positive Manual latch
- Side opening
- Construction - Aluminium with Polycarbonate Vizor encloses the work area
- Operation - Telescopes on contact with work piece length adjustable vizor
- Can be extended to 350mm by adding third section. Model LRTL
- Interlock Switching available - **See Interlock Technical P.7**



No1 (LRT)

This is for fitting under the Bearing Housing and can take the place of the dust cover plate.

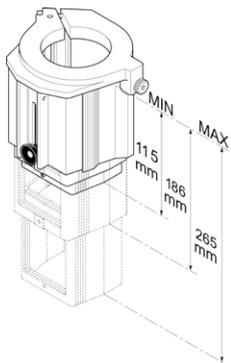
Where quill retracts into the Head it is fitted by drilling and tapping the underneath side of the head and bolted by means of countersunk screws to the machine.



No2 (LRT)

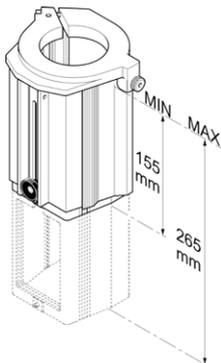
This is an integral clamp which can be bored out to suit any non-rotating collar size from 47 to 92mm.

On some drilling machines it may be necessary to raise the stop-gauge castings to expose this collar. 93 < 109mm Dia require a special adaptor.



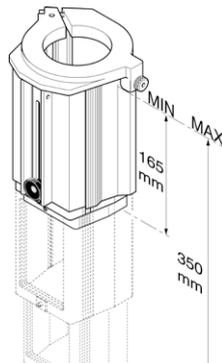
Model LRTS/2

Max Chuck dia 63mm  
Max Spindle dia 70mm



Model LRTL/2

Max Chuck dia 70mm  
Max Spindle dia 70mm



Model LRTLXL/2

Max Chuck dia 63mm  
Max Spindle dia 70mm

For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Technical Data **Drilling Machine**

# Light Bench or Pedestal Drilling Machine Guard by Machine Make

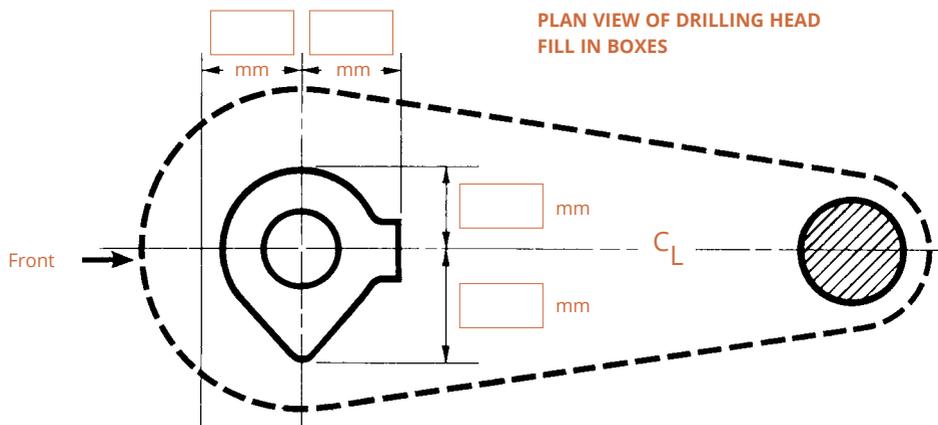


### Product Details

- Machine Type - Light /Bench or Pedestal (dedicated to machine make)
- Method of attachment - Clips to back pillar
- Positive Manual latch or interlock
- Side opening
- Construction - Mild steel with 4 mm polycarbonate vizor
- Operation - Remains stationary allowing depth stop collar and chuck to pass through length adjustable vizor
- Interlock Switching available - **See Interlock Technical P.7**

**Model: BP-1**

**MAKE AND MODEL NUMBER ARE HELPFUL**



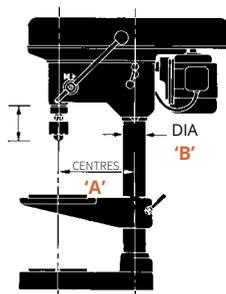
### SIZE & SHAPE OF DEPTH STOP CLAMP MUST BE COMPLETED:

ONLY SUITABLE FOR CLAMPING TO BACK PILLAR OF 50mm MIN. UP TO 89mm MAX.

**Make and model of machine MUST BE STATED together with sketch and dimensions.**

Dimension 'A' .....

Dimension 'B' .....



Our Guards

Drilling Machine

## Medium Bench or Pedestal Drilling Machine Interlock Guard

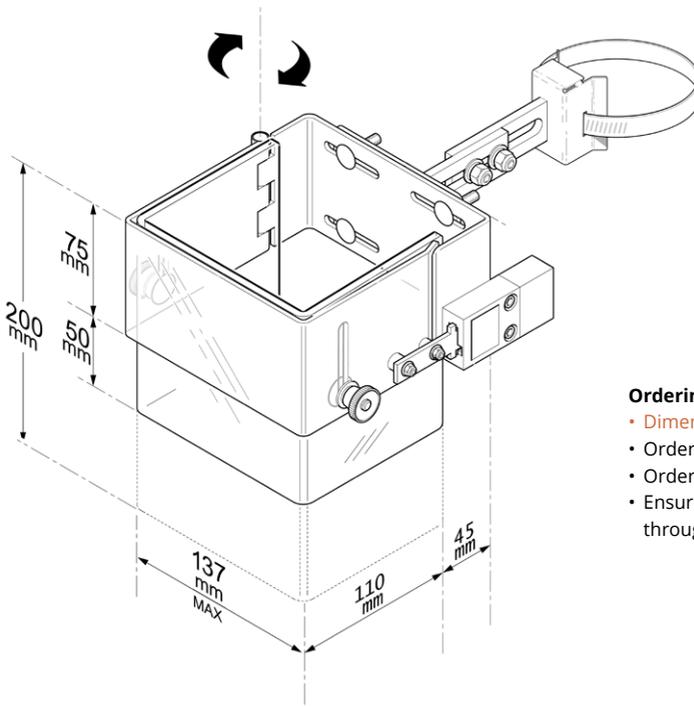
### Product Details

- Machine Type - Light/ Bench or Pedestal
- Method of attachment - Clips to back pillar
- Positive Manual latch or interlocked
- Side opening
- Construction - Moulded 5mm polycarbonate body, with 4 mm polycarbonate vizor, adjustable to suit machine depth stop bracket
- Operation - Remains stationary allowing depth stop collar and chuck to pass through length adjustable vizor
- Interlock Switching available - **See Interlock Technical P.7**



Model: BP-2

| Part No. | Model          |
|----------|----------------|
| 80020    | BP-2           |
| 80021    | BP-2 Interlock |



### Ordering Information

- Dimension of back pillar required
- Order RR bracket if with rear rack
- Order FR bracket for front rack
- Ensure depth stop clamp will pass through guard without fouling

Model BP-2 Interlock

For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

Drilling Machine

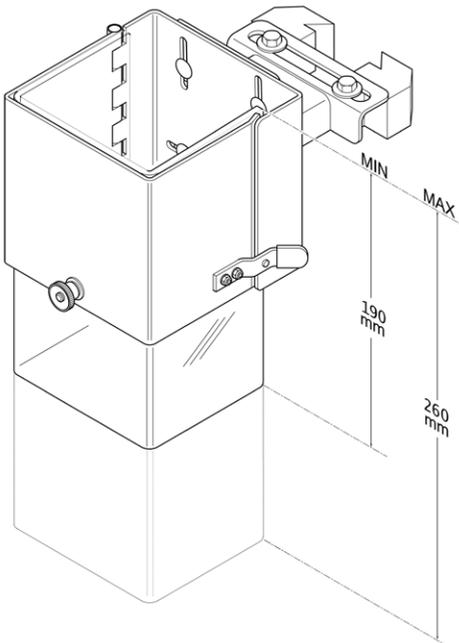
## Heavy Pedestal Drilling Machine Interlock Guard Multi-spindle



### Product Details

- Machine Type - Heavy/Pedestal
- Method of attachment - attaches to back column
- Positive manual latch or interlocked
- Side opening
- Construction - mild steel with polycarbonate vizor adjustable to suit machine depth stop bracket
- Operation - remains stationary allowing depth stop collar and chuck to pass through length adjustable vizor
- Special made to measure size BP-3 available
- Type of pillar - Herbert or Pollard
- Dimension of slot or dovetail
- Manual or interlocked
- Interlock Switching available - See Interlock Technical P.7

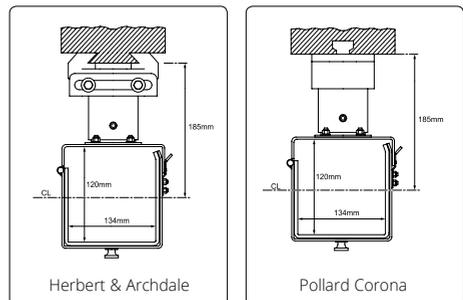
Model: BP-3



| Part No. | Model              |
|----------|--------------------|
| 10003    | Herbert & Archdale |
| 10004    | Pollard Corona     |

Model BP-3

### Ordering Information



- Type of pillar. Herbert or Pollard
- Dimension of slot or dovetail
- Manual or interlocked

Our Guards

Milling Machine

## Milling Machine Guards

Silvaflame-Cleervue manufactures a comprehensive range of milling machine guards to suit virtually all types and sizes of manual and CNC milling machines both horizontal & vertical including Cincinnati Beaver Mills, and all Bridgeport types.



CNC type are fitted with electrical interlock switches. See **Interlock Technical P7**.

**Specially designed guards are also available.**

For further expert advice please contact us by email enquiries@silvaflame.com

### Milling Machine

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3. Manually Operated Milling Machine Table Guard  
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4. Turret/Bed CNC Milling Machine Guard Hinge Type  
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6. Horizontal Milling Machine Guard  
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For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

Milling Machine

## Manually Operated Milling Machine Cutter Guard



### Product Details

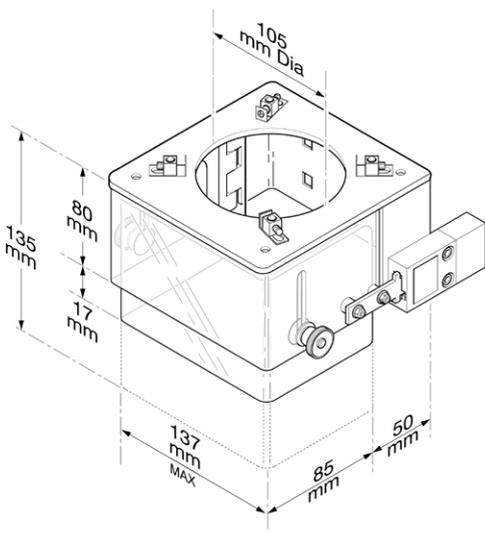
- Machine Type – Manually operated milling machines
- Method of attachment – By use of our unique fixing system which allows attachment to the miller head by means of pinch screws/bracket
- Accommodating heads up to 145mm diameter Spindles up to 105mm diameter
- Positive latching but may also be interlocked
- Construction – Moulded polycarbonate body, with 4mm thick adjustable visor to Enclose cutter/work area
- Interlock Switching available - **See Interlock Technical P.7**

Model: MILLER CUTTER

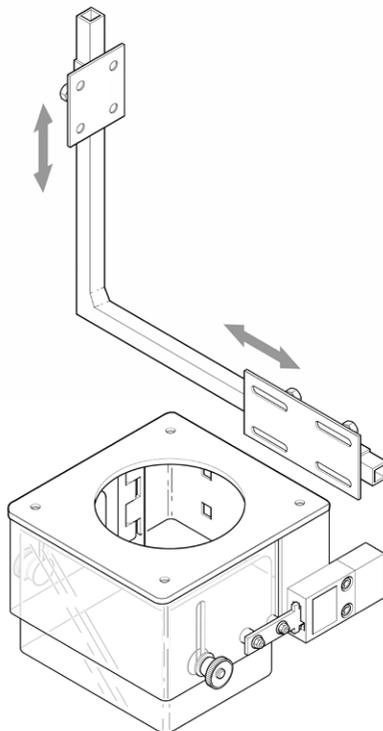


**Additional Safety Accessory is the adjustable Rear Shield which gives 360° enclosure to the Guard and is strongly recommended for ALL Educational Establishments.**

Model: REAR SHIELD



Miller Cutter Guard



Miller Cutter Guard with Side Attachment

Rear shield not available on this model

Our Guards

Milling Machine

## Universal Turret Millguard



Model: UNIVERSAL TURRET GUARD

### Product Details

- Suitable for all manual Turret Mills
- Method of attachment: Secures to Head 'V' slide or Vertical 'V' slide
- Adjustable Visor
- Positive latching but may also be Interlocked

See Interlock Technical P.7

### Available as a Package Containing:

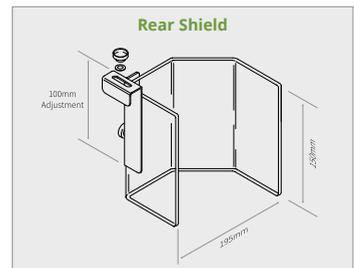
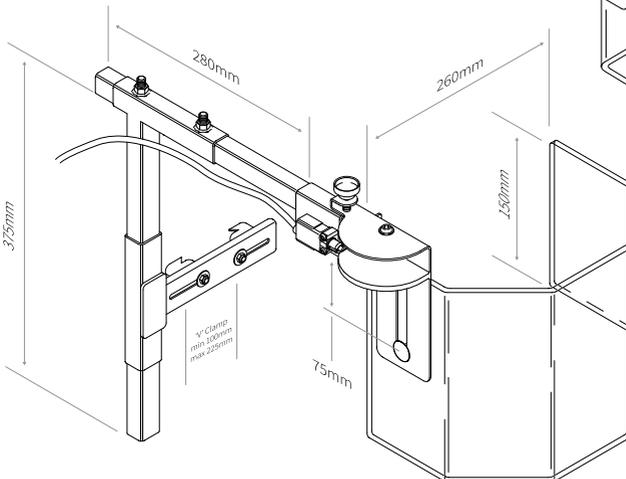
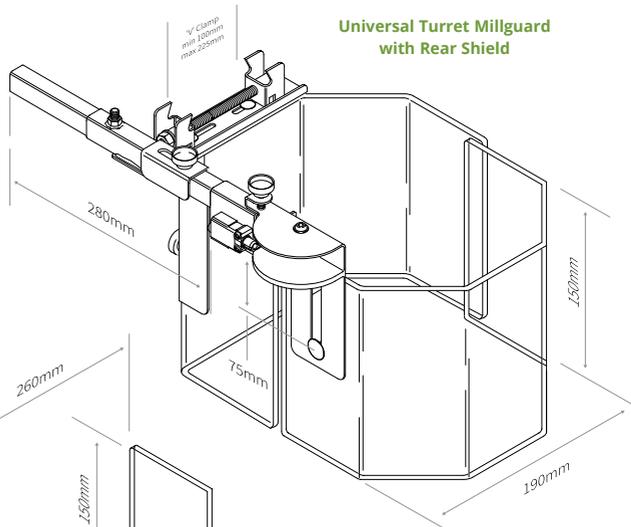
The main guard extension with the hinge lock arrangement and interlock switch, 2 different size interchangeable visors.

A 'V' slide clamp unit and the vertical 'V' slide adaptor bracket.

**Additional Safety Accessory is the adjustable Rear Shield which gives 360° enclosure to the Guard and is strongly recommended for ALL Educational Establishments.**



Guard to Mount on Head 'V' Slide with Rear Shield



For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

Milling Machine

## Manually Operated Milling Machine Table Guard



Model: MAX-A-JUST

| Part No. | Model         |
|----------|---------------|
| 20001    | MAX-A-JUST M1 |
| 20002    | MAX-A-JUST M2 |

### Spare Visors (Set of 6)

| Part No. | Model         |
|----------|---------------|
| 20003    | MAX-A-JUST M1 |
| 20004    | MAX-A-JUST M2 |

### Product Details

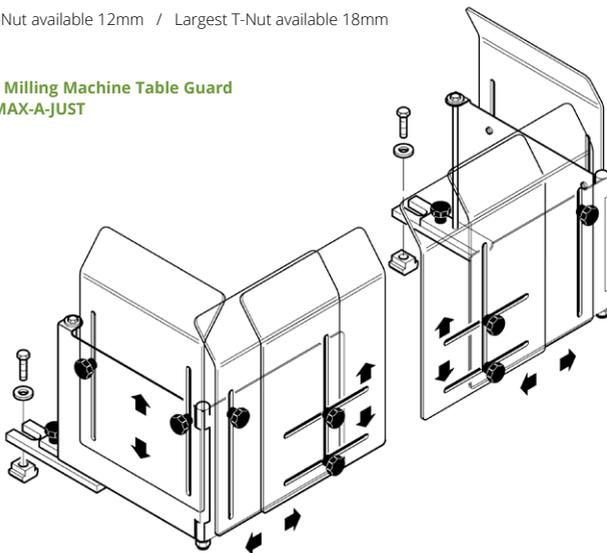
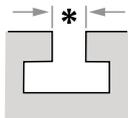
- Machine Type - Manually operated Milling Machines
- Method of attachment - Adjustable rail secured to machine table with T. Nuts (1 per side)
- Positive Manual latch
- Construction - Mild steel adjustable polycarbonate visors
- Operation - Vizors adjusted around machine cutters, hinges open to give access to tooling (Interlock NOT available)

| -                                | MAX-A-JUST M1 | MAX-A-JUST M2 |
|----------------------------------|---------------|---------------|
| Minimum Vertical Height          | 200mm         | 250mm         |
| Maximum Vertical Height          | 350mm         | 450mm         |
| Minimum Overall Length Enclosing | 375mm         | 475mm         |
| Maximum Overall Length Enclosing | 525mm         | 800mm         |
| Minimum Overall Length Extended  | 700mm         | 925mm         |
| Maximum Overall Length Extended  | 875mm         | 1250mm        |

Both Sides Extended In-Line / Smallest T-Nut available 12mm / Largest T-Nut available 18mm

### Manually Operated Milling Machine Table Guard MAX-A-JUST

**IMPORTANT:**  
WHEN ORDERING  
PLEASE SPECIFY  
'TEE SLOT' SIZE



Our Guards

Milling Machine

## Turret/Bed CNC Milling Machine Guard Hinge Type



Model: EM GUARD

### Product Details

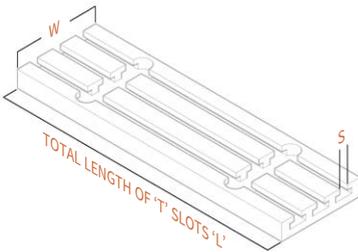
- Machine Type - Turret/Bed CNC.
- Method of attachment - Is by adjustable parallel rails which are T bolted to table slots allowing the guard to be positioned forward around vice or component.
- Twin interlock and positive manual latch.
- Construction - Steel tubular frame and 5mm polycarbonate windows.
- Type T has additional sliding windows to give access to turret or machine console.

### Optional Extras

- An Infill Swarf Tray is available to reduce the hazard of fallen swarf.
- Rear Swarf Shield - Helps to contain the flying swarf within the table area and also act as a deterrent against third party intervention from the rear.

(We no longer produce the rigid type shown in our photograph. It has now been updated with a Flexible Shield)

- Operation - Totally encloses front and side of machine table. Rear hinged to give access to complete table area when in open position.



### How to Measure Machine Table

| Part No. | Guard                     | MIN Table Size | Max Table Size | Front Window Size                            | Side Window Size  |
|----------|---------------------------|----------------|----------------|--|-------------------|
| 80002    | EM/1                      | 945mm          | 1000mm         | 2 - Dedicated to table Length x 460mm Height | 2 - 500mm x 460mm |
| 80003    | EM/3                      | 1000mm         | 1500mm         | 2 - Dedicated to table Length x 460mm Height | 2 - 500mm x 460mm |
| 80050    | EM3/T Sliding Window Type | 1000mm         | 1500mm         | 2 - Dedicated to table Length x 460mm Height | 2 - 500mm x 460mm |

Other Table Lengths are available - Details & Price on application

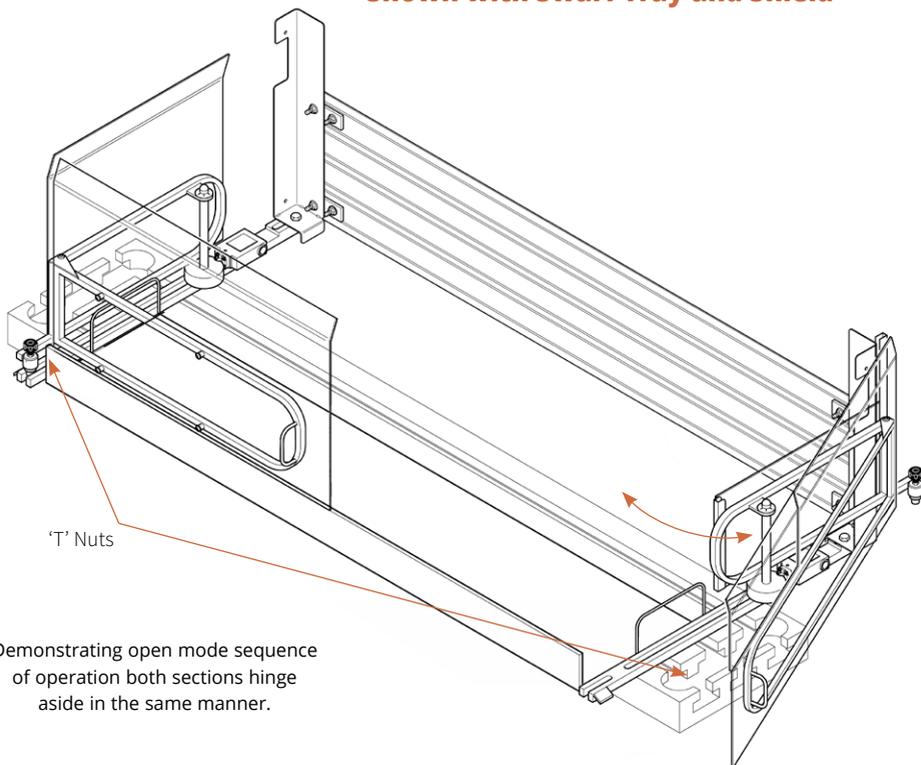
For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

Milling Machine

## EM Guard

Shown with Swarf Tray and Shield



'T' Nuts

Demonstrating open mode sequence of operation both sections hinge aside in the same manner.

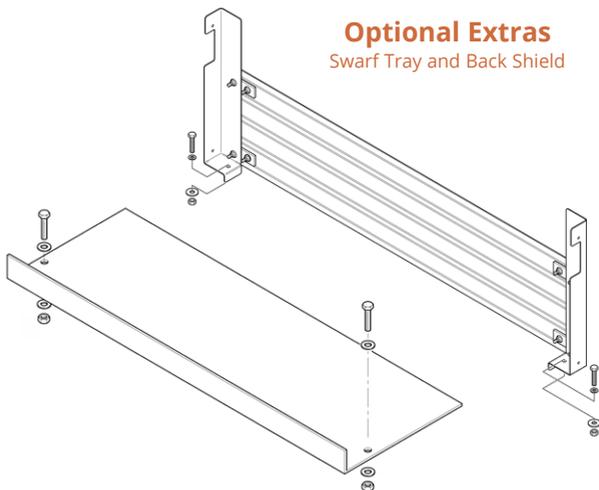
### Ordering Information

To ensure you receive the correct guard for your requirements state

Model Number required  
and specify Dimension L,  
Dimension W Table Width  
and Dimension S.

### Optional Extras

Swarf Tray and Back Shield



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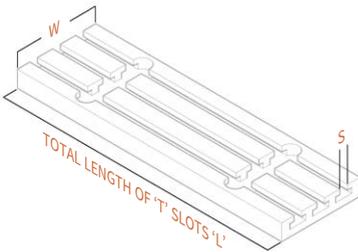
Our Guards

Milling Machine

## Turret/Bed CNC Milling Machine Guard Sliding Type



Model: SSP GUARD



### How to Measure Machine Table

#### Product Details

- Method of attachment - Is by adjustable parallel rails which are T bolted to table slots allowing the guard to be positioned forward around vice or component.
- Single interlock and positive manual latch.
- Construction - Steel tubular frame and 5mm polycarbonate windows.

#### Optional Extras

- An Infill Swarf Tray is available to reduce the hazard of fallen swarf.
- Rear Swarf Guard - Helps to contain the flying swarf within the table area and also act as a deterrent against third party intervention from the rear.

(We no longer produce the rigid type shown in our photograph. It has now been updated with a Flexible Shield)

- Operation - Totally encloses front and side of machine table. Slide and fold back front windows giving access to the work area. Hinged side windows to expose both end of machine table to allow machining of components that extend beyond table length. The right hand side of guard has additional sliding windows to give access to turret or machine console.

| -    | Maximum Table Size | Minimum Table Size | LEFT-HAND Side Window | RIGHT-HAND Side Window              | FRONT RIGHT-HAND Sliding Window |
|------|--------------------|--------------------|-----------------------|-------------------------------------|---------------------------------|
| SSP2 | 1585               | 940mm              | 500mm x 460mm         | 500mm x 460mm<br>Max Adj to 275 Min | 320mm x 222mm Ht.               |



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### Ordering Information

To ensure you receive the correct guard for your requirements state Model Number required and specify Dimension L, Dimension W Table Width and Dimension S.

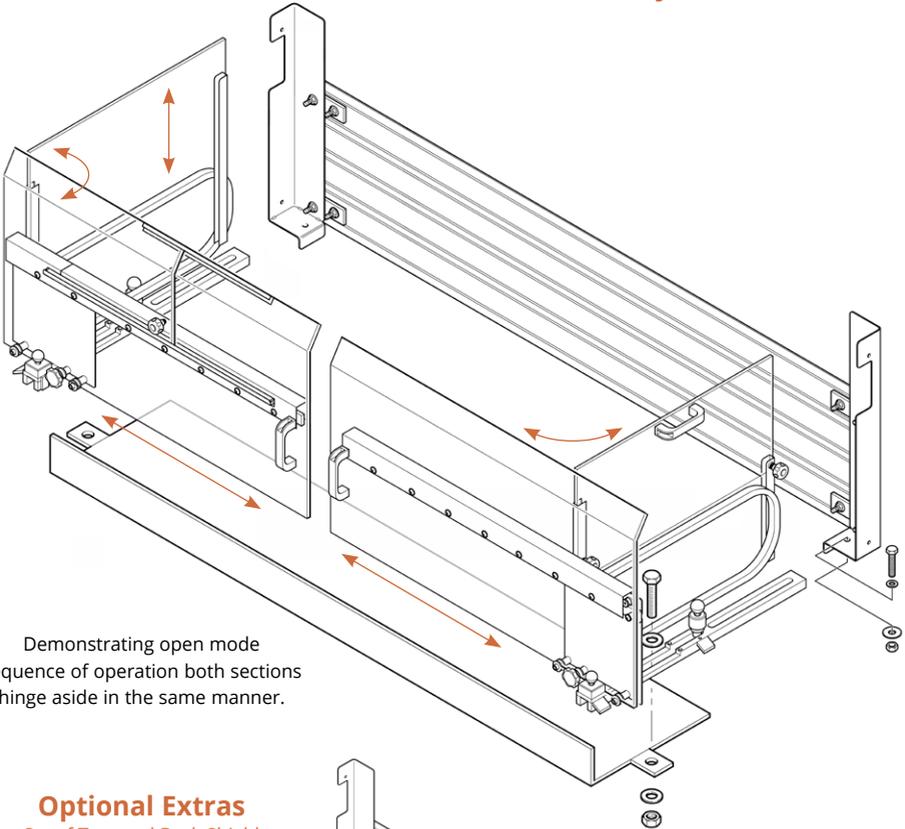
For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

Milling Machine

## SSP Guard

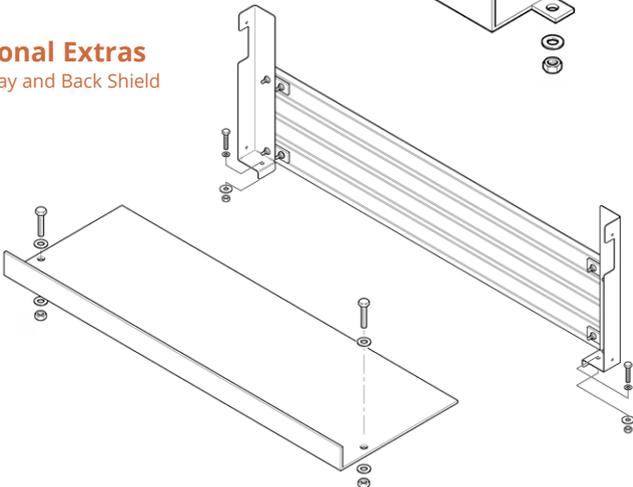
Shown with Swarf Tray and Shield



Demonstrating open mode sequence of operation both sections hinge aside in the same manner.

### Optional Extras

Swarf Tray and Back Shield



Our Guards

Milling Machine

## Horizontal Milling Machine Guard

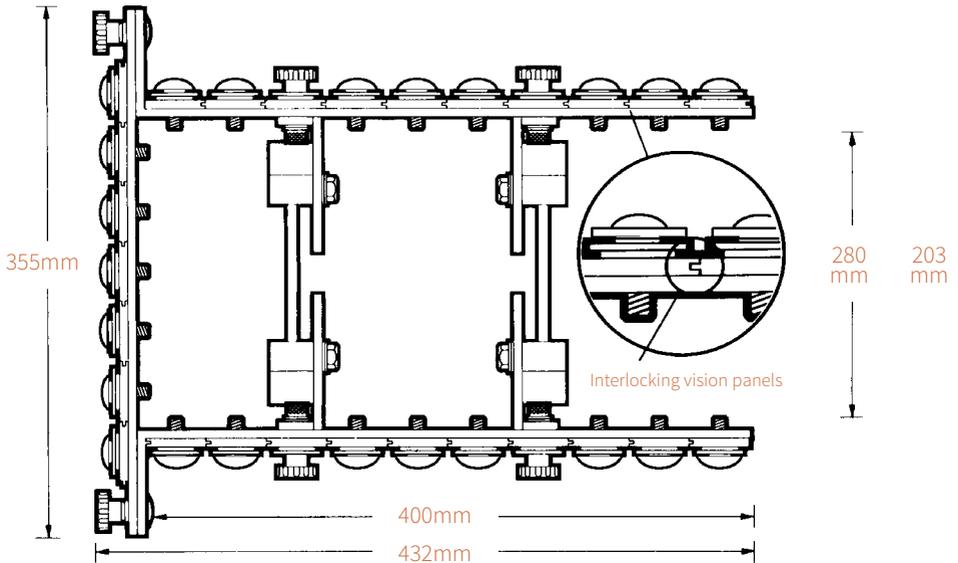


Model: HORIZONTAL GUARD

### Product Details

- Machine Type - Horizontal milling machines
- Method of attachment - Secures to overarm with V brackets or A or B clips
- Manually adjusted (Tool provided)
- Construction - Mild steel adjustable interlocking 6 mm polycarbonate visors
- Operation - Vizors adjust around machine to allow entrance for work piece only (Interlock NOT available)

### Standard Model - Viewed from above



### Ordering Information

1. Type of overarm.
2. Size of clips or dovetail.

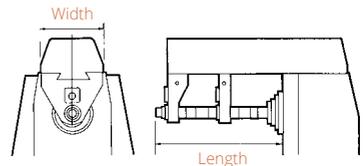
**Type A**  
Single Overarm



**Type B**  
Double Overarm



**Type C**  
Vee Slide



We can manufacture other sizes, to enable us to quote please send details of width and length of guard required as illustrated.

Our Guards

Lathe Guards

## Lathe Guards

**It is a legal requirement under EN:23125:2010 to fit an Interlock Guard to protect the operator from coming into contact with the rotating parts of the lathe.**

A comprehensive range of lathe chuck guards to suit most types and sizes of lathe including DSG, Harrison, Crawford Swift, Colchester & TOS Lathes are manufactured by Silvaflame with electrical interlock systems.

Specially designed lathe guards are also available. Please use our contact form to request further information.

Silvaflame-Cleevue can provide solutions to your lathe guarding requirements including hinged chuck guards, traversing guards, leadscrew covers and chip guards.



### Lathe

1. Light to Medium Centre Lathe Chuckguard  
**Page 24**
2. Light to Medium Centre Lathe Traversing Guard  
**Page 25**
3. Securvue Sliding Lathe Chuckguard Range  
**Page 26**
4. Leadscrew Covers  
**Page 28**



**CLEEVUE**<sup>®</sup>  
**CLEEVUE**



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Our Guards

Lathe Guards

## Light to Medium Centre Lathe Chuckguard



Model: L6

### Product Details

- Machine Type - Light to medium centre lathes
- Method of attachment - Secures to face or top of lathe headstock
- Manually adjusted to cover work area. Interlocked
- Construction - Cast aluminium and 4 mm polycarbonate visors
- Construction - L12 - Mild steel, P.V.C. skirt, 6.6 nylon pivot bushes and 4mm polycarbonate visors
- Operation - Hinges to allow access to chuck and work area

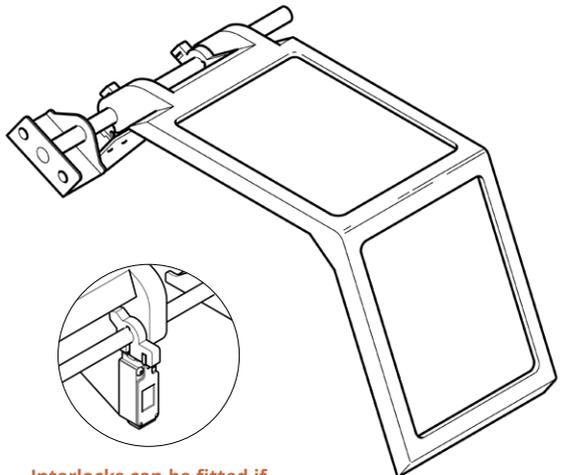
| Part No. | Model | Spare Visors (Set) | Max Chuck Dia | Width | TOP Length | SIDE Length |
|----------|-------|--------------------|---------------|-------|------------|-------------|
| 100001   | L6    | -                  | 150mm         | 175mm | 175mm      | 175mm       |
| 100003   | L12   | -                  | 300mm         | 215mm | 260mm      | 232mm       |
| 100005   | L18   | -                  | 450mm         | 265mm | 350mm      | 350mm       |
| 100002   | -     | L6                 | -             | -     | -          | -           |
| 100004   | -     | L12                | -             | -     | -          | -           |
| 100006   | -     | L18                | -             | -     | -          | -           |



Model: L12



Model: L18



Interlocks can be fitted if required to all models.

For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

Lathe Guards

## Light to Medium Centre Lathe Traversing Guard



Model: TRAVERSING GUARD

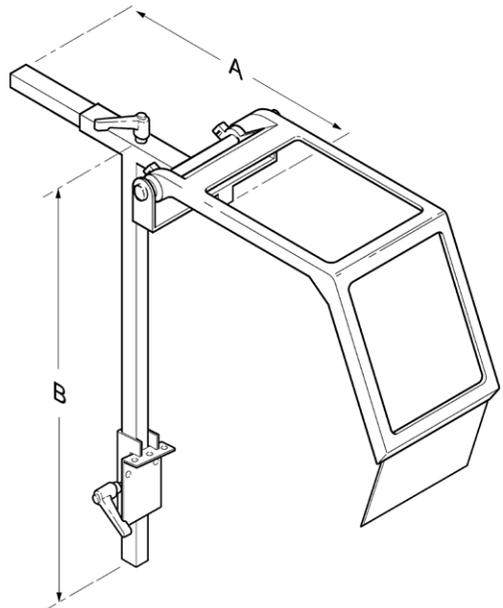
### Product Details

- Machine Type - Light to medium centre lathes
- Method of attachment - Secures to lathe saddle
- Manually adjusted to cover work area
- Construction - Cast aluminium and 4 mm polycarbonate visors L6 & L18
- Construction - SL12 - Mild steel, P.V.C. skirt, nylon pivot bushes and 4mm polycarbonate visors
- Operation - Traverses with saddle hinges to allow access to chuck and work area

| Part No. | Model | Spare Visors (Set) | Max Chuck Dia | Rod Length A | Rod Length B |
|----------|-------|--------------------|---------------|--------------|--------------|
| 100011   | SL6   | -                  | 150mm         | 335mm        | 510mm        |
| 100007   | SL12  | -                  | 300mm         | 335mm        | 510mm        |
| 100009   | SL18  | -                  | 450mm         | 335mm        | 510mm        |
| 100012   | -     | SL6                | -             | -            | -            |
| 100008   | -     | SL12               | -             | -            | -            |
| 100010   | -     | SL18               | -             | -            | -            |



Model: SL12



Our Guards

Lathe Guards

## Securvue Sliding Lathe Chuckguard Range

### Product Details

- Machine Type - Large/heavy
- Method of attachment - Secures by adjustable brackets to top of lathe headstock Interlocked
- Construction - Mild steel frame sliding on ball bearing track with 4mm polycarbonate visors
- Operation -Sliding action from headstock to enclose chuck and work area



Model: SA-1



SA Lathe Guards

| Part No. | Model  | Description                      | Chuck Ø     |
|----------|--------|----------------------------------|-------------|
| 10200    | SA-1E  | Lathe Chuckguard with Interlocks | Up to 600mm |
| 10010    | SA-1/V | Spare Window Set of Three        | -           |

| Part No. | Model  | Description                                     | Chuck Ø |
|----------|--------|---|---------|
| 80025    | SA-2E  | Lathe Chuckguard with Interlocks - Triple Track | 1000mm  |
| 80026    | SA-2/V | Spare Window Set of Three                       | -       |

| Part No. | Model | Description  | Chuck Ø |
|----------|-------|--|---------|
| 80027    | SA-3E | Lathe Chuckguard with Interlocks - Triple HD Track | 1500mm  |



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### CHUCK Ø IS FOR GUIDANCE ONLY

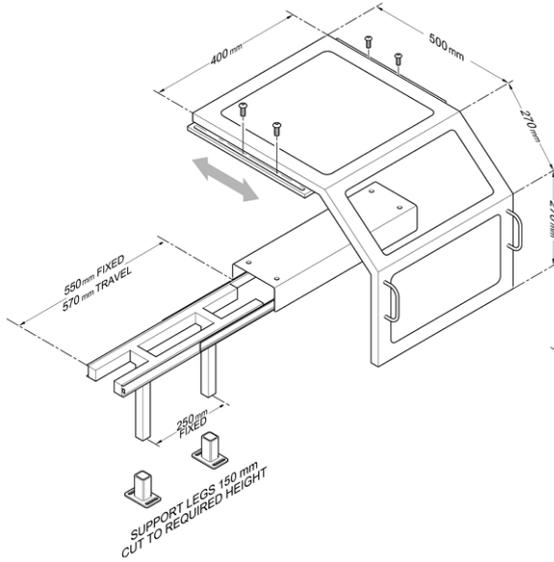
Support configuration can be manufactured to suit individual machines

For additional technical information - Please contact us, we will be happy to help **01543 431 060**

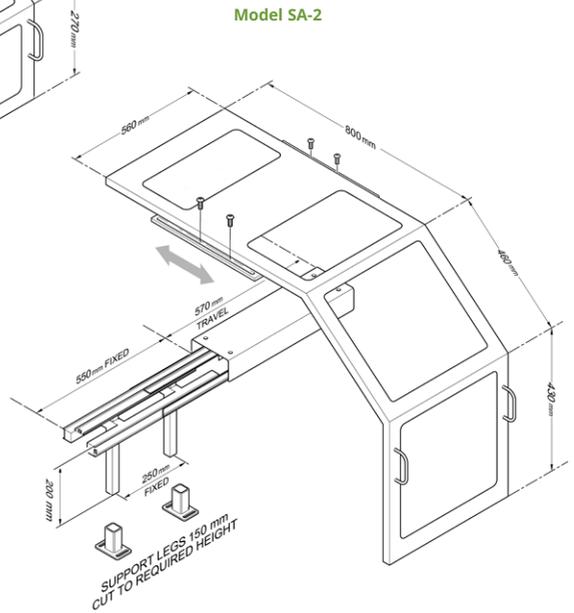
Our Guards

Lathe Guards

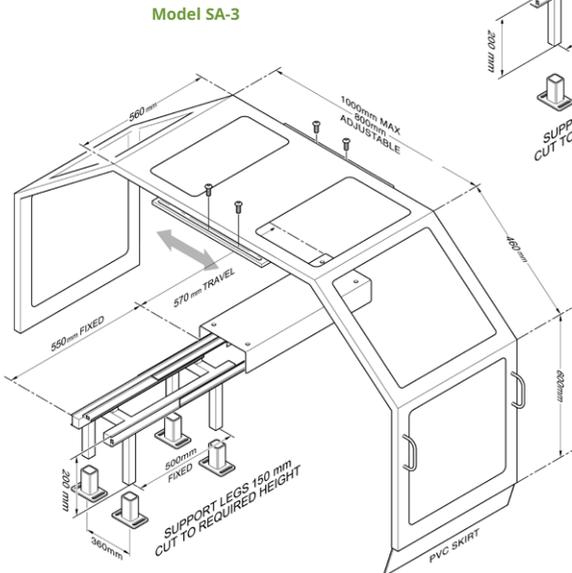
## Securvue Sliding Lathe Chuckguard Range



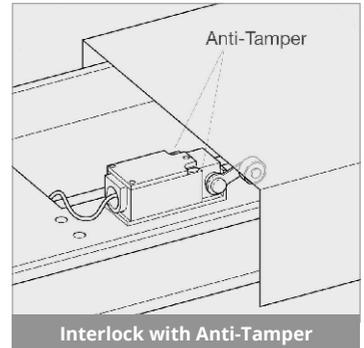
Model SA-1



Model SA-2



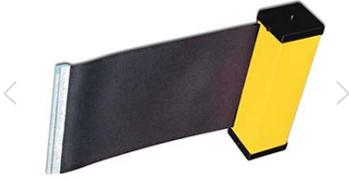
Model SA-3



Our Guards

Lathe Guards

## Leadscrew Covers



Model: LEADSCREW COVER

### Product Details

- All Steel Box
- Swarf & cutting emulsion resistant
- Standard brackets supplied
- Overall length of bed and width of shafts is required
- Maximum length 2500mm

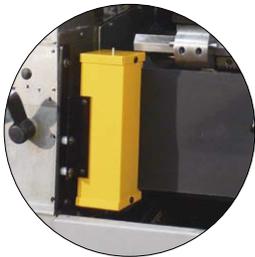
Manufactured with a steel casing, the guard uses heavy weight neoprene nylon as its sheet medium, sprung to give a full closure against the leadscrew, therefore offering full protection for the operator.

Additional fixing brackets may be needed.



Model: LEADSCREW COVER

| Part No. | Description                                    |
|----------|--|
| 70006    | Leadscrew Roller Cover x Overall Length of Bed |



Our Guards

All Machines

## All Machines

**Silvaflame-Cleervue manufacture a range of ancillary machinery products including magnetic guards, anti-splash screens, emergency braking and stop systems and clamping components.**

In addition to our standard guard range we can also design and produce bespoke guards for special purpose machinery such as Borer, Lathes, CNC and Robotics.



### All Machines

1. **Magnetic Optiguards Eye Protection**  
**Page 30**

2. **Anti-Splash Screen**  
**Page 31**

3. **Emergency Braking Systems**  
**Page 32**

4. **Emergency Stop Switches**  
**Page 33**

5. **Machine Floor Mounts**  
**Page 34**

6. **Bespoke Guarding**  
**Page 35**

7. **Clamping Components**  
**Page 35**

**Spares**  
**Page 35**



Our Guards

All Machines

## Magnetic Optiguards Eye Protection



Model: 001 &amp; 03



Model: 01 &amp; 05



Magnetic Operation

### Product Details

- Machine Type - Variable machines.
- Type of attachment - On/off magnet.
- Manually adjusted.
- Construction - 3 mm Polycarbonate vizor.
- Operation - Eye protection.
- **Models 01 and 05** have a flat screen with top curvature and are attached to a on/off magnet by a flexible stem which enables the screen to be rapidly positioned at any angle.
- **Models 00-1 and 03** have the same type of screen and are attached to a powerful on/off magnet by a rigid arm with precision ball and socket mounting assembly enabling the screen to be positively adjusted and locked in any position.

### Complete Guards

| Part No | Model | Screen Size   | Type of Stem |
|---------|-------|---------------|--------------|
| 110001  | 01    | 245mm x 180mm | Flexible     |
| 110009  | 05    | 295mm x 280mm | Flexible     |
| 110005  | 00-1  | 245mm x 180mm | Ball Joint   |
| 110003  | 03    | 295mm x 280mm | Ball Joint   |

### Spare Screens Only

| Part No | To Suit | Size          |
|---------|---------|---------------|
| 110002  | 01      | 245mm x 180mm |
| 110010  | 05      | 295mm x 280mm |
| 110006  | 00-1    | 245mm x 180mm |
| 110004  | 03      | 295mm x 280mm |



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For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

All Machines

## Anti-Splash Screen



Swivel & Brake Castor

### Product Details

- A free standing adjustable safety shield mounted on 50mm castors (swivel and braked).
- Constructed in 25mm x 25mm mild steel support tubes.
- Safety shield size 1200 x 800 x 5mm thick polycarbonate, angled top and bottom to deflect spray and any flying objects.
- Adjustable by two floral knobs to a maximum height of 1.7 metres.

**We are pleased to quote for other Screen Sizes**



Our Guards

All Machines

## Emergency Braking Systems



Model: QS UNIT

### Product Details

QS10 units are suitable for dual wound, D.O.L. motors.

### Supply Voltage

From 240 volts single phase to 415 volts 3 phase 50 Hz.

### Standard Models

- **QS2:** For motors up to 3 h.p. (2.2kW) D.O.L. 3 phase or up to 0.75 h.p. (0.55kW) single phase.
- **QS5:** For motors up to 7.5 h.p. D.O.L. 3 phase or up to 1 h.p. single phase.
- **QS10:** For motors up to 10 h.p. (7.5kW) D.O.L. 3 phase or up to 2 h.p. (1.5kW) single phase.

The Quickstop DC injection braking unit provides a rapid or controlled stop every time the tripping device is activated. This could be a trip switch, stop button or any device which opens its contact when operated.



Open QS Unit - Electronic Type

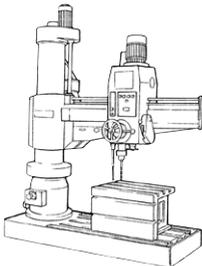
The Electronic D.C. injection units have a 240V control circuit.  
The Transformer D.C. injection units have a 110V control circuit.

The device works by cutting the A.C. supply to the electric motor and then injecting D.C. into the motor windings. This causes a magnetic field in the stator that causes the rotor in the motor to stop.

| Part No. | Motor      | Description  |
|----------|------------|--|
| 50001    | 0-3 h.p.   | Direct On Line (QS2) 300mm x 200mm x 150mm                   |
| 50003    | 0-7.5 h.p. | Direct On Line (QS5) 300mm x 200mm x 150mm                   |
| 50002    | 0-10 h.p.  | Direct On Line (QS10) 300mm x 200mm x 150mm                  |
| -        | 0-10 h.p.  | Direct On Line (QS10) Transformer type 400mm x 400mm x 200mm |

Our range comprises of two types - a transformer rectifier type and/or an electronic device style.

For rapid stop that is required for a radial drill - the transformer rectifier type is recommended because it has a quicker response time. For most other applications - the electronic units are normally suitable.



**Emergency Braking Systems for ALL Types of Machinery including Radial Drillers.**

For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

All Machines

## Emergency Stop Switches

### Product Details

#### Industrial Foot/Palm Switch

IP67, UL & CSA Approved. 1 N/O, 1 N/C contacts (10A). Latching.



| Part No. | Description            |
|----------|------------------------|
| 50008    | Industrial Foot Switch |

Model: FOOT SWITCH



#### Emergency Stop Station

Comprising positive action 28mm Red Lock-off stop button with normally closed contact.

| Part No. | Description   |
|----------|---------------|
| 50011    | Safety Switch |

Model: SAFETY SWITCH



#### Telescopic Antenna Switch

The trip switch is designed to offer protection to operators of radial drilling machines & similar exposed potentially dangerous equipment.

| Part No. | Description               |
|----------|---------------------------|
| 50005    | Telescopic Antenna Switch |

Model: ANTENNA SWITCH

Our Guards

All Machines

## Machine Floor Mounts



### Product Details

- Reduced vibration
- Absorb noise and shock
- Simplify machine installed by eliminating the need for costly foundation and holding down bolts
- Fitted in minutes

**Machine Mounts combine the dual but independently function of damping and levelling.**

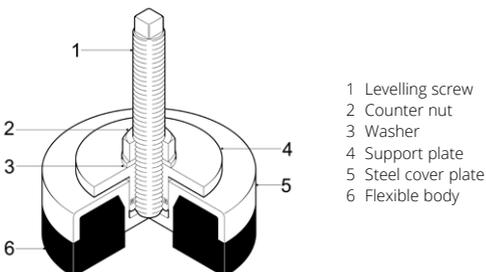
Highly effective damping stems from the solid base consisting of a galvanised steel cover plate and a flexible body which is moulded in acid oil, heat and age resistant chloroprene material which is suitable for any solid floor.

A vacuum is formed in the recess of the base by the pressure of the installed machine and a suction pressure is created that will prevent the machine from moving even when strong forces are applied in the horizontal plane.



Model: MACHINE MOUNT

| Part No | Ø (mm) | Min Height (mm) | Adjust Height (mm) | Bolt Thread | Bolt Length (mm) | General: Load per Mount (kg) | Presses: Load per Mount 160-200 stroke/ min | Presses: Load per Mount 125-160 stroke/ min | Presses: Load per Mount <125 stroke/ min |
|---------|--------|-----------------|--------------------|-------------|------------------|------------------------------|---|---|--|
| 220001  | 80     | 35              | 35 - 47            | M12 x 1,25  | 120              | 50 - 500                     | 50 - 120kg                                  | 60 - 140kg                                  | 70 - 200kg                               |
| 220002  | 120    | 40              | 40 - 53            | M16 x 1,5   | 120              | 400 - 1000                   | 100 - 250kg                                 | 120 - 350kg                                 | 200 - 400kg                              |
| 220003  | 160    | 50              | 50 - 65            | M20 x 1,5   | 170              | 800 - 2000                   | 250 - 725kg                                 | 350 - 1100kg                                | 400 - 1400kg                             |
| 220004  | 160    | 60              | 60 - 75            | M20 x 1,5   | 170              | 1500 - 4000                  | 500 - 1400kg                                | 750 - 2100kg                                | 1000 - 2800kg                            |



- 1 Levelling screw
- 2 Counter nut
- 3 Washer
- 4 Support plate
- 5 Steel cover plate
- 6 Flexible body

**To determine Mount required apply the following formula:**

Gross Machine Weight and Tooling is  
1016 Kgs.

With 4 mounting points this is a load of 254 Kgs per mounts therefore use Model 220001.

For additional technical information - Please contact us, we will be happy to help **01543 431 060**

Our Guards

All Machines

## Bespoke Guarding



BESPOKE GUARDS

### Product Details

In conjunction with our standard guard range we also undertake design and production of bespoke and perimeter fencing for special purpose machinery such as Boreers, Lathes, CNC and Robotics.



Our Guards

All Machines

## Clamping Components



Clamping Components

### Product Details

- DIN 6379 Studs
- DIN 787 Tee Bolts

Clamping Studs / Swan Neck Clamp  
Plain Clamp / Fixture Nut / Coupling Nut  
Hardened Washer / T Nut / Flange Nut  
Studs / Tee Bolts

A range of Steel clamping components, most of which are held in stock. All clamps are **FORGED AND HARDENED** for accuracy. Manufactured in Germany to the Highest Technical Standards.

All Machines

Spares

## Spares including visors, pin sets and clamping components



Spare & Replacement Parts

We supply a full range of spare and replacement parts for all of our products, including visors, adjustable pin sets, (these often get lost) and other items such as broken castings and steelwork.

**Please contact us for a full list, most of which are normally held in stock.**

British made  for over 70 years

# Silvaflame-Cleervue Co Ltd

## Issue 4

03/2019

**Silvaflame-Cleervue is the foremost manufacturer  
of Machine Safety Guards in the UK**

**We manufacture** a full range of standard machine safety guards in various sizes to suit Lathes, Drillers, Millers and Grinders which covers 90% of machines used in industry.

**Our other products** include eye shields, D.C. Injection Brakes and ancillary safety equipment.

**In addition** to our standard range we also produce bespoke safety guards for special purpose machines down to the smallest air drillers, perimeter fencing and enclosures.



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For more information about us, our machinery safety guards or another enquiry, please contact us by email, **Fax 01543 509140** or Call us



# 01543 431 060



Web

[silvaflame.co.uk](http://silvaflame.co.uk)

[silvaflame.com](http://silvaflame.com)

[cleervue.co.uk](http://cleervue.co.uk)

Facebook



22 March 2019 11:01 am

## Silvaflame-Cleervue

22 Park Street, Cannock, Staffordshire, WS11 0BX

Email: [enquiries@silvaflame.com](mailto:enquiries@silvaflame.com)

