

## SAFETY EQUIPMENT DESIGN & MANUFACTURE

We pride ourselves on working with the world's leading manufacturers to produce a range of supreme quality safety products. Please see below a full listing of the products we can supply.



### SV Products

Crusader Lite  
Crusader Phoenix  
Scorpion  
Supreme Filter Box  
Shot blasting Cabinet Visors  
Shot blasting Helmets and Visors

### Bespoke Products

Chemical Suit Visors  
Electrical Arc Flash Visors  
Hoods  
Canopies and Screens



Acetate Visors  
Visor Templates  
Visor Tear Offs  
Self Adhesive  
Air Fed Visor Inners  
Air Fed Visor Disposables

### SV Specials

Mine Clearance  
Bomb Disposal  
Riot Control  
RTA Shields

## Manufacturing Facilities

We are first and foremost a visor manufacturer.

We are specialists in the field of sensory protection in extreme industrial environments and in threatening situations such as riots and mine clearance. Our business is devoted to designing, prototyping and manufacturing for;

- OEMs
- Industry
- Large international agencies
- Branded visors and helmets





# CRUSADER

AIR FED VISOR

## PAINT SPRAYING

### Crusader Lite

Crusader air fed visors are ideal for paint spraying and light finishing applications.

The latest generation of products include the 'Crusader Lite.' The unit is ear defender compatible, fitted with an adjustable regulator and dual function alarm - visual AND audible. The ultra lightweight head top has an acetate visor for the best chemical resistance - disposable visors available and included with each product provide a virtually indestructible permanently bonded face seal.



# PHOENIX

AIR FED VISOR

## METAL SPRAYING

### Crusader Phoenix

The Phoenix metal spray visor and hood combines air-fed respiration technology with a visor specifically developed for the metal spray industry. Lightweight but robust, the Phoenix was developed for this specialist industry to give the very best protection.





## SCORPION

SHOT BLASTING HELMET

### SHOT BLASTING

#### Scorpion

The Scorpion helmet was specifically designed for shot blasting applications. The helmet is highly visible, comfortable to wear and large enough to accommodate ear defenders.

It has an inner helmet for stability, a tear off visor system and it is of robust, heavy duty construction throughout.



## SUPREME

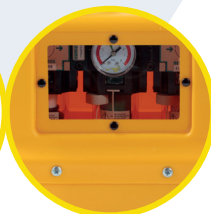
FILTER BOX

### FILTERS & REGULATORS

#### Supreme Filter Box

##### Benefits

- Easy to read pressure gauge and inspection window
- Supplies enough for two sets of air fed safety equipment
- Minimum maintenance self draining filters
- Easy to manoeuvre unit with carrying handle





## Vacuum Forming

Our vacuum forming facilities are used to prepare the basic structure for;

- Branded helmets
- Point of Sale items
- Special products such as trays, display cases etc.

Whether these products are supplied to the Police and Armed Forces or to industry, our skilled technicians and designers produce only quality products to the most demanding of standards.

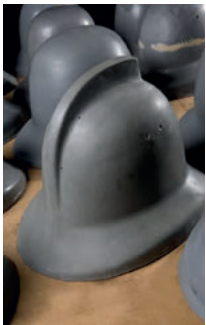
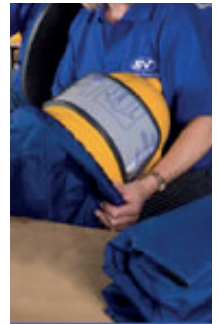
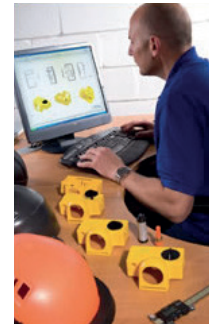
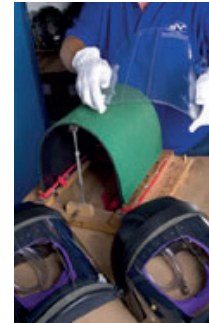
### Our Complete Service Includes:

- Concept design
- Prototyping
- Full cost breakdown

- Tool manufacture
- CNC programming for all sizes of production run
- High speed visor manufacture
- Packaging and delivery

### Our Vacuum Forming Capabilities

- All forms trimmed to customer requirements
- Forming capability - 1m x 1.5m x 0.5m draw, with material thickness up to 8mm in many different plastics
- Processing and finishing - trimming, painting, bonding, piercing and all assembly work to complete the products



## Production Machinery

### Forming

- Automated packaging machine, for blister packs and thin vacuum forms
- Geiss semi-automatic vacuum former
- 'Free blowing' table for C.C.T.V. domes

### Presses

- Sisco 60 tonne fully automatic Press
- Samco 25 tonne swing beam presses
- Fly, toggle and foot operated presses

### Finishing

- 5 axis C.N.C. Geiss Routing Centre
- 1550mm fully programmable guillotine
- Branding machines, automatic and manual

- Horizontal and vertical band saws with conveyor facilities
- Air circulating ovens
- 3 axis CNC machine
- Glue dispensing machines
- Acrylic line bending machine

### Recycling

- Granulators for re-cycling plastics

### General

- Metal bending machine
- M.I.G. and arc welders
- Maintenance workshop

## Designed 2 Fit

The 'Designed 2 Fit range' is our own interpretation of the original equipment and we take great care in ensuring it will fit your helmet and perform as well as it can do in a safe manner. We manufacture all our own products in our factory in the UK using leading brands of optical quality plastics. Tech data sheets are available on the website.



### Acetate Visors

Manufactured to resist paint solvents for the re-finish industry, they include studs to fit removable visors when appropriate.



### Visor Templates

When instructed to design for our customers we have a full SolidWorks suite which we can design in 3d and supply digital models prior to prototyping, then we can cut a prototype out from thin plastic to check the fit and the aesthetics - this can also be used for test specimens, later tooling can be made to the exact size of this prototype.



### Visor Tear Offs

We manufacture for all the shotblasting helmets available, we use crystal clear material and we recycle all the offcuts. We designed our own 60 tonne machine for this and are capable of producing over 1 tonne of visors per day!



### Self Adhesive Visors

We can manufacture these visors and apply a self adhesive die cut tape to the perimeter at a set design and a set distance in from the edge, for double glazing a visor - such as a chemical suit - this visor can then give an anti-mist surface to the inside.

