



Comprehensive personal protection for heavy industry and welding

The purpose-built and compact PROCAP is designed to lead the field for protection in hazardous environments such as welding, grinding, metal processing, quarrying, foundry work, construction, demolition, and ship-building. It incorporates complementary respiratory, head, face, eye and hearing protection systems – as well as a host of pioneering safety and ergonomic features.

Welding protection – by design

Welding protection has been a vital design criteria for the PROCAP from inception. Seamless integration is due to the patented dual visor-glide system, 'ProGlide'™.

This unique system allows the user to smoothly retract both the face protection shield and optional welding shield individually for maximum flexibility.

The welding frame is a strong, lightweight polyamide construction to which the welding lens is easily attached.

PROCAP Welding features a large 110 x 90 mm flip-up welding visor into which the different shades of welding filters can be inserted.

Optional electro-optical filters are also available.

Cooling airflow

The helmet's atmosphere is well-ventilated with an air-duct delivering the filtered air smoothly onto the visor and to the breathing zone – preventing visor misting and providing an efficient source of clean breathable air.



Unique facial protection

The PROCAP accommodates a selection of visors from clear, shaded or gold – for protection against heat and infrared radiation – and welding visors to make it suitable for a wide range of industrial applications.

Outstanding wearer comfort

The powered air-blower or air regulator systems are mounted at the waist to minimise noise and the weight of the helmet. Wearer comfort is maximised by many features including a broad elasticised face seal and replaceable leatherette sweatband.

The whole system is ergonomically designed to offer balance and avoid neck fatigue. It is compact, easy to assemble and dismantle.

Hearing protection

Dedicated high performance ear defenders are available for attachment to the helmet (SNR 26 or 29 available).



Balanced

Facial protection is provided by the unique 'ProGlide' integral, patented parallel-rail system which supports the first-stage face

protection shield and second stage optional welding shield. Both glide smoothly to be individually positioned or retracted.

A sealing buffer behind the visor sweeps contaminants such as

slag, dirt or spatter, off the surface of the helmet.

The visor lift carriage system provides perfect balance on the head with the visor up or down.

A breathing hose

connects to the helmet via a swivel-jointed snap-in hose connection for freedom of movement.

The low profile design ensures minimal impact on work activities – even in restricted environments.

Total head protection

The PROCAP consists of a tough, heat and molten metal-resistant reinforced polyamide shell, adjustable head harness, face seal, air distribution channel inside the shell and a flip-up visor frame.

A choice of clean air supplies

• POWERED FILTRATION SYSTEMS

With the Protector Tornado or Scott Proflow SC powered systems a full range of high efficiency particle, gas and combined filters is available – including multi-gas types.

Both systems offer ergonomically designed belt mounted blower systems featuring electronic flow control and low-flow alarm systems and a choice of options and accessories. Rechargeable NiMH or NiCd batteries give full shift working duration.

The Tornado T/POWER system is a unique, modular lightweight design which can be configured to the user's requirements.

Proflow SC offers a sophisticated on board computer facility allowing the download of servicing data and a long life motor with a 3 year/1800 hour warranty. The water-resistant construction means that it is ideally suited to applications requiring shower decontamination.



• COMPRESSED AIR SUPPLY

The Tornado T/A-LINE belt mounted regulator allows Procacp to be supplied clean breathing air from a compressor. It offers a full range of facilities, including a low pressure warning whistle, an auxiliary air take-off point, left or right hip wearing, and dual function in-line silencer and odour filter incorporating an oil contamination indicator.

The T/A-LINE should be specified where the nature of air contaminants makes the use of a filtering respirator impossible or uneconomic, but its low weight and extremely low noise levels mean that users can enjoy its benefits wherever there is a suitable compressed air supply available.



Multiple range of applications

- Welding
- Grinding
- Construction and demolition
- Quarrying and stonemasons
- Landfill and waste disposal
- Shipyards
- Open cast mining
- Bulk material handling
- Power stations
- Metal processing
- Agriculture
- Mills
- Docks
- Grain handling
- Foundries and Smelters (Aluminium, Steel, Lead)
- Heavy maintenance



PROCAP Respiratory Protection Helmet

Approvals

Procap carries a wide range of approvals to reflect its multi-function versatility.

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|-----------------------------|---|
| Respiratory Protection | EN12941 TH2 (with T/POWER or Proflow SC) EN1835 LDH2 (with T/A-LINE) Assigned Protection Factor: 20 |
| Head Protection | EN397 – including the following optional high performance certifications: <ul style="list-style-type: none"> • MM (molten metal) • LD (lateral deformation) • -30°C (low temperature impact) • 440VAC (electrical insulation) <i>NB – excluding Clause 4.4 Internal Ventilation Clearance</i> |
| Eye and Face | EN166 – a range of visors is available: <ul style="list-style-type: none"> • Standard polycarbonate (1B9) • Hard coated polycarbonate • Shade 3 and 5 acetate (1F) • High heat gold coated polycarbonate |
| Welding visor | EN175 |
| Optional hearing protection | EN352-3 |

Accessories

A wide range of accessories is available, including tear-off visor covers, welding hood, hose covers, belt options and spark arrestors for filters.

Ordering details

Contact your local Protector or Scott distributor or Scott Health and Safety direct for further information on product availability and configurations.

Technical data

Comprehensive technical data sheets are available. Contact us or download directly from our website at www.scottint.com.



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D I S T R I B U T O R

In accordance with our policy of continual product improvement, equipment supplied may differ from the specification detailed herein.

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