

**POLSAB**

TECHNIKA SPAWALNICZA

**ESAB**®



WELDING HELMETS

# ESAB

## WELDING HELMETS

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# WELDING HELMET

## SWARM A20

The lightweight SWARM A20 welding helmet is a heavyweight when it comes to performance and flexibility. Using an advanced auto-darkening filter (ADF), SWARM A20's externally selectable shade range from 9–13 tackles the most demanding welding applications. A handy grind setting, also found on the external knob, allows quick attention to finishing work. Further adjustments to delay and sensitivity settings can be made easily with dials inside the helmet.



### SPECIFICATIONS

Viewing Area 93 x 43 mm

Active Lens Shade (Adjustable) 9 –13

Passive Lens Shade 4

Power Supply 1 x CR2032 battery, replaceable

Arc Sensors 2

Switch Time (Light to Dark) 0.1 ms

CE Optical Classification 1/1/1/2

Standards and Certifications CE: EN175; EN379; EN166; ANSI: Z87.1; CSA: Z94.3

Weight 520g

### ORDER INFORMATION

**SWARM A20 Welding Helmet: Part No. 0700102010**



# WELDING HELMET

## G30/G30 Air

The G30 is a unique design in flip front welding and grinding helmets. The visor provides effective protection from UV and IR radiation when the visor is both open and closed, and is available in different shade levels. The helmet is equipped with a strong and comfortable head gear.



### SPECIFICATIONS

Viewing Area 155 mm x 170 mm (large visor)  
Large Inner Lens DIN Options Clear, DIN 2, DIN 3, DIN 5  
Outer Flip Visor DIN Options DIN 5, DIN 8, DIN 10  
Standards CE, ANSI, CSA, ASNZS, EN12941 Class TH3 P R SL  
Weight – G30 570g  
Weight – G30 Air 730g

### ORDER INFORMATION

**G30 DIN 10 Welding Helmet: Part No. 0700000430**  
**G30 Air DIN 10: Part No. 0700000433**  
**EPR-X1.1 PAPR system: Part No. 0700500920**



# WELDING HELMET

## G40/G40 Air

## G50/G50 Air

G40 & G50 is a combined welding and grinding helmet of which the G40 houses a passive mineral glass and the G50 houses an ADF Automatic Darkening Filter, shade levels DIN 9-13, and with flip-up visor. The large plastic lens gives the welder an unobstructed field of view when the visor is flipped up. The helmets are rated B in the impact resistance classification, which means they are approved for grinding.



## SPECIFICATIONS

Model	G40	G50
Viewing Area	60 x 110 / 90 x 110 mm	97 x 47 mm
Lens Shade	DIN 10	9 -13 Automatic
Power Supply	-	Solar cell, no battery change
Standards	EN12941 Class TH3 P R SL	EN12941 Class TH3 P R SL
Classification	-	1/1/1/2
Weight Standard Helmet	700 g	730 g
Weight Air Version Helmet	870 g	890 g

## ORDER INFORMATION

**G50 9-13 0700000438 G40 Air: Part No. 0700000440**

**G50 Air 9-13 Prepared for fresh air (incl. air duct and face seal) Part No. 0700000441**

**EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920**



# WELDING HELMET

## SAVAGE A41

The Savage A41 welding helmet improves on the legendary Savage A40 with an updated digital user interface, streamlined external grind button and wider shade range. Using cues from ESAB's Sentinel A60 and Savage A50LUX, the Savage A41 user interface now includes a clear and simple digital push-button UI, with precise setting feedback using a multi-color LED display so you know the exact shade, delay and sensitivity setting you have selected. The Savage A41 retains all the other performance aspects from Savage A40, including fantastic true color technology, excellent optical characteristics, housed in our distinctive shell design.



### SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade DIN 4, 8 -13 Automatic

Power Supply Solar cell, Replaceable Battery (1\*CR2450 lithium). Alerts when low battery.

Sensors 4

Switch Time, from Dark to Light 0.1-0.9 s

Switch Time, at 23°C 0.07 ms

Classification 1/1/1/2

Standards CE EN379, EN175, ANSI, CSA, & AS/NZS

Weight 500g

### ORDER INFORMATION

**Savage A40 8-13 Black: Part No. 0700504100**

**Savage A40 8-13 Yellow: Part No. 0700504101**





# WELDING HELMET

## SAVAGE A41 Air

The Savage A41 Air incorporates an updated digital user interface with an extended shade range from shade 8 to 13, covering all of the essential welding applications. The simple push button control panel makes it easy to select the exact shade, sensitivity and delay settings needed for the most challenging welding process. An external grind button locks the ADF to the passive shade 4 setting for quick grinding / finishing work without the need to remove the helmet. Pairing the helmet to ESAB's EPR-X1.1 PAPR system delivers TH3 level particulate protection, and the option to add A1B1E1 gas filtration with the available gas filter. The helmet's ventilation system drafts the air from the top of the headgear, providing a comfortable airflow during long welding hours.



### SPECIFICATIONS

Viewing Area 100 x 50 mm

Lens Shade 8 -13 Automatic

Power Supply Solar cell, Replaceable battery. (1\*CR2450 lithium). Alerts when low battery.

Sensors 4

Switch Time, from Dark to Light 0.1-0.9 s

Switch Time, at 23°C 0.07 ms

Classification 1/1/1/2

Standards CE EN379, EN175, EN12941, ANSI Z87.1 , CSA Z94.3, & AS/NZS 1338.1

Weight 700g

### ORDER INFORMATION

**SAVAGE A40 Air, Replaceable Battery, Black: Part No. 0700504102**

**EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920**



# WELDING HELMET

## SAVAGE A50 LUX/A50Air

The Savage A50 LUX has the performance to deliver advanced OpTCS™ true-colour viewing at a flawless EN 1/1/1/1 optical level. The ADF features a simple, intuitive control panel that offers control over the most critical features related to all types of welding, with wide shade selection 5-steps of delay and sensitivity. Adding to the Savage A50 LUX's versatility, is a 50-lumen, dual LED work-light, integrated behind the moulded front cover lens. The work-light is powered by it's own "AA" battery, which offers long life using the integrated arc sensor, shutting the light off only when an arc or intense light is detected. The Halo™ headgear found in the Savage A50 LUX, is the same 5-point adjustable solution offered in the Seintinel A60.



### SPECIFICATIONS

Viewing Area 100 x 60 mm

Lens Shade DIN 3, 5 -13 Automatic

Power Supply Solar cell, Replaceable Battery (1\*CR2450 lithium). Alerts when low battery.

Sensors 4

Switch Time, from Dark to Light 0.1-0.9 s

Switch Time, at 23°C 0.07 ms

Classification 1/1/1/1

50-lumen, dual LED work-light

Standards CE EN379, EN175, ANSI, CSA, & AS/NZS

Weight 575g

### ORDER INFORMATION

**Savage A50 LUX: Part No. 0700500950**

**Savage A50 LUX Air: Part No. 0700500951**

**EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920**





# WELDING HELMET

## SENTINEL A60

Sentinel A60 welding helmet is taking your welding to the next level with a huge panoramic view and perfect 1/1/1/1 EN optical clarity. Now you'll have an even wider view of the weld pool without any distortion. The reengineered auto-darkening filter (ADF) features a new ESAB OpTCS™ broad-spectrum light control technology from ESAB. This delivers an enhanced True Colour view with reduced eye fatigue for the most demanding days on the job. New 0.5 increment shade adjustments give you more precise control of your view. The signature shell design of Sentinel, fully-adjustable Halo™ headgear, and external grind mode button complete the most comfortable, highest performance helmet ESAB has ever produced.



### SPECIFICATIONS

Viewing Area - 118 x 71 mm

Active Lens Shade 5 –13 (Adjustable in 0.5 shade increments)

Passive Lens Shade - 3

Power Supply - 2 CR2450 batteries, replaceable

Arc Sensors - 4

Switch Time (Light to Dark) - 1/25,000 second

Switch Time (Dark to Light) - Digitally adjustable from 0.1 to 0.9 second

CE Optical Classification - 1/1/1/1

Standards and Certifications CE: EN175; EN379; EN166, ANSI: Z87.1, CSA: Z94.3, AS/NZS 1338.1, ISO 16321+TIG

Weight - 644g

### ORDER INFORMATION

**Sentinel A60 Helmet: Part No. 0700600860**



# WELDING HELMET

## SENTINEL A60 Air

The Sentinel A60 Air welding helmet builds on the advancements of the standard Sentinel A60, taking your welding to the next level. A large panoramic view and perfect 1/1/1/1 EN optical clarity provide an even wider view of the weld pool without any distortion. The reengineered auto-darkening filter (ADF) features new OptTCS™ broad-spectrum light control technology from ESAB, giving you an enhanced True Colour view with reduced eye fatigue for the most demanding days on the job. New 0.5 increment shade adjustments give you more precise control of your view. The shell retains the signature Sentinel design, and incorporates a new air diffusor screen. Fully adjustable Halo™ headgear, external grind mode button and the most comfortable, highest performance helmet ESAB has ever produced.



### SPECIFICATIONS

Viewing Area - 118 x 71 mm

Active Lens Shade 5 –13 (Adjustable in 0.5 shade increments)

Passive Lens Shade - 3

Power Supply - 2 CR2450 batteries, replaceable

Arc Sensors - 4

Switch Time (Light to Dark) - 1/25,000 second

Switch Time (Dark to Light) - Digitally adjustable from 0.1 to 0.9 second

CEOptical Classification - 1/1/1/1

Standards and Certifications CE: EN175; EN379; EN166, ANSI: Z87.1, CSA: Z94.3, AS/NZS 1338.1, ISO 16321+TIG

Weight - 860g

### ORDER INFORMATION

**Sentinel A60 Helmet: Part No. 0700600861**

**EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920**



# PAPR SYSTEM

## EPR X1.1

ESAB's EPR-X1.1 PAPR unit connects seamlessly with all current ESAB prepared for air welding helmets and provides advanced respiratory protection from harmful welding fume particulates. This PAPR is designed for applications ranging from occasional use to full-time industrial applications. The EPR-X1.1 offers a robust, compact housing with a powerful blower to ensure maximum life and performance. Check your battery status, fan settings and filter conditions at a glance with quick-access status LED lights. Additionally, the PAPR provides audible and vibratory alerts to notify the user of low air flow (indicating a needed filter change) and low battery conditions.



### SPECIFICATIONS

Air Flow	Selectable 170; 190; 210 l/min (6 - 7.8 cfm)
Battery Time	Up to 10h @ 170 l/min (7.8 cfm)
Filter	P3 filter and pre-filter with replaceable spark arrestor
Certifications	CE EN12941 TH3 P
Dimensions LxHxW	210 x 169 x 78 mm
Weight	1 kg (2.2 lbs)

#### Combined Gas Filter

Air Flow	170 l/min
Certifications	CE EN12941:1998/A2:2008 TH3A1B1E1P R SL
Dimensions LxHxW	207 x 101 x 89 mm
Weight	550 g



### ORDER INFORMATION

**EPR-X1.1 PAPR system with expandable hose: Part No. 0700500920**

**EPR-X1.1 Combined Gas Filter A1B1E1 and P3: Part No. 0700500914**



# WELDING HELMET SPARES

<b>Swarm A20</b>	<b>Item No.</b>	<b>MOQ</b>
Swarm A10 / A20 Headgear	0700102005	1
Swarm A10 / A20 / A30 Front Cover Lens	0700102004	5
Swarm A10 / A20 Inner Cover Lens	0700102008	5

<b>G30</b>	<b>Item No.</b>	<b>MOQ</b>
Large inner Visor G30 DIN 2	0700000502	1
Large inner Visor G30 DIN 3	0700000503	1
Large inner Visor G30 DIN 5	0700000504	1
Outer Flip Visor G30 Din 5	0700000505	1
Outer Flip Visor G30 Din 8	0700000506	1
Outer Flip Visor G30 Din 10	0700000507	1

<b>G50</b>	<b>Item No.</b>	<b>MOQ</b>
Large inner Visor G30, G40 & G50 - Clear	0700000501	1
Front Cover Lens G40 & G50	0700000517	10

<b>G30, G40, G50 Air</b>	<b>Item No.</b>	<b>MOQ</b>
Head & Face Seal G30, G40 & G50	0700000512	1

<b>Savage A41</b>	<b>Item No.</b>	<b>MOQ</b>
Front cover lens,	0700000010	10
Inside Cover Lens	0700000482	10
<b>Savage A41 Air</b>		
Face Seal	0700500405	1

<b>Savage A50 Lux</b>	<b>Item No.</b>	<b>MOQ</b>
Savage A50 LUX Front Cover Lens Clear	0700500953	5
Savage A50 LUX Front Cover Lens Clear HD	0700500954	5
Savage A50 LUX Inner Cover Lens	0700500955	5
<b>Savage A50 Lux Air</b>		
Savage A50 LUX Air face seal	0700500960	1

<b>Sentinel A60</b>	<b>Item No.</b>	<b>MOQ</b>
Sentinel A60 Front Cover Lens - Clear	0700600880	2
Sentinel A60 Front Cover Lens - Amber	0700600881	2
Sentinel A60 Front Cover Lens -Clear HC*	0700600882	2
Sentinel A60 Front Cover Lens - Amber HC*	0700600883	2
Sentinel A60 Inside Cover Lens	0700600866	5
<b>Sentinel A60 Air</b>		
Sentinel A60 Face Seal	0700600870	1

For more information please visit [esab.com](http://esab.com)

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