

# PPE & Welding Accessories

PERSONAL PROTECTION

WELDING TOOLS AND ACCESSORIES

SPECIAL PROCESS EQUIPMENT





# ***World***

Since 1904, ESAB has been both a pioneer and leader in welding and cutting development technology. Today ESAB combines world leadership with global applications expertise.



# *leader*

**in welding and cutting technology and systems**

With over 100 years of experience, and a presence in over 80 countries worldwide, ESAB is probably the most recognised brand in welding and cutting with a product portfolio, which includes:

**Standard Welding and Cutting Equipment**

**Automatic Equipment**

**Automated Cutting Equipment**

**Welding Consumables**

**Personal Protective Equipment (PPE)**

**Welding Accessories**

By continuously improving and developing our products and manufacturing processes, we meet the challenges of technological advance in every sector and market we operate in. Delivering quality products and services remains at the heart of everything we do across all our global sales and product operations.



XA00167420

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### Clarification:

Pack: indicates pack size. If not indicated, pack = 1 x.

Box: quantity in box



# ***Personal Protection***

ESAB offer a comprehensive range of Personal Protection Equipment, covering everything from head to foot, for both welding and cutting and general engineering applications. All ESAB products conform to all relevant EU legislation and standards.

As Health and Safety Standards improve year on year, so does ESAB's commitment to providing a product portfolio capable of meeting the ever increasing demands of the markets we serve. As you would expect from a leading supplier of welding and cutting solutions, the ESAB product range is second to none for quality and reliability.



# Automatic darkening welding helmets- overview




	New-Tech™ 6-13 XL ADC Plus	New-Tech™ 6-13 ADC Plus	New-Tech™ 9-13 ADC Plus	
				
Shade level, DIN	6-13	6-13	9-13	
Optical level according to EN 349 <sup>1)</sup>	1-1-1-1	1-1-1-1	1-1-1-1	
Visibility area, BxH, mm	96 x 68,5	95 x 46,5	95 x 46,5	
Weight, g	540	540	540	
<b>Areas of use:</b>				
MIG/MAG	•	•	•	
MMA	•	•	•	
TIG	•	•	•	
Carbon-arc gouging	•	•	•	
Plasma cutting	•	•	•	
Micro plasma welding	•	•	•	
Gas welding & Gas cutting	•	•	•	
Grinding mode, DIN 4	•	•		
Approved for grinding <sup>2)</sup>	•	•		
Infinitely adjustable sensitivity	•	•	•	
Infinitely adjustable delay	•	•	•	
Page no. in catalogue	8-14	8-14	8-14	
<b>Part no. - overview:</b>				
Welding helmet	0700 000 955	0700 000 956	0700 000 957	
Welding helmet prepared for fresh air	0700 000 966	0700 000 960	0700 000 963	
Welding helmet prepared for hard hat	0700 000 955*	0700 000 956*	0700 000 957*	
Welding helmet hard hat & prepared for fresh air	0700 000 958	0700 000 961	0700 000 964	
Welding helmet internal visor & prepared for fresh air	0700 000 959	0700 000 962	0700 000 965	
Protective glass outside	0700 000 227	0700 000 227	0700 000 227	
Dimensions, BxH, mm	110 x 90	110 x 90	110 x 90	
Protective glass inside	0700 000 268	0700 000 228	0700 000 228	
Dimensions, BxH, mm	111 x 71	107 x 51	107 x 51	
Power supply	Built-in solar cells + 2 x CR2032 batteries	Built-in solar cells	Built-in solar cells	

<sup>1)</sup> Result is indicated by the digits 1-3, where 1 indicates the best quality. For a more detailed explanation see fact box on page 8.

<sup>2)</sup> CE approved according to EN 166, class B, high speed particles 120 m/s

<sup>3)</sup> Extra large grinding visor with clear lens gives the welder an unobstructed field of view.

\* Replace head harness with Helmet adapter Universal (0700 001 005), see page 46-47.

	Aristo® Tech 5-13	Warrior™ Tech 9-13	Albatross 4000X 9-13
			
	5-13	9-13	9-13
	1-1-1-2	1-2-1-2	1-3-1-3
	96 x 48	98 x 48	95 x 40
	490	520	615
	•	•	•
	•	•	•
	•	• > 5 A	• > 20 A
	•		
	•		
	•		
	•		
	•		• 3)
	•		•
	•	•	•
	•	•	•
	15-20	23-27	28-33
	0700 000 353/354/355	0700 000 400/401	0700 000 319
	0700 000 356/358/357	0700 000 405/406	0700 000 320
	0700 000 353/354/355*	0700 000 400/401	0700 000 321
	0700 000 362/364/363	-	0700 000 322
	0700 000 359/361/360	-	-
	0700 000 010	0700 000 010	0700 000 277
	110 x 108	100 x 108	88 x 107
	0700 000 228	0700 000 417	0700 000 228
	107 x 51	107 x 55	107 x 51
	Built-in solar cells	Built-in solar cells	Built-in solar cells




## Quality of the LCD cassette

The LCD cassette in automatic welding helmets must be CE approved according to EN 379. In conjunction with the approval, the LCD cassette's optical quality is also tested in four different categories:

- Optical quality
- Light diffusion transmittance
- Homogeneity
- Angular dependency

Results per category are indicated by digits 1-3 on the cassette, where 1 indicates the best quality. Welding helmets that do not have angle compensation (ADC) receive the result 3 in the angular dependency category.

# Traditional welding helmets with fixed sh

	Albatross 1000 60 x 110 mm	Albatross 1000 90 x 110 mm	Albatross 4000X	
				
Shade level at delivery, DIN	10	10	10	
Shade level alternative, DIN	8, 9, 10, 11, 12, 13	9, 10, 11, 12, 13	9, 10, 11, 12, 13	
Visibility area, BxH, mm	60 x 110	90 x 110	90 x 110	
Weight, g	400	420	580	
<b>Areas of use:</b>				
MIG/MAG	•	•	•	
MMA	•	•	•	
TIG	•	•	•	
Carbon-arc gouging	•	•	•	
Plasma cutting	•	•	•	
Micro plasma welding				
Gas welding and gas cutting				
Approved for grinding <sup>2)</sup>			•	
Page no. in catalogue	26-31	26-31	26-31	
<b>Part no. - overview:</b>				
Welding helmet	0000 595 200	0349 502 204	0700 000 315	
Welding helmet prepared for fresh air	0700 000 352	0700 000 351	0700 000 316	
Welding helmet prepared for hard hat	0000 595 205	0349 502 205	0700 000 317	
Welding helmet hard hat & prepared for fresh air	-	-	0700 000 318	
Protective glass outside plastic	0160 307 001	0160 307 004	0160 307 004	
Dimensions, mm	60 x 110	90 x 110	90 x 110	
Protective glass outside glass	0291 102 701	0760 031 040	0760 031 040	
Dimensions, mm	60 x 110	90 x 110	90 x 110	
Welding glass, DIN 8	0160 292 000	-	-	
Welding glass, DIN 9	0160 292 001	0760 031 631	0760 031 631	
Welding glass, DIN 10	0160 292 002	0760 031 632	0760 031 632	
Welding glass, DIN 11	0160 292 003	0760 031 633	0760 031 633	
Welding glass, DIN 12	0160 292 004	0760 031 634	0760 031 634	
Welding glass, DIN 13	0160 292 005	0760 031 635	0760 031 635	

<sup>1)</sup> The visor is available in shade levels DIN 5, 8 and 10 and UV protection is available as clear and in shade levels DIN 2, 3 and 5. Part no. given on page 36.

Rule of thumb Total shade level = Visor's shade level + UV protection shade level - 1

<sup>2)</sup> CE approved according to EN 166, class B, high speed particles 120 m/s

<sup>3)</sup> Supplied installed in case, 6 x/box

<sup>4)</sup> Supplied uninstalled, 20 x/box

\* Replace head harness with Helmet adapter Universal (0700 001 005), see page 46-47.



# made level - overview



	Globe-Arc DIN 10	Globe-Arc 7 DIN 11	Eco Arc 60 x 110 mm	Eco Arc 90 x 110 mm
				
	10	11	11	11
	5-14 <sup>1)</sup>	5-14 <sup>1)</sup>	8, 9, 10, 11, 12, 13	9, 10, 11, 12, 13
	Flip-up visor	Flip-up visor	60 x 110	90 x 110
	450	450	420	420
	•	•	•	•
	•	•	•	•
	•	•	•	•
	•	•	•	•
	•	•	•	•
	•	•		
	•	•		
	•	•		
	32-34	32-34	35-36	35-36
	0700 000 947	0700 000 943	0700 000 950 <sup>3)</sup> 0700 000 938 <sup>4)</sup>	0700 000 939 <sup>4)</sup>
	0700 000 935	0700 000 936	-	-
	0700 000 947*	0700 000 943*	-	-
	-	-	-	-
	-	-	0160 307 001 60 x 110	0160 307 004 90 x 110
Visor and UV protection 1)	-	-	0291 102 701 60 x 110	0760 031 040 90 x 110
			0160 292 000	-
			0160 292 001	0760 031 631
			0160 292 002	0760 031 632
			0160 292 003	0760 031 633
			0160 292 004	0760 031 634
			0160 292 005	0760 031 635

# Helmets, Masks & Screens

## New-Tech™ ADC Plus

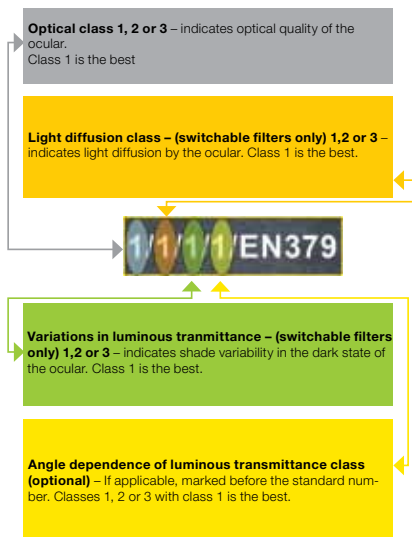
The ADC plus is the second phase technology from the original New-Tech™ ADC range of welding helmets from ESAB, a market-leading supplier of welding related personal protection equipment. As a result of extensive research into typical application and user comfort requirements, the ESAB New-Tech™ ADC Plus cartridge offers new features, which make these new helmets unique.

The new 'Angular Dependence Compensation'

Plus (ADC) ensures that the selected shade covers the full width and height of the LCD screen, whilst the addition of the Plus offers improved colour definition and contrast throughout the cartridge.

- Increased colour definition
- Lighter contrast
- External adjustable shade
- External adjustable sensitivity
- External delay adjustment
- Superb optical quality

1/1/1/1 EN379



**There are 3 helmets in the New-Tech™ ADC Plus range all offering superb performance and the ultimate in operator protection and comfort.**

New-Tech™ 9-13 ADC Plus

New-Tech™ 6-13 ADC Plus

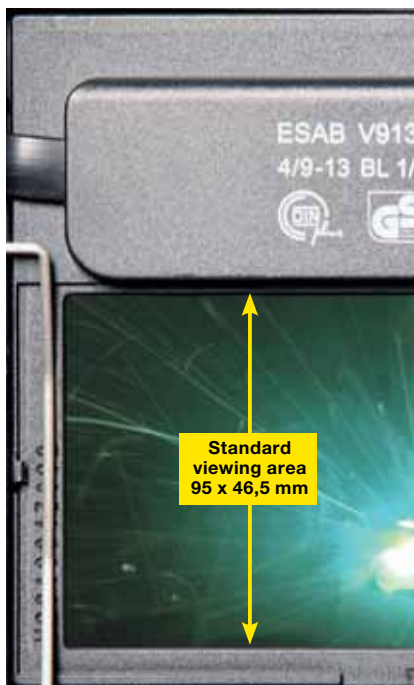
New-Tech™ 6-13 XL ADC Plus



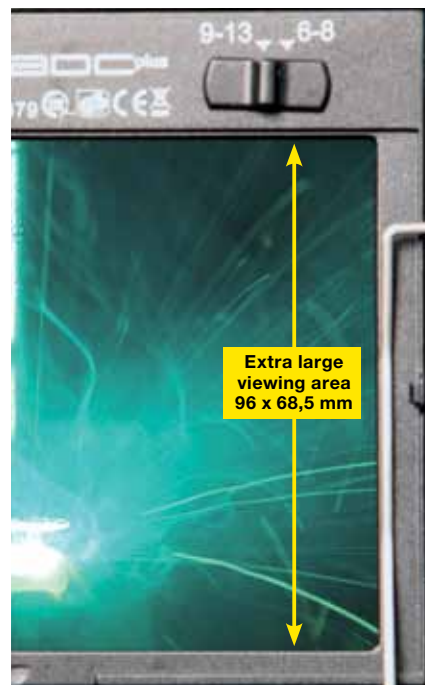
## The New-Tech™ ADC Plus Difference

### XL VIEWING AREA

New-Tech™ 6-13 XL ADC Plus helmet offers an increased cartridge viewing area of 96 x 68.5mm.



STANDARD ADC PLUS SIZE



STANDARD ADC PLUS SIZE

### OPEN STATE

#### ADC Plus Colour Definition

The ADC Plus range offers superior colour definition in both the open and activated state, allowing the welder to better see the LED displays on machines and equipment, whilst also identifying heat definition on the actual weld.



STANDARD NON ADC PLUS CARTRIDGE



ADCPLUS CARTRIDGE

### CLOSED STATE

#### ADC Plus Optical Quality

The ADC Plus cartridge boasts a 1/1/1 optical quality rating, which is the best on the market. This means that an even shade level is seen across the full height and width of the viewing area.

The benefits – an increased shaded area that covers the height and width of the cartridge, whilst reducing bright visible light.



STANDARD NON ADC PLUS CARTRIDGE



ADCPLUS CARTRIDGE

# Helmets, Masks & Screens

Quality and functionality differs between different welding helmets and different manufacturers. To make it easier for the user, the LCD cassette's optical quality is tested according to EN 379. This page explains what the optical quality and other functions mean for the welder.

## Quality of the LCD cassette



The LCD cassette in automatic welding helmets must be CE approved according to EN 379. In conjunction with the approval, the LCD cassette's optical quality is also tested in four different categories:

- Optical quality
- Light diffusion transmittance
- Homogeneity
- Angular dependency

Results per category are indicated by digits 1-3 on the cassette, where 1 indicates the best quality. Welding helmets that do not have angle compensation (ADC) receive the result 3 in the angular dependency category.

## Adjustable sensitivity



At low welding currents (<50 A) high sensitivity is recommended, which makes the LCD cassette's sensors more sensitive. The welding helmet then clears at low light intensity.

If other bright light sources are near the welder, e.g. other welders or strong sunlight, low sensitivity is recommended to prevent the welding helmet reacting to light sources other than the welder's arc.

## Adjustable delay

When welding at high current values the welded goods will glow brightly immediately after welding. The welder then chooses to set a high delay, which means that the welding helmet returns to passive mode after 1 second when the glow has reduced.

When the welder welds with low current values a short delay, 0.1 seconds, is recommended so that the welder can quickly see through the welding helmet.

# Helmets, Masks & Screens



## New-Tech™ 6-13 ADC XL ADC Plus

The New-Tech™ 6-13 XL can be used for almost any application. The shade level can be adjusted from DIN 6 to DIN 13, making this helmet very versatile. All settings are made from the outside of the helmet. The helmet features a grinding mode, where the cartridge can be switched off for grinding, there is also a sensitivity and delay function. The New-Tech™ 6-13 XL is equipped with ADC technology which will ensure a solid shade level even when viewing the lens at an angle, i.e. positional welding. Conforms to EN 175 and EN 379.

New-Tech™ 6-13 XL ADC Plus

0700 000 955



## New-Tech™ 6-13 ADC Plus

The New-Tech™ 6-13 can be used for almost any application. The shade level can be adjusted from DIN 6 to DIN 13, making this helmet very versatile. All settings are made from the outside of the helmet. The helmet features a grinding mode, where the cartridge can be switched off for grinding, there is also a sensitivity and delay function. The New-Tech™ 6-13 is equipped with ADC technology which will ensure a solid shade level even when viewing the lens at an angle, i.e. positional welding. Conforms to EN 175 and EN 379.

New-Tech™ 6-13 ADC Plus

0700 000 956



## New-Tech™ 9-13 ADC Plus

The New-Tech™ 9-13 ADC offers the latest ADC-technology which will ensure a solid shade level even when viewing the lens at an angle, i.e. positional welding. The settings, such as shade level DIN 9 to 13, sensitivity and delay, are made from the outside of the helmet. The New-Tech™ 9-13 is suitable for almost all applications, TIG, MIG/MAG, MMA and gas welding/cutting. Conforms to EN 175 and EN 379.

New-Tech™ 9-13 ADC Plus

0700 000 957



# Helmets, Masks & Screens

## Spares for New-Tech™

1	Helmet Shell Black New-Tech™	0700 000 212
2	Cartridge New-Tech™ 6-13 XL ADC Plus	0700 000 270
2	Cartridge New-Tech™ 6-13 ADC Plus	0700 000 272
2	Cartridge New-Tech™ 9-13 ADC Plus	0700 000 273
3	Adjustment knob kit New-Tech™	0700 000 223
4	Front Cover Lens CR39 New-Tech, pack of 10	0700 000 139
5	Supporting Frame New-Tech™	0700 000 220
6	Metal Locking Spring New-Tech™, pack of 2	0700 000 221
7	Inside Cover Lens New-Tech™ 6-13/9-13 ADC Plus, pack of 10	0700 000 228
7	Inside Cover Lens New-Tech™ 6-13 XL ADC Plus, pack of 10	0700 000 268
8	Sweat Band New-Tech™, pack of 2	0700 000 231
9	Headgear Complete New-Tech™	0700 000 222
10	Sweat band neck protection New-Tech™, pack of 2	0700 000 232
*	Leather chest protector for welding helmet	0700 000 062
*	Leather head and chest protector for welding helmet	0700 000 063

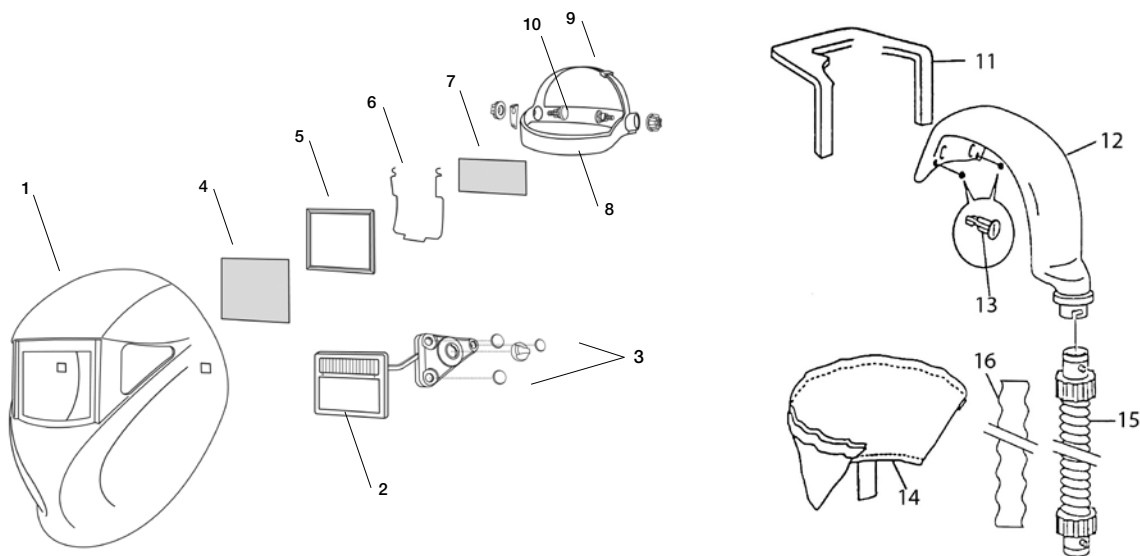
## Spares for New-Tech™ prepared for fresh air

11	Head seal New-Tech™	0700 002 048
12	Air duct New-Tech™	0700 002 050
13	Screw for air duct, 2x/pack	0700 002 028
14	Face seal New-Tech™	0700 002 049
15	Air hose standard (850 mm)	0468 127 011
15	Air hose long (1000 mm)	0700 002 055
15	Air hose Heavy-duty (850 mm)	0700 002 081
16	Hose cover (for air hose)	0349 501 071
*	Conversion kit New-Tech™ (to convert the helmet to a fresh air helmet)	0700 002 047

\* Not shown

Spares for Aristo® Air and Eco Air, see page 52 and 53.

For accessories such as magnifying glass, hard hats etc., see page 43-48.





# Helmets, Masks & Screens



## New-Tech™ - Headgear Complete



### New-Tech™ svetshjälm förberedd för friskluft

All New-Tech™ welding helmets can be used in combination with, Air 160, Air 200 and compressed air units. The helmets are delivered fully assembled, incl. flame resistant head and face seal and air duct. Follow three simple steps to make up your combination: 1. Select the New-Tech™ helmet package that you require. 2. Select the hose kit you require. 3. Select the air unit your require.

New-Tech™ 6-13 XL ADC Plus prepared for fresh air	<b>0700 000 966</b>
New-Tech™ 6-13 ADC Plus prepared for fresh air	<b>0700 000 960</b>
New-Tech™ 9-13 ADC Plus prepared for fresh air	<b>0700 000 963</b>

ESAB Air 160-8H Complete (EU)	0700 002 926
ESAB Air 160-8H Complete (UK)	0700 002 954
Air 200 Complete (EU and UK)	0700 002 999

New-Tech™  
prepared for  
fresh air

+

Air 160/Air  
200

=

Complete welding  
helmet with fresh  
air unit



### New-Tech™ with Hard Hat

By removing the head harness and replacing it with a hard hat adapter (0700 001 005) the New-Tech can be fitted on to ESAB's protective helmet. The combination is very well balanced and comfortable to wear. The New-Tech helmet can be detached and reattached in a second. The specially designed hard hat meets the highest standards and it's equipped with ratchet adjustment. **1.** Select the New-Tech helmet. **2.** Select the hard hat adapter. **3.** Select the hard hat.

New-Tech™ 6-13 XL ADC Plus	<b>0700 000 955</b>
New-Tech™ 6-13 ADC Plus	<b>0700 000 956</b>
New-Tech™ 9-13 ADC Plus	<b>0700 000 957</b>

Helmet adapter Universal Concept	<b>0700 001 005</b>
Hard Hat Concept Yellow	<b>0700 000 052</b>
Hard Hat Concept White	<b>0700 000 135</b>
Hard Hat Concept Blue	<b>0700 000 136</b>
Hard Hat Concept Green	<b>0700 000 137</b>
Hard Hat Concept Red	<b>0700 000 138</b>
Hard Hat Concept Orange	<b>0700 000 142</b>
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>
Hearing protection Universal SNR 29 dB	<b>0700 001 009</b>
Hearing protection Universal with FM-radio SNR 29 dB	<b>0700 001 010</b>



Concept hard hat available  
in six colours!

New-Tech™

+

Helmet adapter  
Universal Concept  
0700 001 005

+

Hard Hat  
Concept

=

Complete welding  
helmet with hard hat

New-Tech™

+

Helmet adapter  
Universal Concept  
0700 001 005

+

Hearing protection or  
Hearing protection  
with radio

+

Hard Hat  
Concept

=

Complete welding  
helmet with hard  
hat and hearing  
protection

# Helmets, Masks & Screens



## New-Tech™ Helmets with Hard Hat & Fresh Air

All New-Tech welding helmets can be used in combination with a hard hat, Air 160, Air 200 and compressed air units. The helmets are delivered fully assembled, incl. hard hat with internal air duct and flame resistant head and face seal. Follow three simple steps to make up your combination:

1. Select the New-Tech helmet package that you require.
2. Select the hose kit you require.
3. Select the air unit your require.

New-Tech™ 6-13 XL ADC Plus prepared for Fresh air + hard hat **0700 000 958**

New-Tech™ 9-13 ADC Plus prepared for Fresh air + hard hat **0700 000 961**

New-Tech™ 9-13 ADC Plus prepared for Fresh air + hard hat **0700 000 964**

ESAB Air 160-8H Complete (EU)

0700 002 926

ESAB Air 160-8H Complete (UK)

0700 002 954

Air 200 Complete (EU and UK)

0700 002 999

## Spares for New-Tech™ with hard hat & prepared for fresh air

Head seal New-Tech™ with hard hat & fresh air **0700 000 093**

Face seal New-Tech™ with hard hat & fresh air **0700 000 094**

Hard hat black New-Tech™ with hard hat & fresh air **0700 000 097**

New-Tech™ with Hard Hat  
& Fresh Air

+

Air 160/Air 200

=

Complete welding  
helmet with hard hat  
and fresh air unit



## New-Tech™ with internal visor prepared for fresh air

All New-Tech™ helmets available in a version with internal clear visor, which is CE approved for grinding (impact resistance class B). When the welding helmet is folded up the welder has an unobstructed field of view through the visor. The combination is also prepared for fresh air with fresh air units or compressed air Air CA. The New-Tech™ helmet is supplied complete with installed internal visor and with flame-proof head and face seal as well as air duct. Air hose and fresh air unit purchased separately.

New-Tech™ 6-13 XL ADC Plus int. visor & prepared for fresh air **0700 000 959**

New-Tech™ 6-13 ADC Plus int. visor & prepared for fresh air **0700 000 962**

New-Tech™ 9-13 ADC Plus int. visor & prepared for fresh air **0700 000 965**

ESAB Air 160-8H Complete (EU)

0700 002 926

ESAB Air 160-8H Complete (UK)

0700 002 954

Air 200 Complete (EU and UK)

0700 002 999

## Spares for New-Tech™ with internal visor & prepared for fresh air

Head seal New-Tech™ internal visor **0700 002 051**

Face seal New-Tech™ internal visor **0700 002 052**

Visor clear New-Tech™ internal visor **0700 002 053**

Protective film New-Tech™ internal visor **0700 002 054**

New-Tech™ internal  
visor prepared for  
fresh air

+

Air 160/Air  
200

=

Complete welding  
helmet with internal  
visor and fresh air unit

# Helmets, Masks & Screens



## Aristo® Tech

The Aristo® Tech helmet has been designed for the professional welder who wants the best in protection and performance. The light weight shell and ergonomically designed headgear offers maximum comfort even when welding for long periods of time. The Aristo® Tech offers the latest in digital lens technology, with internal LCD display, providing the welder full control to adjust shade level, sensitivity and delay settings with precision for any welding application.

### Lens Technology

- Variable 5-13 Digital control for adjustment of shade level, sensitivity and delay
- Optical Class 1/1/1
- Quick Set™ allows an easy change of shade by a simple up and down flick of the switch
- Grind mode activated at lowest sensitivity

### Comfort Head Gear

- Comfortable, lightweight and fully adjustable ratchet style headgear delivers maximum comfort

### Shell

- 3 high gloss colours available – yellow, black & white
- Conforms to:  
CE, ANSI, AS/NZS, CSA



**Helmet weighs only 490g**



**ESABs latest integrated Circuit LENS Technology, offers an internal LCD display with outstanding reliability, suitable for all manual welding processes, including plasma cutting.**

- Digital Display Screen
- Lens Delay Control
- Visible Shade & Sensitivity Settings
- Australien: AS/NZS



**Designed for use with a wide range of welding applications**

# Helmets, Masks & Screens

## FRONT COVER LENS

The Aristo® Tech front cover lens offers the ultimate in Protection. This lens has been coated for increased scratch and heat resistance. Using a specialised injection moulding process, the lens is pre moulded into a convex curve with an optical class 1. This means that the threat of duplicate ghost Arcs visible through the cartridge is eliminated.



## HEAD GEAR

- Robust head gear
- Possibility to move the helmet closer or further away from the face
- Comfortable and replaceable sweat band
- Angled front head band



## Aristo® Tech 5-13 Black

Aristo® Tech 5-13 is an active welding helmet for professional MIG/MAG, TIG and MMA welding from low to high current values incl. plasma cutting and grinding. Advanced settings such as grinding mode (DIN 4), delay and sensitivity. Quick Set™ facilitates adjustment of shade level and sensitivity. Just push the button during ongoing welding to increase/decrease the set value. For greater clarity, the set value is displayed on the cassette's digital display. The helmet shell is delivered ready painted in classic black, tough ESAB yellow or white. High optical class 1/1/1/2. Weight 490 g.

Aristo® Tech 5-13 Black	0700 000 353
Aristo® Tech 5-13 Yellow	0700 000 354
Aristo® Tech 5-13 White	0700 000 355

# Helmets, Masks & Screens



## Spares for Aristo® Tech 5-13

1	Helmet shell Aristo® Tech Yellow .....	0700 000 365
1	Helmet shell Aristo® Tech Black .....	0700 000 366
1	Helmet shell Aristo® Tech White.....	0700 000 367
*	Head gear .....	0700 000 368
*	Sweat band, pack of 2 .....	0700 000 369
2	Front cover lens – Standard Aristo® Tech/Eye-Tech, Warrior Tech™ pack of 10 .....	0700 000 010
2	Front cover lens – Standard Aristo® Tech/Eye-Tech, pack of 10.....	0700 000 370
3	Inside cover lens Aristo® Tech, pack of 5 .....	0700 000 371
4	Cartridge 5-13 assembly .....	0700 000 372
5	Potentiometer Aristo® Tech .....	0700 000 373
6	Magnifying lens +1,0 dioptri .....	0700 000 084
6	Magnifying lens +1,5 dioptri .....	0700 000 085
6	Magnifying lens +2,0 dioptri .....	0700 000 086
6	Magnifying lens +2,5 dioptri .....	0700 000 087

\* Not shown

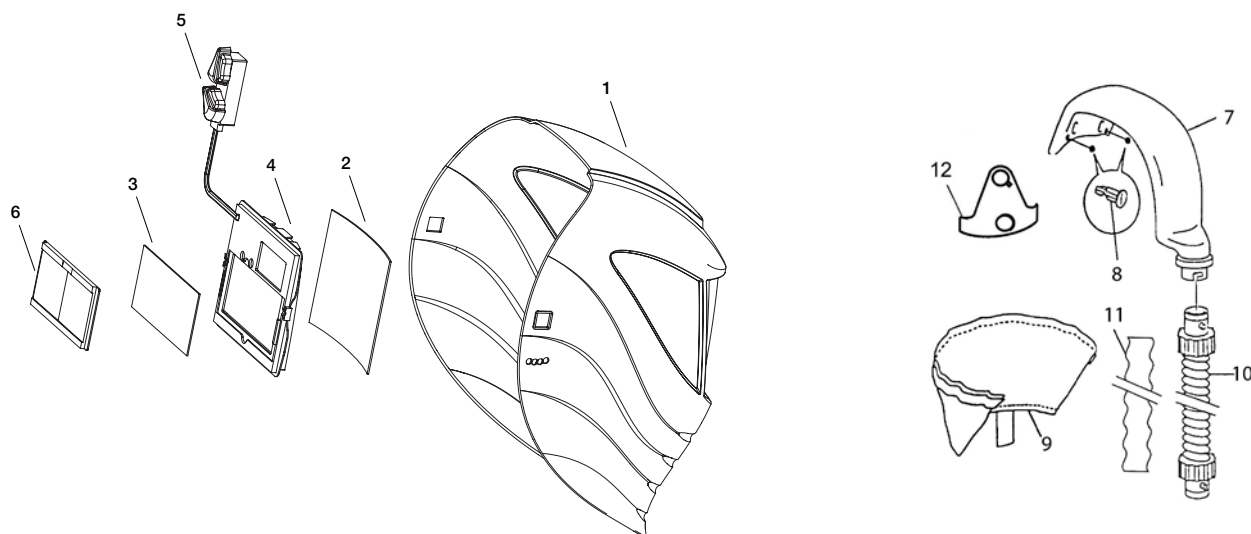
For accessories such as magnifying glass, hard hats etc., see page 43-48.

## Spares for Aristo® Tech 5-13 prepared for fresh air

7	Air duct Aristo-Tech with clips .....	0700 002 002
8	Screw for air duct, 2x/pack .....	0700 002 028
9	Head and face seal Aristo-Tech .....	0700 002 160
10	Air hose standard (850 mm) .....	0468 127 011
10	Air hose long (1000 mm) .....	0700 002 055
10	Air hose Heavy-duty (850 mm) .....	0700 002 081
11	Hose cover (for air hose) .....	0349 501 071
12	Holder air duct.....	0700 002 029

Spares for Aristo® Air and Eco Air, see page 56-55.

For accessories such as magnifying glass, hard hats etc., see page 43-48.





# Helmets, Masks & Screens





# Helmets, Masks & Screens



## Aristo® Tech - Combinations



### Aristo® Tech Helmets Prepared for Fresh Air

The Aristo® Tech helmet can be used in combination with the Aristo® Air PAPR unit and compressed air. The helmets are delivered fully assembled, incl. flame resistant head and face seal and air duct.

Aristo® Tech Black prepared for fresh air	<b>0700 000 356</b>
Aristo® Tech Yellow prepared for fresh air	<b>0700 000 358</b>
Aristo® Tech White prepared for fresh air	<b>0700 000 357</b>
Aristo® Air kit incl. air hose	<b>0700 002 174</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>
Air CA incl. adapter	<b>0349 501 072</b>

Aristo® Tech  
Prepared for  
Fresh Air

+

Aristo® Air /  
Eco Air

=

Complete welding  
helmet with fresh  
air unit



Concept hard hat available in six colours!

### Aristo® Tech with Hard Hat

By removing the head harness and replacing it with a hard hat adapter (0700 000 230) the Aristo® Tech can be fitted on to ESAB's protective helmet. The combination is very well balanced and comfortable to wear. The Aristo® Tech helmet can be detached and reattached in a second. The specially designed hard hat meets the highest standards and it's equipped with ratchet adjustment. Conforms to EN 397.

Aristo® Tech 5-13 Black	<b>0700 000 353</b>
Aristo® Tech 5-13 Yellow	<b>0700 000 354</b>
Aristo® Tech 5-13 White	<b>0700 000 355</b>
Helmet adapter Universal Concept	<b>0700 001 005</b>
Hard Hat Concept Yellow	<b>0700 000 052</b>
Hard Hat Concept White	<b>0700 000 135</b>
Hard Hat Concept Blue	<b>0700 000 136</b>
Hard Hat Concept Green	<b>0700 000 137</b>
Hard Hat Concept Red	<b>0700 000 138</b>
Hard Hat Concept Orange	<b>0700 000 142</b>
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>
Hearing protection Universal SNR 29 dB	<b>0700 001 009</b>
Hearing protection Universal with FM-radio SNR 29 dB	<b>0700 001 010</b>

Aristo® Tech

+

Helmet adapter  
Universal Concept  
0700 001 005

+

Hard Hat  
Concept

=

Complete welding  
helmet with hard hat

New-Tech™

+

Helmet adapter  
Universal Concept  
0700 001 005

+

Hearing protection or  
Hearing protection  
with radio

+

Hard Hat  
Concept

=

Complete welding  
helmet with hard  
hat and hearing  
protection

# Helmets, Masks & Screens



## Aristo® Tech Helmets with Hard Hat Prepared for Fresh Air

All Aristo® Tech welding helmets can be used in combination with a hard hat (only black available) and Aristo® Air PAPP units. The helmets are delivered fully assembled, incl. hard hat with internal air duct and flame resistant head and face seal.

Aristo® Tech Black with hard hat prepared for fresh air	<b>0700 000 362</b>
Aristo® Tech Yellow with hard hat prepared for fresh air	<b>0700 000 364</b>
Aristo® Tech White with hard hat prepared for fresh air	<b>0700 000 363</b>

Aristo® Air kit incl. air hose	<b>0700 002 174</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>
Air CA incl. adapter	<b>0349 501 072</b>

## Spares for Aristo® Tech with hard hat & prepared for fresh air

Head seal Aristo® Tech with hard hat& fresh air	<b>0700 002 170</b>
Face seal Aristo® Tech with hard hat& fresh air	<b>0700 002 171</b>
Hard hat black Aristo® Tech with hard hat& fresh air	<b>0700 002 172</b>

Aristo® Tech  
with Hard Hat  
Prepared for  
Fresh Air

+

Aristo® Air /  
Eco Air

=

Complete welding  
helmet with hard hat  
and fresh air unit



## Aristo® Tech with Internal Visor

The Aristo® Tech with internal visor is delivered with an air fed grade B impact protection grinding visor complete with a face and head seal. The grinding visor can be fitted in any of the standard Aristo® Tech helmets and can be combined with the Aristo® Air PAPP unit. This would be the ideal system for all applications involved in welding fabrication. One head system for welding and grinding.

Aristo® Tech Black with internal visor	<b>0700 000 359</b>
Aristo® Tech White with internal visor	<b>0700 000 360</b>
Aristo® Tech Yellow with internal visor	<b>0700 000 361</b>

Aristo® Air kit incl. air hose	<b>0700 002 174</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>
Air CA incl. adapter	<b>0349 501 072</b>

## Spares for Aristo® Tech with internal visor & prepared for fresh air

Head and face seal Aristo® Tech internal visor	<b>0700 002 167</b>
Visor clear Aristo® Tech internal visor	<b>0700 002 169</b>
Protective film Aristo® Tech internal visor	<b>0700 002 054</b>

Aristo® Tech internal  
visor prepared for  
fresh air

+

Aristo® Air /  
Eco Air / CA

=

Complete welding  
helmet with internal  
visor and fresh air unit

# Helmets, Masks & Screens



## Eye-Tech™ Family

Eye-Tech™ welding helmets with automatically dimming cassette were launched in 1993 and have become the choice for professional welders throughout the world. When developing our Aristo® Tech welding helmet, we chose to start from our Eye-Tech™ classical design with a rippled front, low weight combined with optimum protection against weld spatter. The optical quality has been further improved. The end result can be seen below, Aristo® Tech 5-13.

ESAB's new welding helmet is the result of the classical lines of Eye-Tech™ and the latest technology for automatically dimming LCD cassettes. In addition, for a considerably lower price compared to Eye-Tech™. For ease, we chose to retain the popular convex outer protective glass (0700 000 010), which was used for Eye-Tech™.



Replaced by



# Helmets, Masks & Screens

## Spares for Eye-Tech™

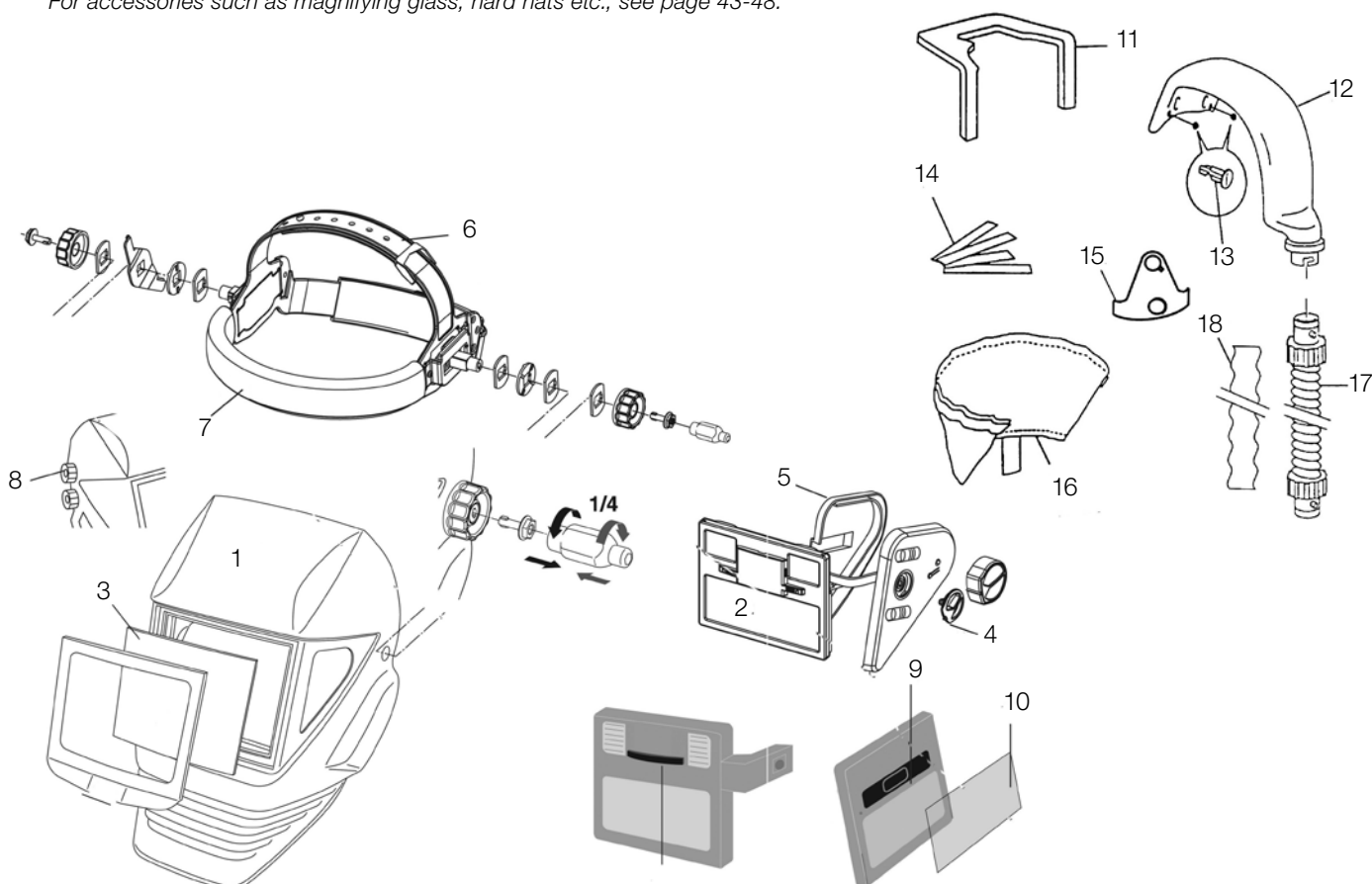
1	Helmet shell Eye-Tech™ 5-13 silver (supplied complete with positions 3, 4, 9 and 10).....	0700 000 034
2	Cartridge Eye-Tech™ 5-13 (supplied complete with positions 6, 7 and 8) .....	0700 000 035
3	Front cover lens Eye-Tech™, pack of 10.....	0700 000 010
4	Sensitivity knob Eye-Tech™.....	0700 000 038
5	Satellite cover plate Eye-Tech™ 5-13.....	0700 000 039
6	Head gear Eye-Tech™.....	0700 000 003
7	Sweatband Eye-Tech™, pack of 2.....	0700 000 005
8	Excenterratt Eye-Tech™.....	0700 000 009
9	Cartridge Eye-Tech™ 9-13.....	0700 000 001
9	Cartridge Eye-Tech™ 10/11.....	0700 000 028
10	Inside cover lens Eye-Tech™.....	0700 000 011
*	Fresh air mounting kit Eye-Tech™ (to convert the helmet to a fresh air helmet).....	0700 002 030

\* Not shown

## Spares for Eye-Tech™ Prepared for Fresh Air

11	Head seal Eye-Tech™.....	0700 002 012
12	Air duct Eye-Tech™.....	0700 002 002
13	Screw for air duct, 2x/pack.....	0700 002 028
14	Velcro kit for Eye-Tech™.....	0700 002 015
15	Holder air duct.....	0700 002 029
16	Face seal Eye-Tech™.....	0700 002 019
17	Air hose standard (850 mm) .....	0468 127 011
17	Air hose long (1000 mm) .....	0700 002 055
17	Air hose Heavy-duty (850 mm) .....	0700 002 081
18	Hose cover (for air hose).....	0349 501 071

For accessories such as magnifying glass, hard hats etc., see page 43-48.



# Helmets, Masks & Screens



## Origo™ Tech welding helmets have been replaced by Warrior™ Tech

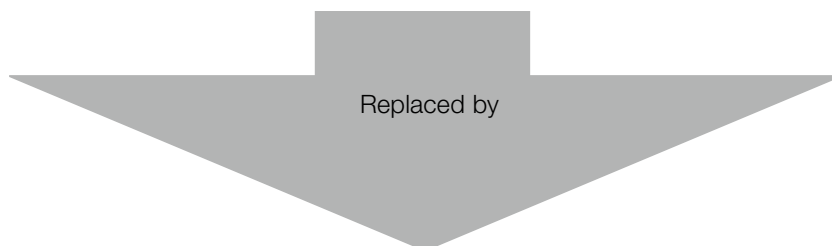
Origo™ Tech welding helmets with automatically dimming cassette were launched in 2009 and immediately became a sales success thanks to the attractive pricing and excellent optical quality. This has resulted in Origo™ Tech being ESAB's best selling welding helmet in all categories! To further enhance our product range, we have developed a cutting-edge replacement, which we call Warrior™ Tech.

New Warrior™ Tech welding helmets retain all the characteristics of Origo™ Tech. However, we have improved the optical quality, increased the field of view to give the welder a better field of vision and reduced the weight to further improve the ergonomics. And also for a lower price!



Origo™ Tech 9-13 Black  
0700 000 296

Origo™ Tech 9-13 Yellow  
0700 000 298



Replaced by



Warrior™ Tech 9-13 Black  
0700 000 400

Warrior™ Tech 9-13 Yellow  
0700 000 401



# Helmets, Masks & Screens

## WARRIOR™ Tech welding helmets

Warrior™ Tech 9-13 is a new welding helmet with automatically dimming cassette. Lightweight, ergonomic welding helmet, only 520 g, which reduces load on the neck and throat.

The robust head harness holds the welding helmet in place in all the different welding positions. The head harness can be adjusted for a perfect fit, which makes the Warrior™ Tech helmet well-balanced. The large adjustment knob makes it easy to set the correct head size. The sweat band contributes to increased comfort.

The helmet shell is made of high strength polyamide. To get the best finish the helmet shell is painted in clear varnish in classic black or tough ESAB yellow.

The Warrior™ Tech helmets have a built-in battery, which is charged by solar cells. This means that the battery charges automatically and it need not be replaced. Integrated energy saving function.



- Variable shade level DIN 9-13
- High optical class 1/2/1/2 according to EN 379
- Large field of view 98 x 48 mm
- Lightweight - only 520 g
- 4 sensors ensure correct read off
- Robust head harness - easy to adjust
- Ergonomic sweat band - increased comfort
- Variable sensitivity with internal knob
- Variable delay with internal knob
- Magnifying glass available as an accessory



### Warrior™ Tech 9-13

Warrior™ Tech 9-13 is an automatically dimming welding helmet for MIG/MAG, MMA and TIG welding (>20 Amp) with infinitely variable shade levels from DIN 9-13. The external adjustment knob makes it easy for the welder to adjust the shade level. Sensitivity and delay can be adjusted according to requirements. The Warrior™ Tech 9-13 helmet is available in two colours; classic black or tough ESAB yellow. Lightweight, only 520g. Built-in battery charged by solar cells. The welding helmet is recommended for MIG/MAG, TIG and MMA welding (>20 Amp). High optical quality 1-2-1-2. CE approved according to both EN 379 and EN 175.

Warrior™ Tech 9-13, black  
Warrior™ Tech 9-13, yellow

**0700 000 400**  
**0700 000 401**



# Helmets, Masks & Screens



## WARRIOR™ Tech - CE approved helmet combinations



### Warrior™ Tech 9-13 prepared for fresh air

All Warrior™ Tech helmets are prepared for fresh air with the fresh air units Aristo® Air and Eco Air. Warrior™ Tech helmets prepared for fresh air supplied fully fitted with flame-proof head and face seal and air duct. Lightweight and the best possible protection for the discerning welder. Fresh air unit purchased separately.

Warrior™ Tech 9-13 black prepared for fresh air	<b>0700 000 405</b>
Warrior™ Tech 9-13 yellow prepared for fresh air	<b>0700 000 406</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>
Aristo® Air kit incl. air hose	<b>0700 002 174</b>

Warrior™ Tech prepared for fresh air 0700 000 300 0700 000 301	+	Eco Air incl. air hose 0700 002 175	=	Complete welding helmet with fresh air unit
Warrior™ Tech prepared for fresh air 0700 000 300 0700 000 301	+	Aristo® Air incl. air hose 0700 002 174	=	Complete welding helmet with fresh air unit

### Warrior™ Tech 9-13 with hard hat



Warrior™ Tech offers the welder the unique possibility of removing the hard hat with one hand movement. This means optimum safety and the best ergonomics for the welder - the helmet is used when required, while the neck is not put under strain unnecessarily. The welding helmet's usual head harness is replaced with the unique helmet adapter (0700 001 005), which secures the hard hat in place. The hard hat is made of ABS and only weighs 300 g. Available in six different colours. Supplied with sweat band. CE approved according to EN 397. Helmet mounted hearing protection available as an option.

Warrior™ Tech 9-13 black	<b>0700 000 400</b>
Warrior™ Tech 9-13 yellow	<b>0700 000 401</b>
Helmet adapter Universal Concept	<b>0700 001 005</b>

Hard hat Concept yellow	<b>0700 000 052</b>
Hard hat Concept white	<b>0700 000 135</b>
Hard hat Concept blue	<b>0700 000 136</b>
Hard hat Concept green	<b>0700 000 137</b>
Hard hat Concept red	<b>0700 000 138</b>
Hard hat Concept orange	<b>0700 000 142</b>
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>
Hearing protection Universal SNR 29 dB	<b>0700 001 009</b>
Hearing protection Universal with FM-radio SNR 29 dB	<b>0700 001 010</b>

Warrior™ Tech	+	Helmet adapter Universal Concept 0700 001 005	+	Hard hat Concept	=	Complete welding helmet with hard hat		
Warrior™ Tech	+	Helmet adapter Universal Concept 0700 001 005	+	Hearing protection or Hearing protection with radio	+	Hard hat Concept	=	Complete welding helmet with hard hat and hearing protection

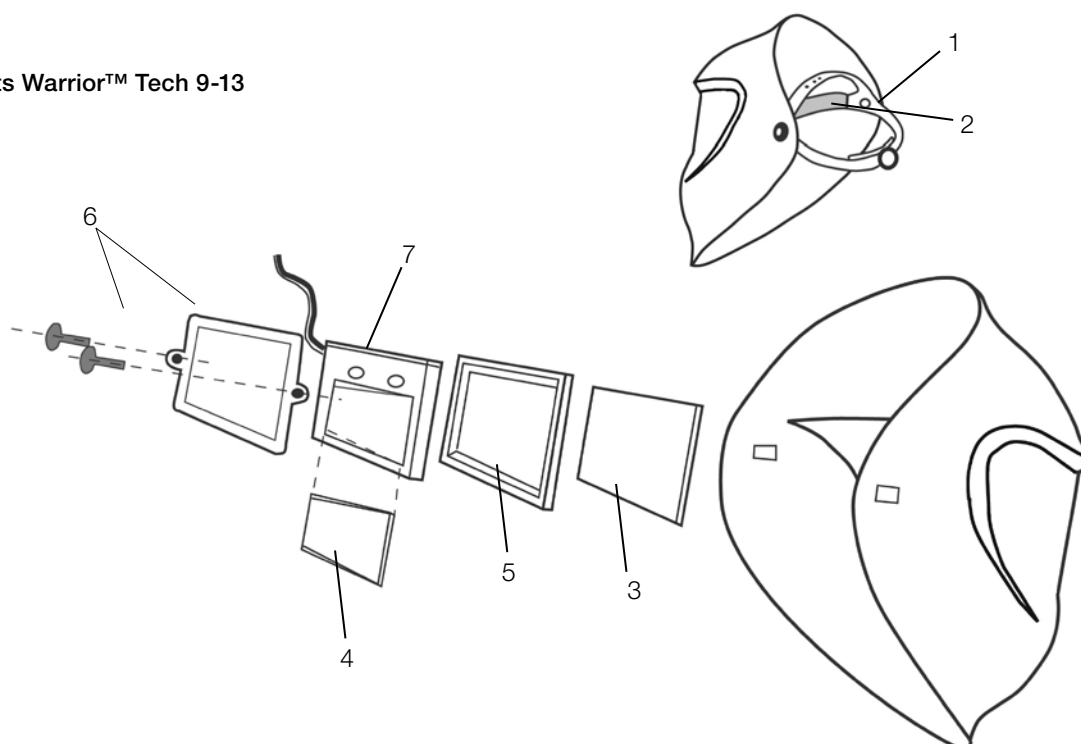
# Helmets, Masks & Screens

## Spares for Warrior™ Tech 9-13

1	Head harness .....	0700 000 415
2	Sweat band, pack of 2 .....	0700 000 244
3	Protective glass outside, pack of 10 .....	0700 000 010
4	Protective glass inside .....	0700 000 416
5	Mounting frame cassette .....	0700 000 418
6	Cassette holder incl. screws .....	0700 000 419
7	Cassette Warrior™ Tech 9-13 .....	<b>Not sold separately</b>

For accessories such as magnifying glass, hard hats etc., see page 43-48.

## Spare parts Warrior™ Tech 9-13



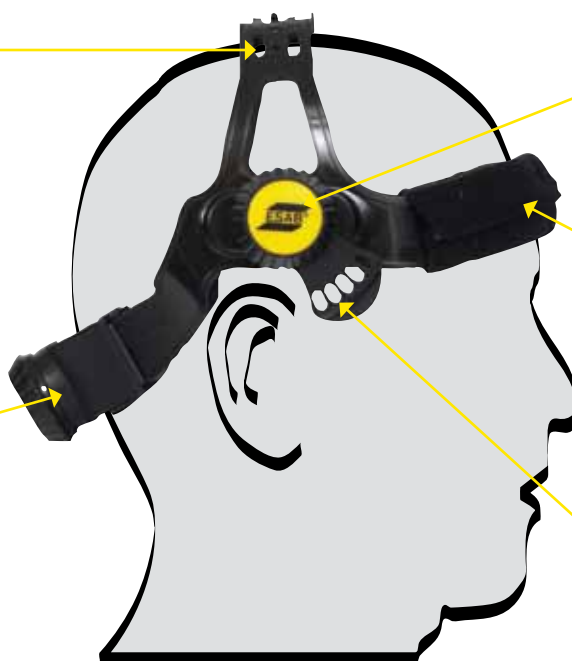
**ADJUSTABLE**  
To extend from  
6 ½" up to 9"

**LONGITUDINAL  
ADJUSTMENT**  
3 longitudinal  
adjustments to  
increase field of  
vision

**ENHANCED  
COMFORT**  
Angled front pad  
sits flat on  
forehead, reducing  
frontal lobe  
pressure

**ADJUSTABLE PUSH  
RACHET**  
For better fit and  
comfort

**5 POINT RAKE**  
Adjusting the position  
of helmet to 5  
different angles



# Helmets, Masks & Screens



## Origo™ Tech 9-13 Prepared for Fresh Air

All Origo™ Tech helmets are prepared for fresh air with the Eco Air fresh air unit. Warrior™ Tech helmets prepared for fresh air supplied fully fitted with flame-proof head and face seal and air duct. Lightweight and the best possible protection for the discerning welder. Fresh air unit purchased separately.

Origo™ Tech 9-13 black prepared for fresh air	<b>0700 000 300</b>
Origo™ Tech 9-13 yellow prepared for fresh air	<b>0700 000 301</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>
Adapter Air air hose	<b>0700 002 176</b>

Origo™ Tech prepared  
for fresh air  
0700 000 300  
0700 000 301

+

Eco Air incl. air  
hose  
0700 002 175

+

Adapter Air air  
hose  
0700 002 176

=

Complete welding  
helmet with fresh  
air unit

## Spares for Origo™ Tech 9-13

1	ESAB Head Gear Pro .....	<b>0700 000 243</b>
2	Sweat Band Head Gear Pro, pack of 2 .....	<b>0700 000 244</b>
3	Front Cover Lens Origo™ Tech, pack of 10 .....	<b>0700 000 245</b>
4	Inside Cover Lens Origo™ Tech, pack of 10.....	<b>0700 000 246</b>
5	ESAB 9-13 ADF Cradle.....	<b>0700 000 235</b>
6	Lens Retainer with Screws.....	<b>0700 000 237</b>
7	Cartridge Origo™ Tech 9-13.....	<b>Not sold separately</b>

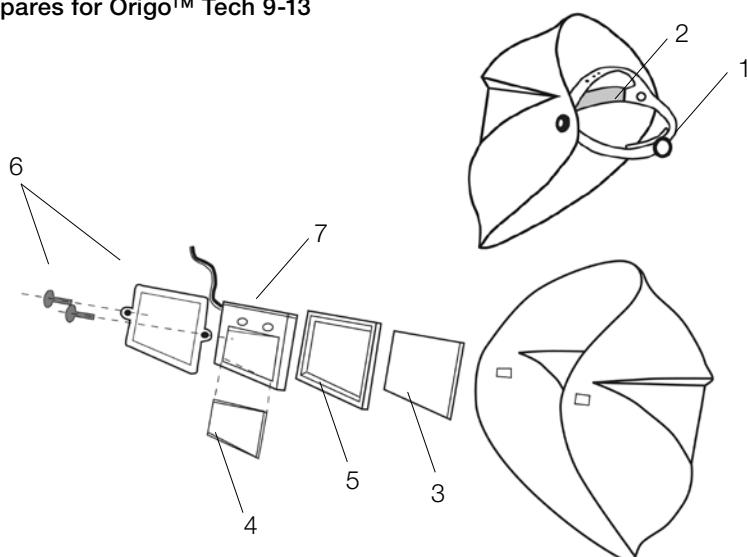
For accessories such as magnifying glass, hard hats etc., see page 43-48.

## Spares for Origo™ Tech Prepared for Fresh Air

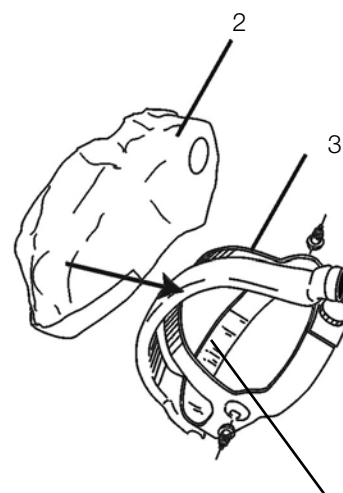
1	Sweat band ESAB Pro prepared for fresh air, pack of 2.....	<b>0700 000 274</b>
2	Head and face seal .....	<b>0700 002 101</b>
3	Air duct incl. head harness ESAB Pro .....	<b>0700 002 102</b>

Spares for Eco Air, see page 51.

### Spares for Origo™ Tech 9-13



### Spares for Origo™ Tech 9-13 Prepared for Fresh Air



# Helmets, Masks & Screens

## Albatross welding helmets

The Albatross range consists of several types of lightweight welding helmets with flip-up visor.

Newly introduced to the range, Albatross 4000X 9-13 also has an automatically dimmed cassette. Albatross welding helmets have maximum flexibility and can be combined with hard hats, hearing protection and fresh air units.

The helmet shell is made of extremely lightweight and resistant material, giving a long service life and excellent comfort. The ESAB Pro head harness is very easy to adjust for a perfect fit.



### Albatross 1000

Albatross 1000 has a flip-up visor for the welding glass, 60 x 110mm or 90x110mm. The large clear plastic lens protects the face when the visor is flipped up. Welding glass DIN 10 and protective glass included at delivery. Weight 400 g (60x110) resp 420 g (90x110). CE approved according to EN 175.

Albatross 1000 60 x 110 standard

**0000 595 200**

Albatross 1000 90 x 110 standard

**0349 502 204**



### Albatross 4000X

Albatross 4000X is a combined welding and grinding helmet 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. Welding glass DIN 10 and protective glass included at delivery. Weight 580 g. CE approved according to EN 175 and EN 166, class B.

Albatross 4000X standard

**0700 000 315**



### Albatross 4000X 9-13

Albatross 4000X 9-13 is a combined welding and grinding helmet with automatically dimming cassette, 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. Weight 615 g. CE approved according to EN 379, EN 175 and EN 166, class B.

Albatross 4000X 9-13 standard

**0700 000 319**

# Helmets, Masks & Screens



## Albatross 4000X 9-13

Technical data:

Field of view size W x H .....	95 x 40 mm
Shade level.....	DIN 9-13 (stepless)
Shade level not activated .....	DIN 4
Shade level, adjusting .....	Knob on the cassette inside the helmet
Sensitivity, adjusting .....	Knob on the cassette inside the helmet
Delay, adjusting .....	Knob on the cassette inside the helmet
Reaction time at -5°C .....	0.8 ms
Reaction time at +25°C .....	0.5 ms
Reaction time at +55°C .....	0.2 ms
Delay interval .....	0.1 – 1.0 s
UV / IR protection .....	UV15 / IR14
Operating temperature .....	-5°C to +55°C
Area of use .....	MIG/MAG and MMA welding
TIG welding .....	> 20 Amp
Energy supply .....	Built-in battery in the cassette charged by solar cells.
CE approved according to .....	EN 379 (1-3-1-2) and EN 175, EN 166, class B.

## Albatross - CE approved helmet combinations



### Albatross welding helmets prepared for fresh air

All Albatross helmets are prepared for fresh air with the Eco Air fresh air unit. Albatross helmets prepared for fresh air supplied fully fitted with flame-proof head and face seal and air duct. Lightweight (610, 630, 780 resp 880 g) and the best possible protection for the professional welder. Adapter and fresh air unit purchased separately.

Albatross 1000 60 x 110 prepared for fresh air	<b>0700 000 352</b>
Albatross 1000 90 x 110 prepared for fresh air	<b>0700 000 351</b>
Albatross 4000X prepared for fresh air	<b>0700 000 316</b>
Albatross 4000X 9-13 prepared for fresh air	<b>0700 000 320</b>

Adapter Air air hose	<b>0700 002 176</b>
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Eco Air IQ kit incl. air hose	<b>0700 002 175</b>
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Albatross prepared for fresh air 0700 000 352 0700 000 351 0700 000 316 0700 000 320	+	Adapter Air air hose 0700 002 176	+	Eco Air incl. air hose 0700 002 175	=	Complete welding helmet with fresh air unit
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# Helmets, Masks & Screens

## Albatross welding helmets prepared for hard hat and fresh air

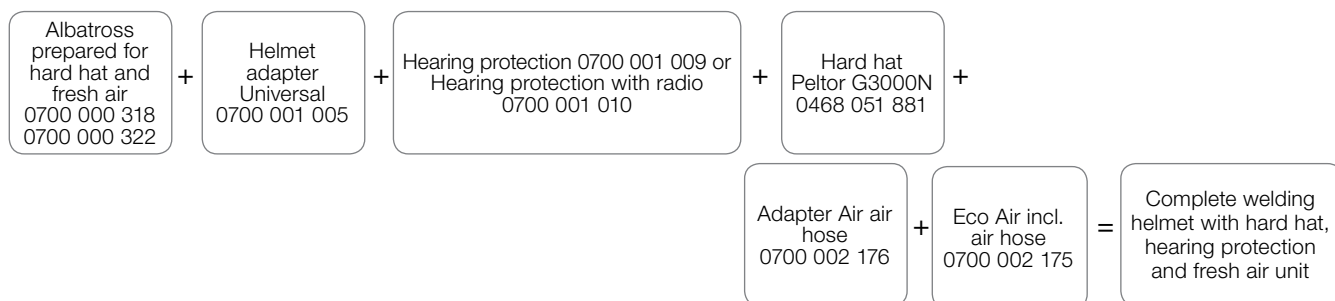


Concept hard hat  
available in six colours!

Albatross 4000X helmets are prepared for fixed mounting of Peltor G3000N hard hats together with Eco Air fresh air unit. Fresh air is supplied from both sides of the helmet. Lightweight (560 resp 660 g). The yellow Peltor G3000N hard hats are made of UV stabilised ABS and only weigh 340 g.

Albatross 4000X prepared for hard hat& fresh air *)	<b>0700 000 318</b>
Albatross 4000X 9-13 prepared for hard hat & fresh air*)	<b>0700 000 322</b>
Helmet adapter Universal Concept/Peltor G3000N	<b>0700 001 005</b>
Hearing protection SNR 29 dB	<b>0700 001 009</b>
Hearing protection with FM-radio SNR 29 dB	<b>0700 001 010</b>
Hard hat Peltor G3000N	<b>0468 051 881</b>
Hard hat Concept yellow	<b>0700 000 052</b>
Hard hat Concept white	<b>0700 000 135</b>
Hard hat Concept blue	<b>0700 000 136</b>
Hard hat Concept green	<b>0700 000 137</b>
Hard hat Concept red	<b>0700 000 138</b>
Hard hat Concept orange	<b>0700 000 142</b>
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>
Adapter Air air hose	<b>0700 002 176</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>

\*) hard hat ordered separately





# Helmets, Masks & Screens



## Albatross welding helmets prepared for hard hat



All Albatross helmets are prepared for fixed mounting of Concept and Peltor G3000N hard hats. Lightweight (360, 380, 500 resp 600 g). The yellow Peltor G3000N hard hats are made of UV stabilised ABS and only weigh 340 g. Mounting for easy installation of hearing protection. Supplied with sweat band. CE approved according to EN 397.

Albatross 1000 60 x 110 prepared for hard hat *)	<b>0000 595 205</b>
Albatross 1000 90 x 110 prepared for hard hat *)	<b>0349 502 205</b>
Albatross 4000X prepared for hard hat *)	<b>0700 000 317</b>
Albatross 4000X 9-13 prepared for hard hat *)	<b>0700 000 321</b>

Helmet adapter Universal Concept/Peltor G3000N	<b>0700 001 005</b>
--	---------------------

Hard hat Peltor G3000N	<b>0468 051 881</b>
Hard hat Concept yellow	<b>0700 000 052</b>
Hard hat Concept white	<b>0700 000 135</b>
Hard hat Concept blue	<b>0700 000 136</b>
Hard hat Concept green	<b>0700 000 137</b>
Hard hat Concept red	<b>0700 000 138</b>
Hard hat Concept orange	<b>0700 000 142</b>
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>
Hearing protection Universal SNR 29 dB	<b>0700 001 009</b>
Hearing protection Universal with FM-radio SNR 29 dB	<b>0700 001 010</b>



Concept hard hat  
available in six colours!

\*) hard hat ordered separately

Albatross 0000 595 205 0349 502 205 0700 000 317 0700 000 321	+	Helmet adapter Universal 0700 001 005	+	Hard hat Peltor G3000N or Concept	=	Complete with hard hat		
Albatross 0000 595 205 0349 502 205 0700 000 317 0700 000 321	+	Helmet adapter Universal 0700 001 005	+	Hearing protection or Hearing protection with radio	+	Hard hat Peltor G3000N or Concept	=	Complete with hard hat and hearing protection

# Helmets, Masks & Screens

## Spares for Albatross 1000, 4000X and 4000X 9-13 standard / prepared for hard hat / prepared for fresh air

1	Flip-up visor 60 x 110 .....	0000 595 152
1	Flip-up visor 90 x 110 .....	0349 501 084
2	Safety glass 60 x 110 plastic transparent, pack of 100.....	0160 307 001
2	Safety glass 90 x 110 plastic transparent, pack of 100.....	0160 307 004
3	Springs 60 x 110, pack of 5.....	0000 595 153
3	Springs 90 x 110, pack of 5.....	0000 595 383
4	Head harness ESAB Pro .....	0700 000 243
5	Hose sleeve for air hose Eco Air/CA .....	0349 501 071
5	Hose sleeve for air hose Origo™ Air .....	0700 002 104
6	Head and face seal .....	0700 000 951
7	Welding glass 60 x 110, DIN 10, pack of 25 .....	0160 292 002
7	Welding glass 90 x 110 80g, DIN 10, pack of 25 .....	0760 031 632
8	Air duct incl. head harness ESAB Pro .....	0700 002 102
9	Adapter Eco Air/CA air hose .....	0700 002 176
10	Sweat band ESAB Pro, pack of 2.....	0700 000 244
11	Sweat band ESAB Pro prepared for fresh air, pack of 2.....	0700 000 274
12	Air hose Origo™ Air (850 mm).....	0700 002 103
12	Air hose Eco Air/CA standard (850 mm) .....	0468 127 011
12	Air hose Eco Air/CA standard (1000 mm) .....	0700 002 055
12	Air hose Eco Air/CA heavy-duty (850 mm).....	0700 002 081
13	UV protection transparent .....	0700 000 238
14	Safety glass 107 x 88 transparent outside, pack of 10.....	0700 000 277
15	Visor holder .....	0700 000 347
16	Screw set visor holder .....	0700 000 048
17	Holder for welding glass 90 x 110 incl. screws .....	0700 000 380
18	Mounting frame .....	0700 000 235
19	Cassette Albatross 4000X 9-13 .....	0700 000 261
20	Head and face seal Albatross 4000X prepared for hard hat and fresh air .....	0700 000 233
21	Air hose (left and right) incl. adapter for Origo Air .....	0700 002 089
22	Safety glass inside 51 x 108 Albatross 4000X 9-13, pack of 10 .....	0700 000 228
23	Holder for Albatross 4000X cassette, incl. screws.....	0700 000 237
*	Auto-Shade DIN 10, 60x110, incl. protective glass DIN 2 .....	0700 000 029

For accessories such as magnifying glass, hard hats etc., see page 43-48.

Spares for Eco Air, see page 51.

### Albatross 1000



Standard Hard hat Fresh air unit

### Albatross 4000X and 4000X 9-13



Standard Hard hat Fresh air unit

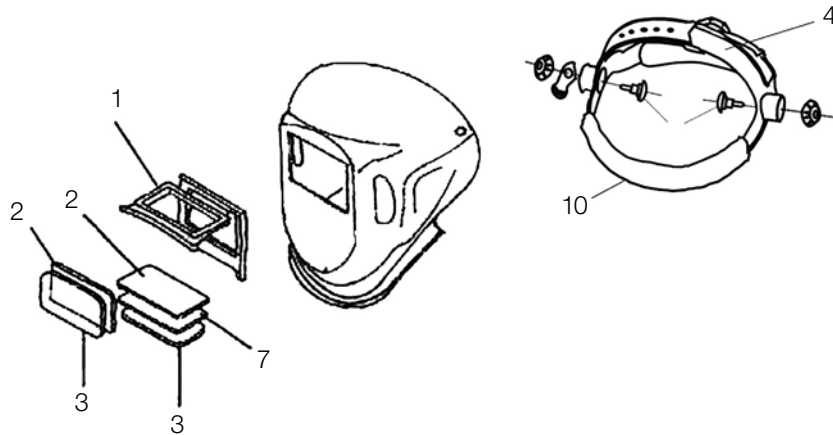
### Albatross 4000X and 4000X 9-13 hard hat&fresh air unit



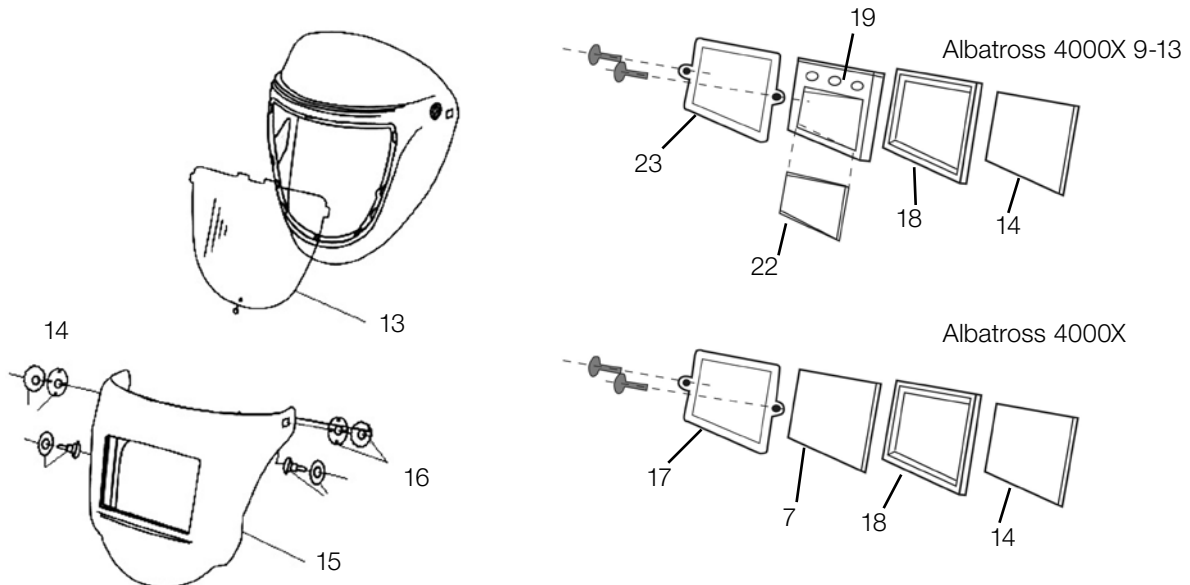
# Helmets, Masks & Screens



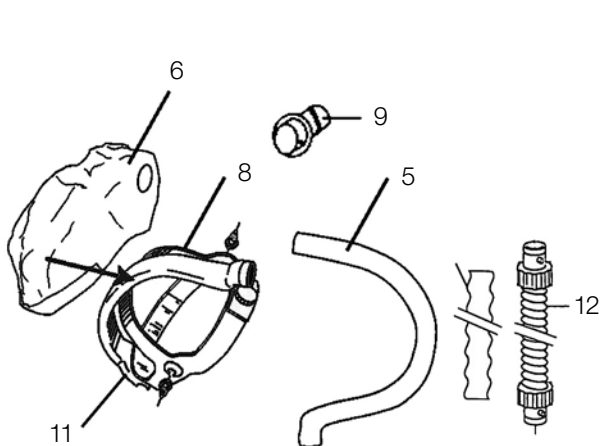
## Spares for Albatross 1000 standard /hard hat/ fresh air unit



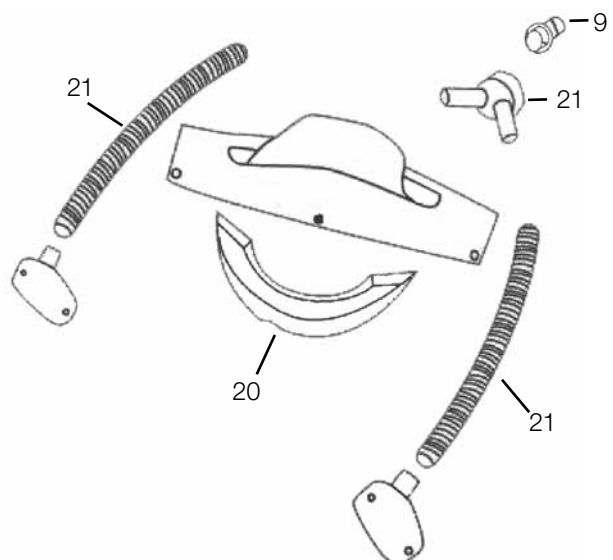
## Spares for Albatross 4000X/4000X 9-13 standard /hard hat/ fresh air unit



## Unique spare parts for Albatross 1000, 4000X and 4000X 9-13 prepared for fresh air



## Unique spare parts for Albatross 4000X and 4000X 9-13 prepared for hard hat&fresh air



# Helmets, Masks & Screens

## Globe-Arc welding and grinding helmet

The Globe-Arc helmet has been designed to provide the ideal protection for all kinds of metal working. The inner lens in combination with the outer lens provide full protection against IR, UV and visible light making it suitable for welding. The inner lenses are available in a number of different shades; DIN 2, DIN 3 and DIN 5. The helmet can therefore also be used for grinding, gas cutting, gas welding and plasma cutting.





# Helmets, Masks & Screens



## Globe-Arc welding and grinding helmet

The Globe-Arc 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.

Globe-Arc Shade 10  
Globe-Arc Shade 11

**0700 000 947**  
**0700 000 943**



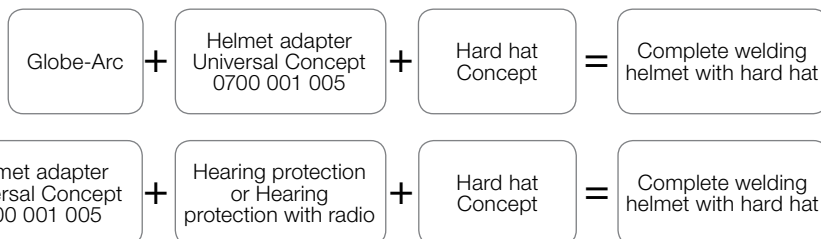
## Globe-Arc welding and grinding helmet with hard hat

Globe-Arc offers the welder the unique possibility of removing the hard hat with one hand movement. This means optimum safety and the best ergonomics for the welder - the helmet is used when required, while the neck is not put under strain unnecessarily. The welding helmet's usual head harness is replaced with the unique helmet adapter, which secures the hard hat in place. The hard hat is made of ABS and only weighs 300 g. Available in six different colours. Supplied with sweat band. CE approved according to EN 397.

Globe-Arc DIN 10 (2+8)	<b>0700 000 947</b>
Globe-Arc DIN 11 (2+10)	<b>0700 000 943</b>
Helmet adapter Universal Concept	<b>0700 001 005</b>
Hard hat Concept yellow	<b>0700 000 052</b>
Hard hat Concept white	<b>0700 000 135</b>
Hard hat Concept blue	<b>0700 000 136</b>
Hard hat Concept green	<b>0700 000 137</b>
Hard hat Concept red	<b>0700 000 138</b>
Hard hat Concept orange	<b>0700 000 142</b>
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>
Hearing protection Universal SNR 29 dB	<b>0700 001 009</b>
Hearing protection Universal with FM-radio SNR 29 dB	<b>0700 001 010</b>



Concept hard hat available  
in six colours!





# Helmets, Masks & Screens



## Globe-Arc welding and grinding helmet prepared for fresh air

Globe-Arc prepared for fresh air are adapted for the Eco Air fresh air unit. Welding helmets are supplied fully assembled with flame-proof head and face seal and air duct. CE approved.

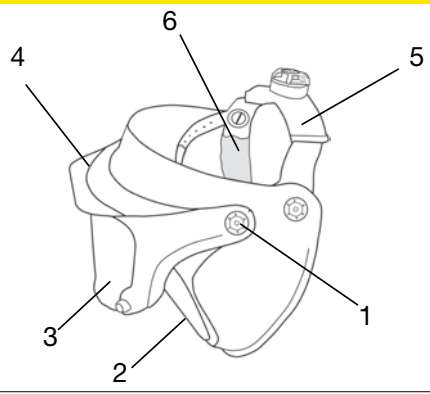
Globe-Arc DIN 10 prepared for fresh air	0700 000 935
Globe-Arc DIN 11 prepared for fresh air	0700 000 936
Origo Air	0700 002 100

Adapter Air air hose	0700 002 176
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Globe-Arc prepared for fresh air 0700 000 935 0700 000 936	+	Origo Air 0700 002 100	+	Adapter Air air hose 0700 002 176	=	Complete welding helmet with fresh air unit
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## Spares for Globe-Arc

- 1 Hinge Set
- 2 UV protection transparent
- 2 Large Inner Visor DIN 2
- 2 Large Inner Visor DIN 3
- 2 Large Inner Visor DIN 5
- 3 Outer Flip Visor DIN 5
- 3 Outer Flip Visor DIN 8
- 3 Outer Flip Visor DIN 10
- 4 Flip Up Holder
- 5 Headgear ESAB Pro
- 6 Sweat Band ESAB Pro, pack of 2



- 0700 000 267
- 0700 000 238
- 0700 000 239
- 0700 000 240
- 0700 000 241
- 0700 000 242
- 0700 000 247
- 0700 000 248
- 0700 000 249
- 0700 000 243
- 0700 000 244

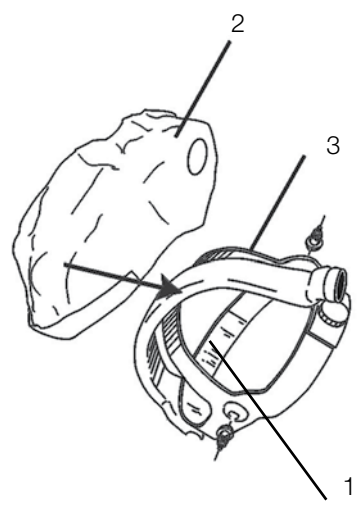
For accessories such as hard hats etc., see page 43-48.

## Spares for Globe-Arc Prepared for Fresh Air

- 1 Sweat band ESAB Pro prepared for fresh air, pack of 2
- 2 Head and face seal
- 3 Air duct incl. head harness ESAB Pro

- 0700 000 274
- 0700 000 951
- 0700 002 102

Spares for Eco Air, see page 51.



## Eco-Arc II Welding Helmets

The new Eco-Arc II is the latest development in flip up passive welding helmets. With a light weight Poly Propylene Shell, and outstanding facial protection, this helmet is suitable for all positional welding. Available in three flip front options, the helmet also adopts the new Eco Head Gear, with 5 rake positions. The helmet is supplied complete with outer protection lens, shade 11 mineral glass and the unique large internal protection lens.



# Helmets, Masks & Screens



## Eco-Arc II Helmets

Eco-Arc II 60 X 110 kit of 20	0700 000 760
Eco-Arc II 60 X 110 Individual packed	0700 000 761
Eco-Arc II 90 X 110 kit of 20	0700 000 762
<b>Eco-Arc II 51 X 108 kit of 20</b>	<b>0700 000 763</b>

*\* Helmets are delivered in boxes with 20 x helmet shells, head harnesses, flip-ups, welding glass DIN 11, protective glass in plastic and instruction manuals for each item.*

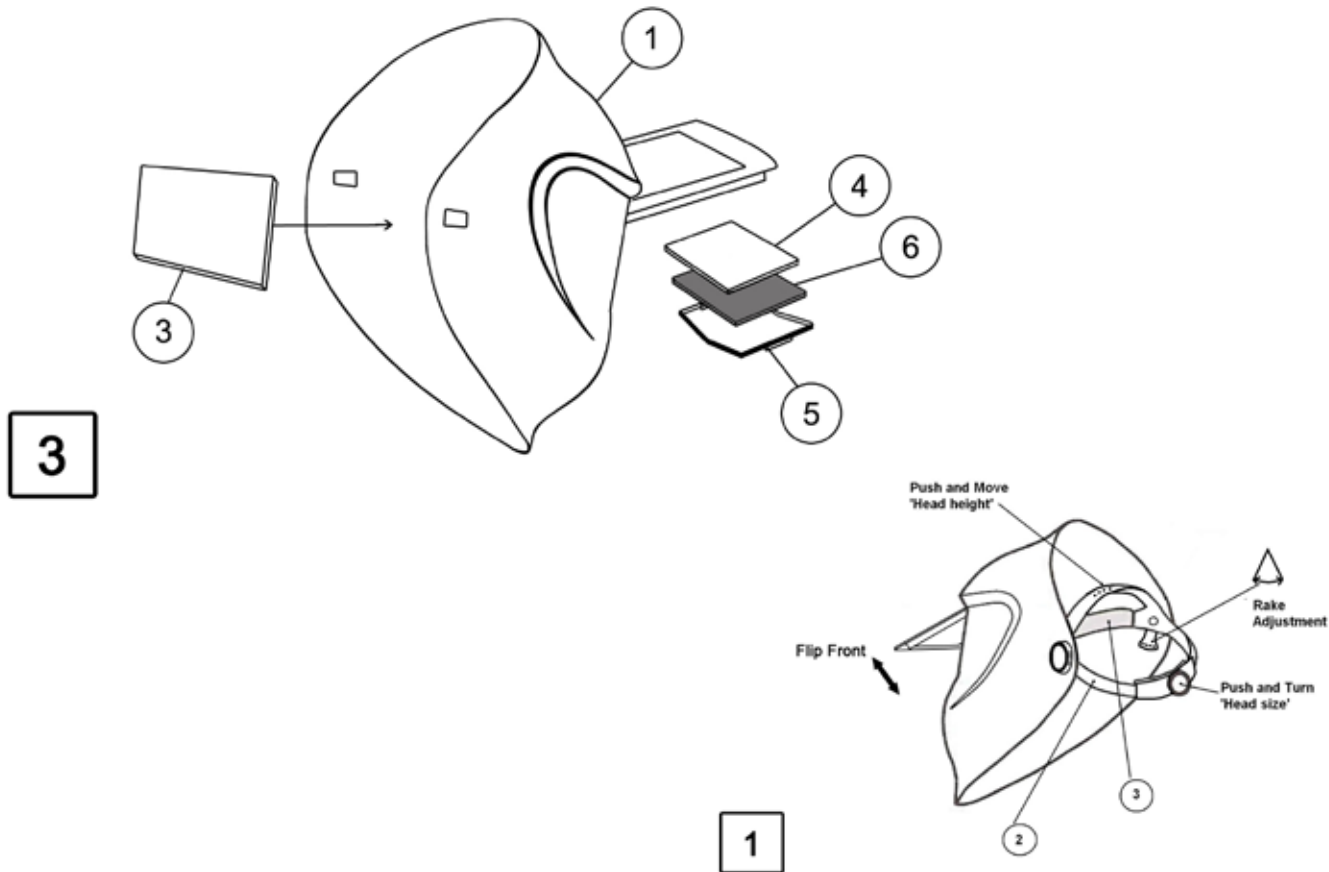
*\*\* Assembled helmets are delivered complete in plastic bags with cases.*

## Spares for Eco-Arc II

1	Sweat Band.....	0700 000 244
2	3 Inside Cover Lens Eco-Arc.....	0700 000 252
3	Spatter Lens 60 x 110 .....	0160 307 001
3	Spatter Lens 90 x 110 .....	0160 307 004
4	Spatter Lens 51 x 108 .....	0160 307 002
4	Lens Retaining Clip 60 x 110 .....	0700 000 255
5	Lens Retaining Clip 90 x 110 .....	0700 000 256
5	Lens retaining Clip 51 x 108 .....	0700 000 257
6	<b>Welding Filter 60 x 110 .....</b>	<b>0160 292 003</b>
7	<b>Welding Filter 90 x 110 .....</b>	<b>0760 031 633</b>
8	<b>Welding Filter 51 x 108.....</b>	<b>0760 031 603</b>

*For accessories such as magnifying glass, hard hats etc., see page 43-48.*

## Spares for Eco-Arc



# Helmets, Masks & Screens



## Euromask

Euromask is a helmet for welding and cutting that provides effective protection from UV and IR radiation. The visor must always be down when welding. The large field of vision provides effective protection for the eyes when grinding. Euromask can be combined with various IR and UV protectors. Also available with a protective helmet or prepared for use with a fresh air unit.

Euromask DIN 10 (1,7 + 8)  
Euromask DIN 11 (1,7 + 10)

**0000 500 501**  
**0000 500 500**



## Euromask welding helmet with hard hat

Euromask offers the welder the unique possibility of removing the hard hat with one hand movement. This means optimum safety and the best ergonomics for the welder - the helmet is used when required, while the neck is not put under strain unnecessarily. The welding helmet's usual head harness is replaced with the unique helmet adapter, which secures the hard hat in place. The hard hat is made of ABS and only weighs 300 g. Available in six different colours. Supplied with sweat band. CE approved according to EN 397.



Concept hard hat available  
in six colours!

Euromask DIN 10 (1,7 + 8) **0000 500 501**  
Euromask DIN 11 (1,7 + 10) **0000 500 500**  
Helmet adapter Universal Concept **0700 001 005**

Hard hat Concept yellow **0700 000 052**  
Hard hat Concept white **0700 000 135**  
Hard hat Concept blue **0700 000 136**  
Hard hat Concept green **0700 000 137**  
Hard hat Concept red **0700 000 138**  
Hard hat Concept orange **0700 000 142**  
Sweat band Concept hard hat, pack of 10 **0700 000 140**  
Head harness Concept hard hat, pack of 10 **0700 000 141**  
Hearing protection Universal SNR 29 dB **0700 001 009**  
Hearing protection Universal with FM-radio SNR 29 dB **0700 001 010**

Euromask 0000 500 501 0000 500 500	+	Helmet adapter Universal Concept 0700 001 005	+	Hard hat G2000, G22c or Concept	=	Complete welding helmet with hard hat
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Euromask 0000 500 501 0000 500 500	+	Helmet adapter Universal Concept 0700 001 005	+	Hearing protection or Hearing protection with radio	+	Hard hat G2000, G22c or Concept	=	Complete welding helmet with hard hat
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# Helmets, Masks & Screens



## Euromask welding helmet prepared for fresh air

Euromask welding helmets prepared for fresh air are adapted for the Eco Air fresh air unit. Welding helmets are supplied fully assembled with flame-proof head and face seal and air duct. CE approved.

Euromask DIN 10 prepared for fresh air	0700 000 901
Euromask DIN 11 prepared for fresh air	0700 000 902
<b>ESAB Air 160-8H Complete (EU)</b>	<b>0700 002 926</b>
<b>ESAB Air 160-8H Complete (UK)</b>	<b>0700 002 954</b>
Air 200 Complete (EU and UK)	0700 002 999

Euromask  
prepared for fresh air  
0700 000 901  
0700 000 902

+

Air 160/Air 200

=

Complete welding  
helmet with fresh  
air unit

## Spares for Euromask

Chin cover.....	0000 500 522
Visor frame.....	0000 500 511
Head gear.....	0000 500 519
Visor DIN 5.....	0000 500 525
Visor DIN 8.....	0000 500 514
Visor large DIN 8.....	0000 500 318
Visor DIN 10.....	0000 500 515
Visor large DIN 10.....	0349 501 088
UV protector clear (inner glass) .....	0000 500 526
UV protection DIN 1.7 (inner glass).....	0000 500 512
UV protection DIN 3 (inner glass) .....	0000 500 513
UV protection DIN 5 (inner glass) .....	0000 500 524

## Spares for Euromask prepared for fresh air

Air Hose standard (850 mm) .....	0468 127 011
Air Hose long (1000 mm) .....	0700 002 055
Air Hose Heavy-duty (850 mm) .....	0700 002 081
Face seal for fresh air helmet.....	0700 002 078
Air duct Euromask .....	0700 002 002

Spares for Eco Air, see page 51.

For accessories such as hard hats etc., see page 43-48.



# Welding screens



## Leather Mask

This leather mask can be used when there is not enough space for welding with a conventional welding helmet. Glass size 90 x 110mm.

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Leather mask

**0000 593 221**

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## Hand Screen E

A safe welding screen with replaceable welding glass, 60 x 110mm.

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Hand Screen E

**0332 109 880**

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## Hand Screen Delta

Welding screen that protects the face as well as the hand. The window size is 90 x 110mm. Welding glass included.

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Hand screen Delta

**0700 000 394**

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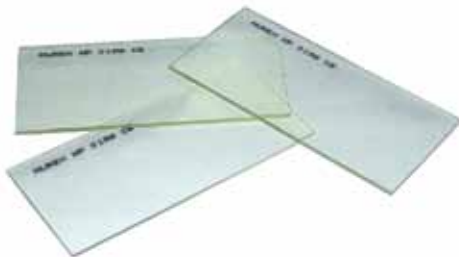
# Filter & Spatter Lenses



## Filter Lenses

Traditional glass filter lenses of excellent UV- and IR protection and thermal stability. Solid glass lenses are not robust and must be used with a polycarbonate backing lens and a glass- or plastic cover lens.

Filter Lens 60 x 110 shade 8 Pk 25	<b>0160 292 000</b>
Filter Lens 60 x 110 shade 9 Pk 25	<b>0160 292 001</b>
Filter Lens 60 x 110 shade 10 Pk 25	<b>0160 292 002</b>
Filter Lens 60 x 110 shade 11 Pk 25	<b>0160 292 003</b>
Filter Lens 60 x 110 shade 12 Pk 25	<b>0160 292 004</b>
Filter Lens 60 x 110 shade 13 Pk 25	<b>0160 292 005</b>
Filter Lens 90 x 110 shade 9 Pk 25	<b>0760 031 631</b>
Filter Lens 90 x 110 shade 10 Pk 25	<b>0760 031 632</b>
Filter Lens 90 x 110 shade 11 Pk 25	<b>0760 031 633</b>
Filter Lens 90 x 110 shade 12 Pk 25	<b>0760 031 634</b>
Filter Lens 90 x 110 shade 13 Pk 25	<b>0760 031 635</b>
Filter Lens 51 x 108 shade 9 Pk 25	<b>0760 031 601</b>
Filter Lens 51 x 108 shade 10 Pk 25	<b>0760 031 602</b>
Filter Lens 51 x 108 shade 11 Pk 25	<b>0760 031 603</b>
Filter Lens 51 x 108 shade 12 Pk 25	<b>0760 031 604</b>
Filter Lens 51 x 108 shade 13 Pk 25	<b>0760 031 605</b>
Filter Lens 50mm Diameter shade 4 Pk 25	<b>0000 665 604</b>
Filter Lens 50mm Diameter shade 5 Pk 25	<b>0000 665 605</b>
Filter Lens 50mm Diameter shade 6 Pk 25	<b>0000 665 606</b>



## Cover Lenses

A suitable cover lens must be used to protect the filter lens from spatter and damage.

Cover Lens 60 x 110 glass Pk 25	<b>0291 102 701</b>
Cover Lens 60 x 110 plastic Pk 100	<b>0160 307 001</b>
Cover Lens 90 x 110 glass Pk100	<b>0760 031 040</b>
Cover Lens 90 x 110 plastic Pk 100	<b>0160 307 004</b>
Cover Lens 51 x 108 glas Pk 25	<b>0760 031 010</b>
Cover Lens 51 x 108 plastic Pk 100	<b>0160 307 002</b>
Cover Lens Diameter 50mm glass Pk 50	<b>0000 665 600</b>
Cover Lens Diameter 50mm glass Pk 50	<b>0000 665 618</b>
<b>CR 39 Cover lenses</b>	
Cover Lens CR39 60 x 110 Pk10	<b>0701 416 352</b>
Cover Lens CR39 90 x 110 Pk10t	<b>0700 000 139</b>

# Accessories welding helmets

## Accessories for all ESAB's welding helmets



### Chest protector and Head/Neck protector for welding helmet

Chest protector and Head/Neck protector are recommended as supplementary protection for ESAB's welding helmets. Both are made of leather to give the best durability against welding spatter. The chest protector functions as a bib and gives extra protection to the throat and chest. The chest protector has an integrated rubber profile, which is threaded on to the underside of the welding helmet. The Head and Neck protector protects that part of the head and neck not protected by the welding helmet. The protector has an integrated rubber profile, which is threaded on to the upper side of the welding helmet. Apply a little liquid soap to the rubber profile to facilitate installation.

Leather chest protector for welding helmet	<b>0700 000 062</b>
Leather head and chest protector for welding helmet	<b>0700 000 063</b>



### ESAB Easy-Lite

The Easy-Lite is a small but effective light source, that can be easily attached to your welding helmet, hard hat, spectacle or anywhere that additional light is required. The Easy-Lite has also proven to be an excellent tool for adapting to a stainless steel inspection mirror, the bright LED is perfect for highlighting the weld in difficult places where there is insufficient light. The LED is turned on by a simple switch, and the battery has over 50 hours of life.

ESAB Easy-Lite	<b>0700 014 040</b>
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# Accessories welding helmets



## Magnifying Lenses

All welding helmets can be equipped with magnifying glass to correct vision when the welder is not wearing glasses.

Magnifying glass is mounted from the inside of the helmet, no adapter is required. Fits New-Tech™, Aristo® Tech, Origo™ Tech, Albatross 4000X and Eye-Tech II.

Magnifying glass +1.0 diopter	<b>0700 000 084</b>
Magnifying glass +1.5 diopter	<b>0700 000 085</b>
Magnifying glass +2.0 diopter	<b>0700 000 086</b>
Magnifying glass +2.5 diopter	<b>0700 000 087</b>

For Warrior™ Tech the magnifying glass is mounted on the inside of the helmet, no adapter is required.

For Albatross the magnifying glass is clamped on the inside of the helmet and is slightly smaller than the welding glass. A mounting frame is required for Eye-Tech™.

Magnifying glass +1.0 diopter	<b>0367 951 001</b>
Magnifying glass +1.5 diopter	<b>0367 951 002</b>
Magnifying glass +2.0 diopter	<b>0367 951 003</b>
Magnifying glass +2.5 diopter	<b>0367 951 004</b>
Mounting frame for magnifying glass Eye-Tech™	<b>0700 000 030</b>



## Helmet Spacer Kit

The ESAB helmet spacer kit has been designed to increase the width of the shell from the headgear allowing a pair of Ear defenders to be worn under the helmet. The spacer adapts to all ESAB welding helmets.

Helmet Spacer kit	<b>0700 001 004</b>
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## ESAB Mask Spray

The ESAB mask spray should be applied to the cover lenses in a helmet to keep them mist free and clean. 300 ml.

Mask Spray 300 ml Pk 6	<b>0700 013 026</b>
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# Hard Hats & Hearing Protection

## Universal combination

ESAB's new hard hat hearing adapter makes it possible to combine all ESAB's welding helmets with the most common protective helmets. Hearing protectors, either a traditional model or one with a radio, can be added to all combinations. This system enables a much more comprehensive choice of welding helmets, as you now can use the same basic model of the helmet by removing the headband and replacing it with the helmet adapter. There is no need for a separate helmet model of a welding mask. The welding mask can be quickly removed from the helmet by lifting the hearing protectors to top position and pulling the helmet from the adapter. Correspondingly, the mask can be locked to the helmet by lowering the hearing protectors to lowest position. After welding you can quickly remove the mask from the helmet, so working can continue with the same helmet and hearing protectors still on. No tools are needed for the removal.



Universal helmet adapter makes it possible to combine a hard hat with any ESAB welding helmet.



### Hearing protection standard

- 1396862068 Low weight
- Narrow profile



Hearing protection, standard or with FM-radio, is easily mounted on the Universal helmet adapter.



### Hearing protection with radio

- Li-Ion battery with up to 80 hours operation
- Automatic channel seek
- Memory for last channel selection
- Narrow profile
- Digital setting, selected channel always correctly set.
- DX function and searching for local channels.
- Short antenna

# Hard Hats & Hearing Protection



## Lock positions - with/without hearing protection









When welding is complete the welding helmet can be removed by turning the black helmet adapter, so that the arrow points upwards. If hearing protection is used it is even easier, turn the hearing protectors on the welding helmet upwards and the helmet adapter is automatically turned to the correct position. Then pull the welding helmet forward, and it comes free from the hard hat. No tools are required and the hard hat never needs to be removed to remove the welding helmet.

## Fixed in folded up position

When the welding helmet is raised to the maximum folded up position it is automatically fixed. By "nodding" the head the welding helmet falls into place again. Just how welders want it!

## Combination possibilities

Select any standard ESAB welding helmet Supplement with the Universal kit for the hard hat that you use. Supplement with hearing protection, standard or with FM radio as necessary. Put together - ready!

			
<b>Welding Helmet</b>  Aristo® Tech New-Tech™ Warrior™ Tech Origo™ Tech Albatross Globe Arc Eco Arc Euromask	<b>Hard Hat / Adapter</b>  Universal kit 1: 0700 001 005 Concept, Peltor, Balance, Iris & Uvex  Universal kit 2: 0700 001 006 Protector HC 615/ HC 300  Universal kit 3: 0700 001 007 Protector HC 710  Universal kit 4: 0700 001 008 MSA  All Universal kits contain: 1 pair yellow mountings (L + R) for ESAB welding helmet 2 x black adapters for the hard hat 2 lock rings 2 black locking knobs 1 pair black arms (L + R) for the welding helmet Installation instructions	<b>Hearing Protection</b> Standard - SNR 29 dB 0700 001 009    <b>Hearing Protection</b> With radio - SNR 29 dB 0700 001 010	<b>Complete System</b>  Welding helmet with a protective Hard hat and hearing protector  <b>Complete System</b>  Welding helmet with a protective Hard hat, hearing protector and radio
<b>Spares</b> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">   Head seal, short 0000 595 216 </div> <div style="text-align: center;">   Head seal, long 0700 000 093 </div> <div style="text-align: center;">   Leather chest protection 0700 000 062 </div> </div>			

# Hard Hats & Hearing Protection

## Other Hard hats & Hearing Protection



Concept hard hat available  
in six colours!

### Hard Hat Concept

The hard hat for New-Tech™, Aristo® Tech, Warrior™ Tech, Origo™ Tech, Eye-Tech™ och Globe-Arc provides the user with the lightest, strongest and most comfortable helmet available. The helmet is manufactured from ABS material and weighs only ~300g. The head gear is equipped with a ratchet adjustment for easy adjustment and comfort. Approved to EN 397.

Hard hat Concept Yellow	<b>0700 000 052</b>
Hard hat Concept White	<b>0700 000 135</b>
Hard hat Concept Blue	<b>0700 000 136</b>
Hard hat Concept Green	<b>0700 000 137</b>
Hard hat Concept Red	<b>0700 000 138</b>
Hard hat Concept Orange	<b>0700 000 142</b>
<hr/>	
Helmet adapter New-Tech™ for hard hat Concept	<b>0700 000 230</b>
Helmet adapter Eye-Tech for hard hat Concept	<b>0700 000 043</b>
<hr/>	
Sweat band Concept hard hat, pack of 10	<b>0700 000 140</b>
Head harness Concept hard hat, pack of 10	<b>0700 000 141</b>



### Hard hat Peltor G3000N and G22c

Hard hat Peltor G3000N is specially developed for Albatross welding helmets. The hard hat is made of UV stabilised ABS and only weighs 340 g. There are ventilation holes at the top for the best ventilation of the whole helmet. Mounting for easy installation of hearing protection. Hard hat G22c fits Euromask welding helmets. CE approved according to EN 397.

Hard hat G3000N Albatross Yellow	<b>0468 051 881</b>
Helmet adapter Universal Concept/Peltor G3000N	<b>0368 975 883</b>
Hard hat G22c Euromask Yellow	<b>0468 051 880</b>



### Hearing Protection Peltor

Peltor hearing protectors are available in two different versions; One that can be attached to a protective helmet, one with neck support, one with head support. All of these provide effective protection at different decibel levels.

Hearing protector for G2000c, yellow SNR 26 dB *)	<b>0367 420 003</b>
Hearing protector with neck support, SNR 26 dB	<b>0700 001 880</b>

\*) helmet mounting fits 3M/Peltor hard hats G22c, G2000 and G3000N.



# Respiratory Equipment



# Respiratory Equipment

## Why use PAPR (Powered Air Purifying Respirator)

The welding fume generated from the open arc welding process contains airborne particles released from the consumables and the material being welded. More than 90% of the fume arises from vaporisation of the consumable electrode, wire or rod as material is transferred across the arc or flame. Welding fume particles can be hazardous as they can penetrate the innermost parts of the lungs.

Long term exposure to welding fumes may affect the body's respiratory system, for example through substance inhalation and release into the blood system.

ESAB recommends the use of powered air purifying respirators (PAPR) in combination with ESAB's welding helmet. PAPR units operate by filtering the air through a battery powered unit, which is then supplied into the breathing zone inside the helmet.

ESAB PAPR systems are fitted with a P3 main filter which, if used correctly, can filter out up to 99.8%.

The PAPR should always be used, cleaned, inspected and maintained in accordance with the operating and maintenance instructions provided. A risk assessment should be carried out before use to ensure the PAPR system is suitable for the risks involved, the conditions at the place where exposure to the risk may occur, and the period for which it is worn, taking into account the state of health of the person who may wear the equipment, the work to be undertaken and the work environment.





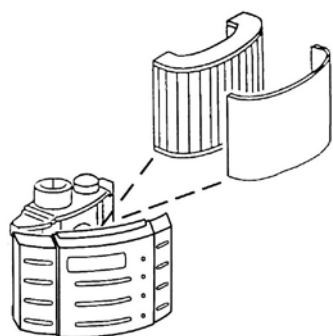
## Choice of filter

### Prefilter

The air first passes through the fresh air unit prefilter, which filters larger particles, which extends the life of the main filter and reduces the running cost of the fan. Prefilter with integrated carbon filter reduces unwanted odours. It is recommended that welders who want to reduce unwanted odours but still want maximum protection from dangerous particles use: Prefilter with integrated carbon filter + Particle filter P3.

### Main filter (Particle filter)

ESAB's fresh air fans are always supplied with a main filter of the P3 type, which gives the highest filtration efficiency - 99.8%. The main filter filters out damaging particles in the smoke, both solids and vapour borne. This means that particles containing aluminium, barium, cobalt, chrome, copper, manganese and nickel are caught by the main filter. Particle filter P2 with integrated carbon filter reduces unwanted odours. After passing through the prefilter the remaining dangerous filters are filtered by the main filter. It is recommended that welders who want to minimise unwanted odours use: Prefilter with integrated carbon filter + Particle filter P2 with integrated carbon filter. The main filter consists of a very sensitive filter element that will be damaged if cleaned using compressed air.



### Prefilter

#### Prefilter

Prefilter filters larger particles which extends the life of the main filter and reduces the running cost of the fan. Standard on delivery.

Prefilter, pack of 5  
**0700 002 023**

### Main filter

#### Particle filter P3

ESAB's fresh air fans are always supplied with a main filter of the P3 type, which gives the highest filtration efficiency - 99.8%. The particle filter filters out damaging particles in the smoke, both solids and vapour borne. Approved according to EN 12941 classification THP3/TH3PSL.

Particle filter P3, pack of 1  
**0700 002 024**

#### Prefilter with carbon filter

Prefilter with integrated carbon filter filters out larger particles and reduces unwanted odours.

Prefilter with carbon filter, pack of 10  
**0700 002 040**

#### Particle filter P2 with carbon filter

Particle filter P2 with integrated carbon filter is recommended for welders who wish to avoid unwanted odours. This particle filter has the next highest filtration efficiency - 98.0%. The particle filter filters out damaging particles in the smoke, both solids and vapour borne. Approved according to EN 12941, classification THP2/TH2PSL.

Particle filter P2 with carbon filter, pack of 1  
**0700 002 041**

# Respiratory Equipment

## Aristo® Air

The Aristo® Air PAPR (Powered Air Purifying Respirator) system combined with the Aristo® Tech helmet, offers heavy duty protection from welding fume and dust when welding, gouging & grinding. The unit features the latest in PCB Board technology, allowing the welder to adjust the air flow from 170 L/min to 210 L/min to suit the environment and application. This is highlighted by an LED airflow indicator on top of the unit. The Aristo® Air is equipped with audio & visual blocked filter and low battery alarms, offering extra safety for the welder.

The strong physical construction of the Aristo® Air, makes it extremely robust and suitable for all heavy duty welding applications.

- User adjustable air flow 170/210 L/min
- Li Ion battery pack  
(up to 8hr duration @ 210L/min)
- P3 filter and pre-filter
- International intelligent charger  
(interchangeable pins)
- Audio/visual blocked filter and low battery alarms
- LED air flow indicator
- Battery charge LED indicator
- Flat push button membrane switch
- Supplied with 'new style' comfort pad



**Weighs only 1kg**



## Aristo® Air

The Aristo® Air PAPR unit is delivered complete and is ready to use. Contents include: Air unit with air hose and hose cover, battery, intelligent charger, comfort pad and P3 filter.

Aristo® Air Complete

**0700 002 174**

## Eco Air

Eco Air is a robust fresh air fan, that gives a stable airflow of 170 litres fresh air/min. Supplied with both prefilter and Particle filter P3 of highest protection class. Carbon filter available as an accessory. Eco Air also has an integrated alarm (audible signal) that warns of low battery level or that the blocked filter needs changing. The battery can be used for at least 8 hours. The intelligent battery charger (IQ) checks that the battery is optimally charged and prevents overheating, which extends the service life of the battery. Only weighs 1170g incl. belt.

- Constant air flow 170 litres fresh air/min
- High quality NiMh battery that lasts for at least 8 hours at max. air flow.
- Supplied with Particle filter P3 of highest protection class, together with the efficient prefilter.
- Intelligent battery charger (IQ) checks that the battery is optimally charged and prevents overheating.
- Integrated alarm (audible signal) warn of blocked filter or low battery level
- Strong construction - can withstand >100 kg static load.
- Supplied with an ergonomic belt.



## Eco Air

Eco Air is a robust fresh air fan, that gives a stable airflow of 170 litres fresh air/min. Supplied complete with particle filter P3, air hose 850 mm with hose sleeve, chargeable NiMh battery, intelligent battery charger (IQ) and ergonomic belt. CE approved according to EN 12941:2008 for use together with New-Tech™, Aristo® Tech, Origo™-Tech, Albatross 1000/4000X, Globe-Arc and Euromask.

Eco Air Complete (EU and UK) including air hose

**0700 002 175**

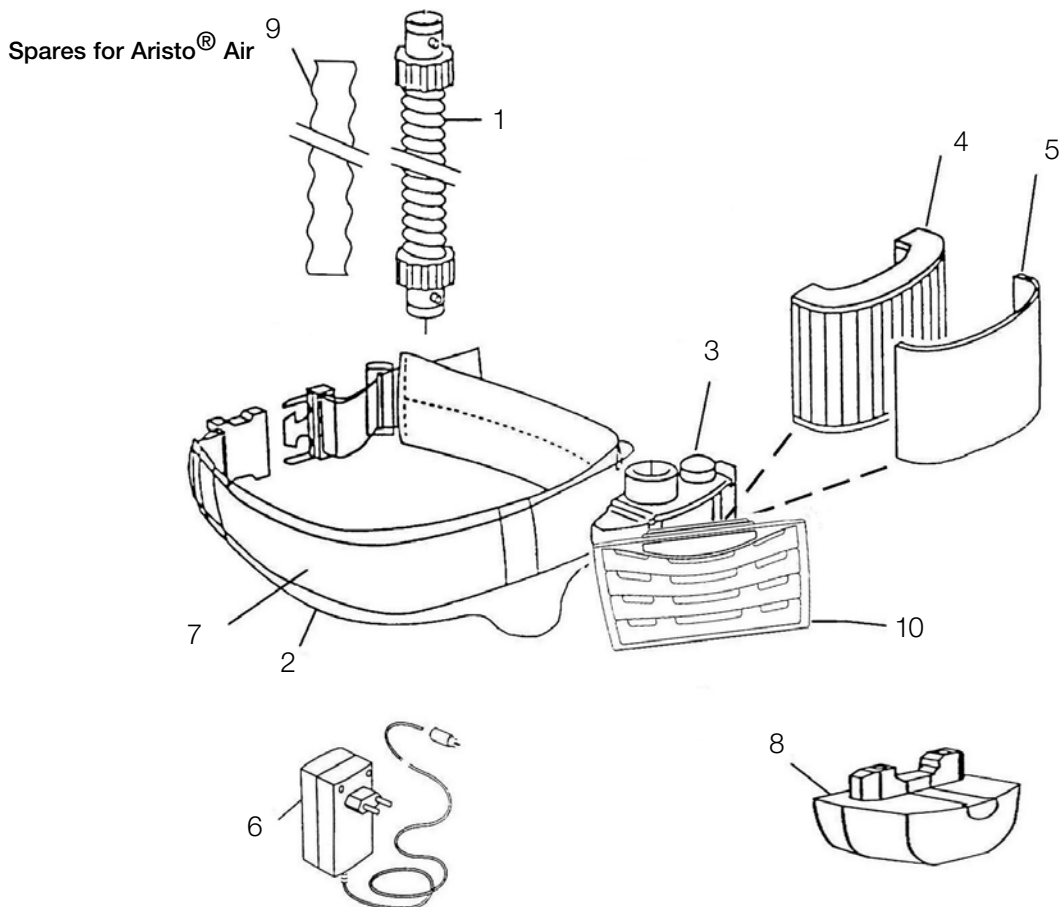
# Respiratory Equipment

## Spares for Aristo® Air

1	Air hose standard (850 mm) 1) .....	0468 127 011
1	Air hose long (1000 mm) 1).....	0700 002 055
1	Air hose Heavy-Duty (850 mm) 1).....	0700 002 081
2	Comfort pad Aristo® Air.....	0700 002 162
3	Motor unit Aristo® Air .....	0700 002 163
4	P3 filter.....	0700 002 024
4	P2 filter.....	0700 002 041
5	Pre filter Pk 5.....	0700 002 023
5	Carbon pre filter Pk 10 .....	0700 002 040
6	Intelligent charger Aristo® Air .....	0700 002 165
7	Waist belt .....	0700 002 027
8	Battery Aristo® Air .....	0700 002 164
9	Proban hose cover .....	0349 501 071
10	Aristo® Air dörr .....	0700 002 166

1) Air hose suitable for Aristo® Air, Eco Air, Air 160/200 with New-Tech™, Eye-Tech™, Eye-Tech™ II and Euromask.

Adapter 0700 002 176 is required to connect the air hose to Origo™-Tech, Albatross 1000/4000X and Globe-Arc.



## Spares for Eco Air

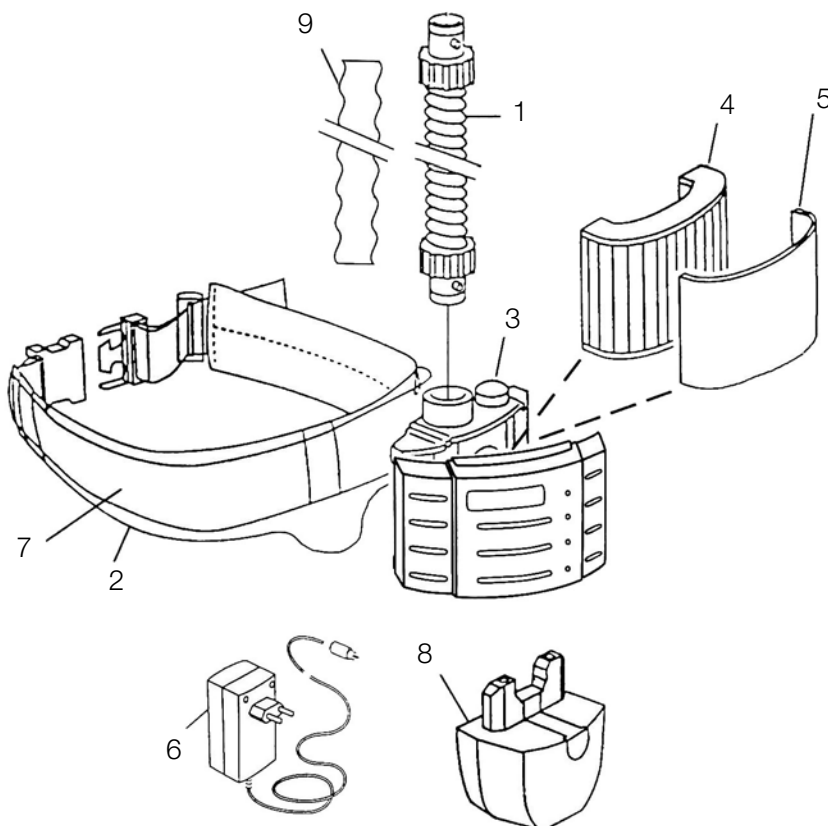
1	Air hose standard (850 mm) 1).....	0468 127 011
1	Air hose long (1000 mm) 1).....	0700 002 055
1	Air hose Heavy-duty (850 mm) 1) .....	0700 002 081
1	Air hose Albatross 3000X 2) .....	0700 002 032
2	Comfort pad standard.....	0700 002 021
2	Comfort pad large.....	0700 002 022
3	Motor unit Eco Air.....	0700 000 393
4	P3 filter .....	0700 002 024
4	P2 filter carbon .....	0700 002 041
5	Pre filter Pk 5.....	0700 002 023
5	Carbon Pre filter Pk 10 .....	0700 002 040
6	Intelligent charger (IQ) Eco Air .....	0700 002 165
7	Waist belt .....	0700 002 027
8	Battery Eco Air .....	0700 002 144
9	Proban hose cover .....	0349 501 071

1) Air hose suitable for Aristo® Air, Eco Air, Air 160/200 with New-Tech™, Eye-Tech™, Eye-Tech™ II and Euromask.

Adapter 0700 002 176 is required to connect the air hose to Origo™-Tech, Albatross 1000/4000X and Globe-Arc.

2) Air hose suitable for Albatross welding helmets with air intake on the left and right side of the helmet.

## Spares for Eco Air





# Respiratory Equipment

## Spares for Air 160/200

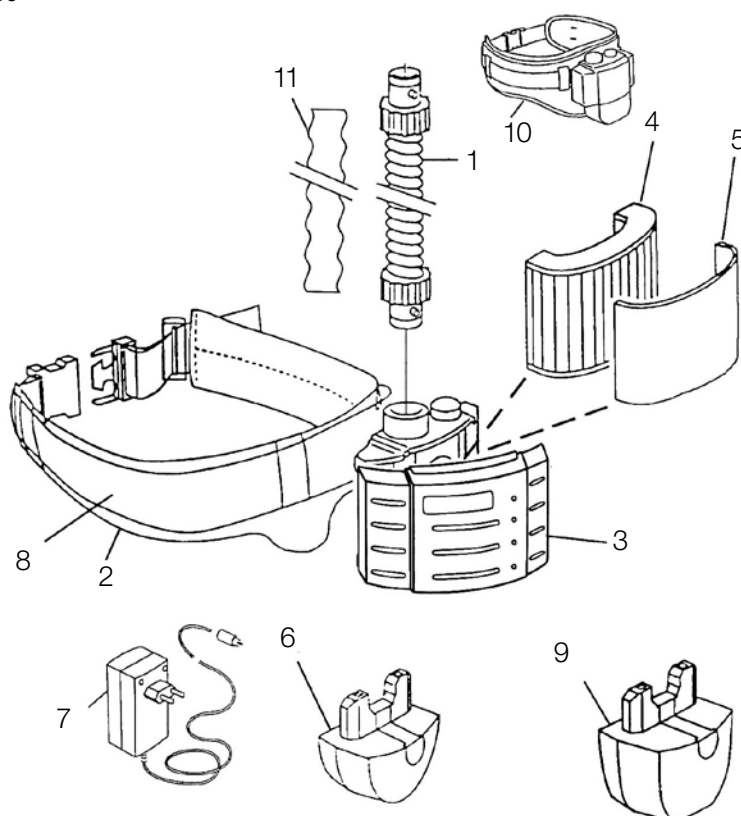
1	Air hose standard (850 mm) 1) .....	0468 127 011
1	Air hose long (1000 mm) 1).....	0700 002 055
1	Air hose Heavy-duty (850 mm) 1) .....	0700 002 081
1	Air hose Albatross (850 mm) 2).....	0700 002 032
2	Comfort pad standard .....	0700 002 021
2	Comfort pad large .....	0700 002 022
3	Air 160 motor unit .....	0700 002 042
3	Air 200 motor unit.....	0700 002 079
4	P3 filter .....	0700 002 024
4	P2 filter carbon .....	0700 002 041
5	Pre filter Pk 5.....	0700 002 023
5	Carbon Pre filter Pk 10 .....	0700 002 040
6	Battery small Air 160 .....	0700 002 013
6	Battery small Air 200 .....	0700 002 144
7	Intelligent charger 3) .....	0700 002 165
8	Waist belt .....	0700 002 027
9	Battery large Air 160.....	0700 002 014
9	Battery large Air 200 .....	0700 002 082
10	Air 160 IQ kit.....	0700 002 879
10	Air 200 IQ kit .....	0700 002 999
11	Proban hose cover .....	0349 501 071

1) Air hose suitable for Air 160/200 with New-Tech, Eye-Tech, Eye-Tech II and Euromask.

2) Air hose suitable for Air 160/200 with Albatross 1000/3000X/4000X welding helmets with air intake on the left and right side of the helmet.

3) The intelligent battery charger (IQ) charges all standard and heavy-duty (HD) batteries for Air 160/200.

## Spares for Air 160/200

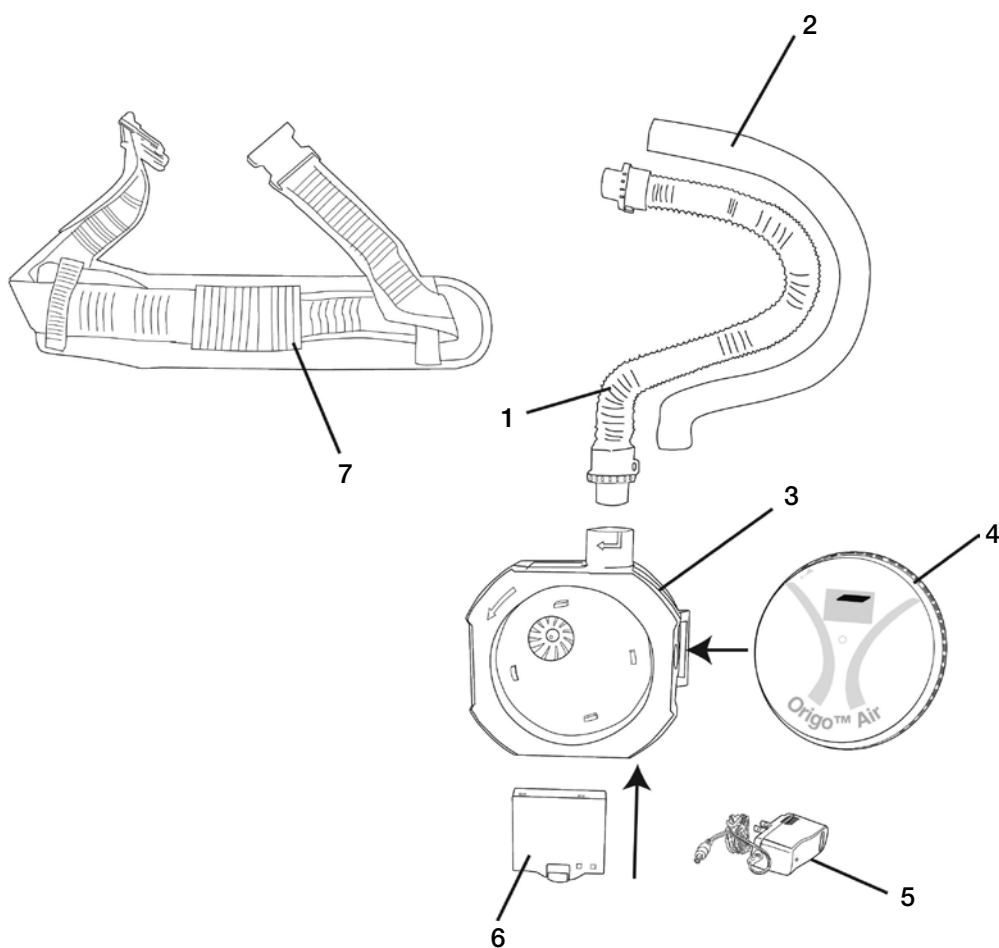


## Spares for Origo™ Air

1	Air Hose .....	0700 002 103
2	Proban Hose Cover .....	0700 002 104
3	Motor Unit .....	0700 002 105
4	Filter.....	0700 002 106
5	Charger Adapter.....	0700 002 107
6	Battery.....	0700 002 108
7	Waist Belt .....	0700 002 109

\* Not shown

## Spares for Origo™ Air



# Respiratory Equipment

## ESAB Compressed Air Systems (CA)



### ESAB Air CA

The waist mounted regulator is pre-set to reduce the air from high to low pressure and has integral low flow warning alarm. The unit is encased to protect the regulator. The regulator is delivered with an air supply connector which connects the air hose to the regulator. The regulator can be combined with Eye-Tech, Eye-Tech II, New-Tech, grinding/spraying helmet & Grinding Visor. The unit is supplied complete with waist belt. The maximum input working pressure is 10 bar (145 psi).

ESAB Air CA regulator	<b>0349 501 072</b>
Compressed air hose 10m	<b>0701 416 188</b>
Air hose standard (850 mm)	<b>0468 127 011</b>

### Spares for compressed air regulator Air CA

Adapter for air hose 850 mm	<b>0701 416 178</b>
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### ESAB Compressed Air Filtration Bank

The filter system consists of three filtration units which will remove liquids, solid contaminants, oil vapour and odours from the compressed air supply and provides clean breathing air to the operators. The filtration bank should be used when a clean air supply is not available. The units are fitted with 1/4" (6,4mm) input hose tail adapter, a 0,5-10 bar adjustable regulator, twin output 'quick-snap' style hose connectors for 1 or 2 operators and a gauge as a guide to output pressure. The filtration bank can be supplied for wall mounting or on a portable frame.

Filtration Bank Framed	<b>0700 002 085</b>
Filtration Bank Wall Mounted	<b>0700 002 086</b>

### Spares filters for Filtration Bank

Prefilter, PK 3	<b>0700 002 087</b>
Coalescing Filter	<b>0700 002 088</b>
Charcoal filter	<b>0701 416 187</b>

## Air Fed Grinding Visors



### Grinding and Spraying Helmet for Air

The system consist of a hard hat combined with a flip up polycarbonate visor. Air is feed into the head piece via an air hose from the air unit. ESAB offer visor covers to protect and increase the life of the visor.

Grinding / spraying helmet incl hose	<b>0701 416 189</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>

### Spares for grinding / spraying helmet

Replacement visor clear	<b>0701 416 233</b>
Replacement visor DIN5 green	<b>0701 500 000</b>
Visor covers	<b>0701 416 182</b>
Face seal Pk 5	<b>0701 416 234</b>
Brow guard and arms	<b>0700 002 056</b>
<b>ESAB Air 160-8H Complete (EU)</b>	0700 002 926
ESAB Air 160-8H Complete (UK)	0700 002 954
Air 200 Complete (EU and UK)	0700 002 999

Grinding and spray  
helmet prepared for  
fresh air  
0701 416 189

+

EAir 160/Air 200

=

Complete grinding  
and spray helmet  
with fresh air unit



### Grinding visor prepared for fresh air

The grinding visor prepared for fresh air is suitable for fresh air unit Eco Air or compressed air Air CA. The grinding helmet is supplied fully assembled with flame-proof head and face seal and air duct. Fresh air unit purchased separately.

Grinding visor prepared for fresh air	<b>0700 002 915</b>
Eco Air IQ kit incl. air hose	<b>0700 002 175</b>

### Spares for grinding visor prepared for fresh air

Face seal, pack of 5	<b>0700 002 057</b>
Head seal, pack of 5	<b>0700 002 058</b>
Visor transparent	<b>0700 002 059</b>
Visor screen transparent, pack of 50	<b>0701 416 182</b>

ESAB Air 160-8H Complete (EU)	0700 002 926
ESAB Air 160-8H Complete (UK)	0700 002 954
Air 200 Complete (EU and UK)	0700 002 999

Grinding visor  
prepared for fresh air  
0700 002 915

+

Air 160/Air 200

=

Complete grinding  
visor with fresh air  
unit

# Respiratory Equipment

## Filtair Disposable Masks

The ESAB Filtair series has been developed to improve the comfort of disposable respirators whilst maintaining an excellent face fit. Colour coding the range makes identification simple when varying levels of protection may be required. The mesh shell supports the filter media and prevents collapse onto the face and the preformed nose bridge provides comfortable fit eliminating constant adjustment.

The filters use the latest filter technology to promote low breathing resistance and are approved to EN149:2001 (meeting the 120mg load testing).

The Filtair is available as a pre-moulded and a flat version. Depending on the protection level needed and the breathing resistance some models are equipped with a valve. All the masks are fitted with buckle fastening which also allows the wearer to adjust the straps accordingly.





# Respiratory Equipment

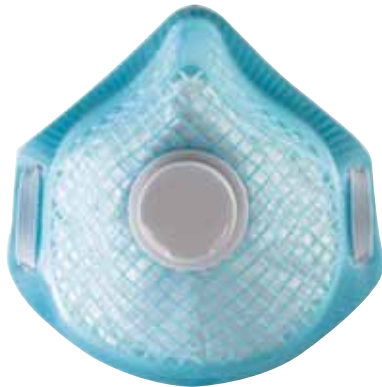


## ESAB Filtair Pro 8010

This mask provide P1 protection and is suitable to wear during general dusty duties.

ESAB Filtair Pro P1 'White' Pk 20

**0700 002 200**



## ESAB Filtair Pro 8020V

This mask provide P2 protection and is equipped with a valve to reduce heat and moisture build up inside the respirator. Suitable to wear when sanding painted metals, powder coating and sanding cured resins.

ESAB Filtair Pro P2V 'Blue' Pk 10

**0700 002 201**



## ESAB Filtair Pro 8020CV

This mask provide P2 protection and is equipped with a valve to reduce heat and moisture build up inside the respirator. The carbon layer takes out bad odours. Suitable to wear during welding, brazing, soldering, painting (brush applied), gluing (brush applied) and polyester resins (hand mix).

ESAB Filtair Pro P2CV 'Grey' Pk 5

**0700 002 202**



## ESAB Filtair Pro 8030V

This mask provide P3 protection and is equipped with a valve to reduce heat and moisture build up inside the respirator. Suitable to wear during molten metal handling, welding, machining, grinding, polishing and finishing.

ESAB Filtair Pro P3V 'Orange' Pk 5

**0700 002 203**

# Respiratory Equipment



## ESAB Filtair Flat A-1

This mask provide P1 protection and is suitable to wear during general dusty duties.

ESAB Filtair Flat P1 'White' Pk 20

**0700 002 204**



## ESAB Filtair Flat A-2V

This mask provide P2 protection and is equipped with a valve to reduce heat and moisture build up inside the respirator. Suitable to wear when sanding painted metals, powder coating and sanding cured resins.

ESAB Filtair Flat P2V 'Blue' Pk 20

**0700 002 205**



## ESAB Filtair Flat A-2CV

This mask provide P2 protection and is equipped with a valve to reduce heat and moisture build up inside the respirator. The carbon layer takes out bad odours. Suitable to wear during welding, brazing, soldering, painting (brush applied), gluing (brush applied) and polyester resins (hand mix).

ESAB Filtair Flat P2CV 'Grey' Pk 20

**0700 002 206**



## ESAB Filtair Flat A-3V

This mask provide P3 protection and is equipped with a valve to reduce heat and moisture build up inside the respirator. Suitable to wear during molten metal handling, welding, machining, grinding, polishing and finishing.

ESAB Filtair Flat P3V 'Orange' Pk 20

**0700 002 207**

# Spectacles, Goggles & Visors

## WARRIOR™ Safety Spectacles

These stylish spectacles are used for drilling, chipping and metalworking. They have a sporty style, soft to the touch, and have a lightweight wrap around, including a neck cord. They are extremely flexible and durable, and are available in four different lens configurations. All lens configurations provide protection against dangerous UV radiation. CE approved according to EN 166-F. There are 12 pairs packed per box.

- Fantastically flexible and durable.
- Rubberised sidepieces that hold spectacles in place.
- Approved according to EN 166-F.
- Scratch resistant lens of the highest optical class.
- Anti-slip nose bridge.
- Super lightweight—weighs only 24g.
- Supplied with neck strap/lanyard.
- Supplied in boxes of 12, individually packed and marked with part no., designation and barcode (EAN).



### WARRIOR™ Clear

The clear lens is suitable when working indoors, providing general eye protection.

Warrior™ Clear Pk 12

**0700 012 030**



### WARRIOR™ Smoked

The smoked lens is suitable when working in strong ambient light.

Warrior™ Smoked Pk 12

**0700 012 031**



### WARRIOR™ Amber

The Amber (yellow lens) enhances the light. This is suitable when the ambient light is not sufficient.

Warrior™ Amber Pk 12

**0700 012 032**



### WARRIOR™ Shade 5

The shade 5 spectacle provide protection not only against IR/UV light but also against the visible light during gas welding/cutting.

Warrior™ Shade 5 Pk 12

**0700 012 033**

# Spectacles, Goggles & Visors

## ESAB Eco Safety Spectacles

These stylish spectacles are used for drilling, chipping and metalworking, they have a sporty style and are extremely lightweight. Available in three different lens configurations. All lens configurations provide protection against dangerous UV radiation. CE approved according to EN 166-F. There are 10 pairs packed per box.



### ESAB Eco Clear

The clear lens is suitable when working indoors, providing general eye protection.

ESAB Eco Clear Pk 12	0700 012 017
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### ESAB Eco Smoked

The smoked lens is suitable when working in strong ambient light.

ESAB Eco Smoked Pk 12	0700 012 018
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### ESAB Eco Amber

The Amber (yellow lens) enhances the light. This is suitable when the ambient light is not sufficient.

ESAB Eco Amber Pk 12	0700 012 019
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# Spectacles, Goggles & Visors



## ESAB Visitor Spectacle

ESAB Visitor spectacle protects the eye from flying particles. The lenses are made of impact-resistant polycarbonate. The spectacles (frames & lenses) are certified to EN 166:2001.

ESAB Visitor Spectacle

**0700 012 021**



## ESAB Ski Goggle Clear

The special injected frame offers supreme user comfort as well as durability. Expanded Visual field. Cross Vent technology keeps air flowing in and moisture out. Moulded 2mm polycarbonate lens provides great impact protection. These goggles meet ANSI Z87.1+ impact standard. ESAB Revolution Clear Chemical Splash Goggle is CE Certified to EN166'S'.

ESAB Ski Goggle Clear

**0700 012 027**



## ESAB Ski Goggle Shade 5

The special injected frame offers supreme user comfort as well as durability. Expanded Visual field. Cross Vent technology keeps air flowing in and moisture out. Moulded 2mm polycarbonate lens provides great impact protection. These goggles meet ANSI Z87.1+ impact standard. ESAB Revolution UVIR Shade 5 is CE certified in addition to EN 169:2002 Optical Radiation (Welding).

ESAB Ski Goggle Shade 5

**0700 012 026**



## ESAB Chemical Goggle

Provides protection against liquid splashes, dusts and spatter.

ESAB Chemical Goggle

**0700 012 025**



# Spectacles, Goggles & Visors



## Grinding Visor Complete

A strong lightweight brownguard featuring an adjustable head harness and clear polycarbonate screen (200mm) in shade 5 or clear anti glare screen.

Grinding Visor Complete  
Replacement Visor Clear Pk 5

**0700 012 020**  
**0700 012 023**



## ESAB Flip Front Goggle Round Shade 5

Protective goggle shade 5 for gas welding, brazing and gas cutting. The goggles are ventilated and have a flip-front mechanism. CE approved according EN 166/EN 175.

ESAB Flip Front Goggle, Shade 5

**0700 012 022**







# Welding Curtains

## Welding curtains



The purpose of a welding curtain is to shield the welding area in order to protect people passing by the welding area from the dangerous radiation emitted by the welding arc; and at the same time supervision on the what is happening inside is possible. Welding curtains are NO substitute to welding filters but offer an excellent visual protection according to EN 1598 for people outside the welding area. At the same time there is a clear view on what is going on in the welding area for supervision & safety requirements.

The 3 transparent shades (“see through”) admit visibility on the welding job, increasing safety on site. They enable the welder to look outside avoiding a sensation of feeling isolated. Dark green opaque to be used as a segregation curtain in between 2 welding areas to avoid interference.

Orange transparent



Green transparent



Bronze transparent



Dark green



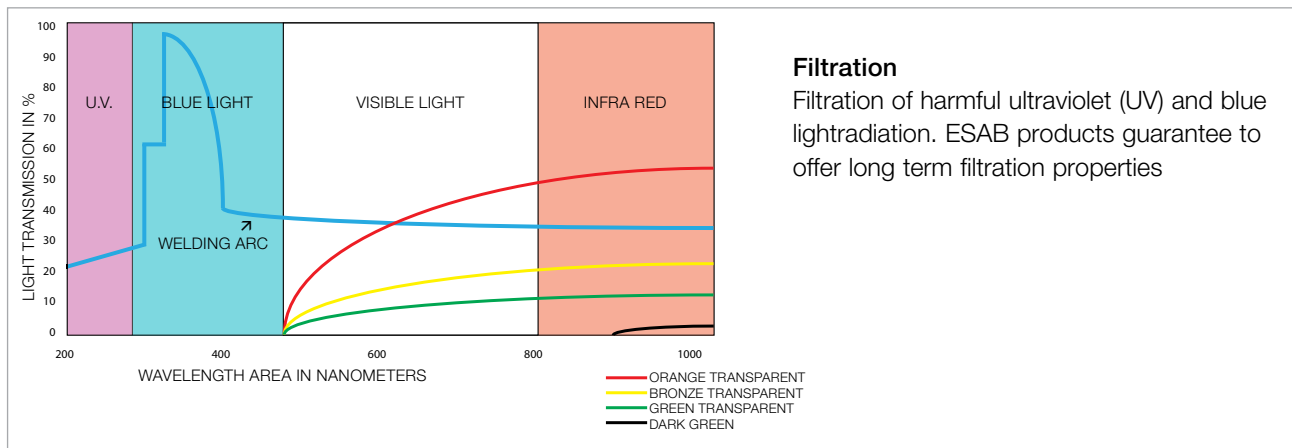
# Welding Curtains

## Benefits of welding curtains

- Visual protection (and admitting visibility on the welding area)
- Protection for sparks and spatters (minimizing risk on fire)
- Avoiding negative effects of draughts on gas welding process)
- Optimizing efficiency welding fume extraction equipment
- Flexible
- Cost effective
- Easy to install

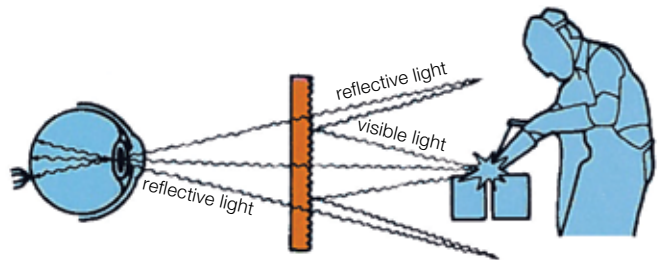
## EN 1598 Standard

All ESAB products have been approved according to the European EN-1598 standard and are regularly retested and re-certified. Therefore customers are always assured of obtaining a safe product.

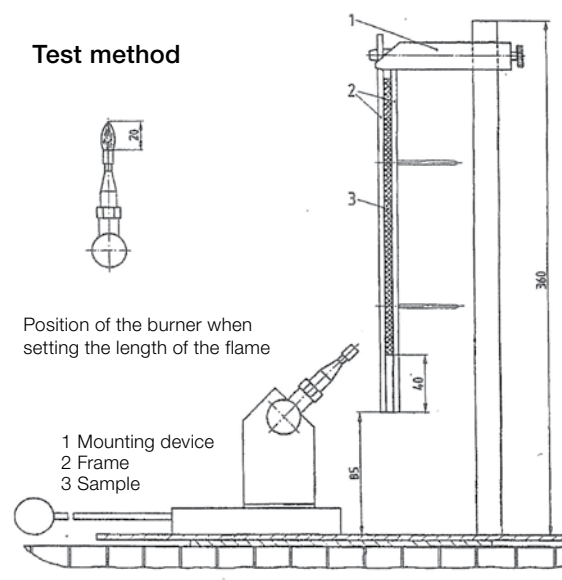


### UV reflection

ESAB welding curtains limit the reflection of UV radiation inside the welding booth.



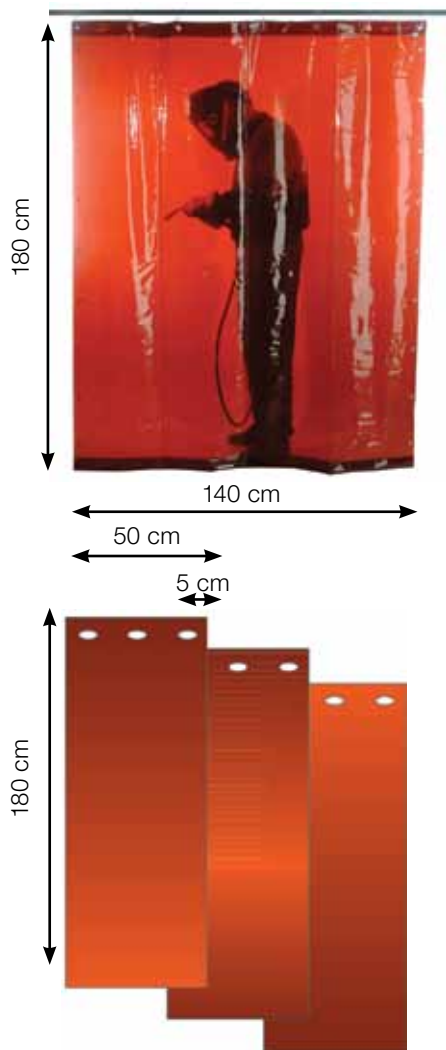
### Test method



### Resistance to ignition (self extinguishing)

If an ESAB curtain catches fire, the material will extinguish automatically after the source of the fire has been put out / taken away.

# Welding Curtains



## Welding Curtains

Three colour types are available and all three can be supplied as standard curtains, as well as strip curtains. The self-extinguishing material provides good protection from dangerous welding radiation.

The curtains are equipped with press-studs for easy, strong fastening and they are folded at the top and the bottom to withstand harsh use. The strip curtain allows access and enables material to be passed through, even when it is closed. All approved according to prEN 1598. The mounting rings come in a package of seven, which is enough to mount any of the curtains (standard as well as strip). Rings are included when ordering any of the curtains.

Welding curtain, dark red, 1.8 x 1.4m	<b>0700 008 004</b>
Welding curtain, bronze transparent, 1.8 x 1.4m	<b>0700 008 017</b>
Welding curtain, green transparent, 1.8 x 1.4m	<b>0700 008 005</b>
Welding curtain, dark green, 1.8 x 1.4m	<b>0700 008 006</b>
Welding strip curtain, dark red, 1.8 x 1.4m	<b>0700 008 001</b>
Welding strip curtain, bronze transparent, 1.8 x 1.4m	<b>0700 008 016</b>
Welding strip curtain, green transparent, 1.8 x 1.4m	<b>0700 008 002</b>
Welding strip curtain, dark green, 1.8 x 1.4m	<b>0700 008 003</b>
Mobile curtain, without wheel, dark red, 2 x 2m	<b>0000 595 315</b>
Mounting rings PVC Pk 7	<b>0700 008 007</b>
Mounting rings metal Pk 7	<b>0700 008 008</b>

## Wire Reel for Welding Curtains

The wire reel is used when hanging the curtains. The wire is an 8 metre retractable stainless steel line. The unit is fixed to the wall and the line is tightened by using the specially designed torque control.

Wire reel for welding curtain	<b>0700 008 018</b>
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# Welding Curtains

## ESAB VersiFlex Frame for Welding Curtains



The new frame is made from jointed 32 and 22mm diameter steel tubing, with the joints to the leg portions being precision swaged for a sturdier joint. The ultra stable frame with a 700mm pitch for the feet width comes with rubber feet as standard. The offset legs enable two frames to be put together to make a tight 90 corner, or 4 frames together to make a cubicle.

### As standard the Versi Flex frame can make 3 width sizes:

- 1) 1000 as a frame to make a cutting barrier with a Welding Blanket.
- 2) 1400 as the standard welding curtain frame.
- 3) 2000 as wider version of the above.

### Options for the frame:

- 1) A set of 4 wheels, these simply screw into the sockets covered by the standard rubber feet, turning the screen into a mobile.
- 2) A set of 2 outriggers, these handy outriggers extend the frame from 2000 to 4000 wide, but can also be used to make sides to a standard frame as a partial cubicle.

ESAB VersiFlex frame system

**0700 008 020**

Set of outrigger arms (Set of 2)

**0700 008 021**

Set of wheels (Set of 4)

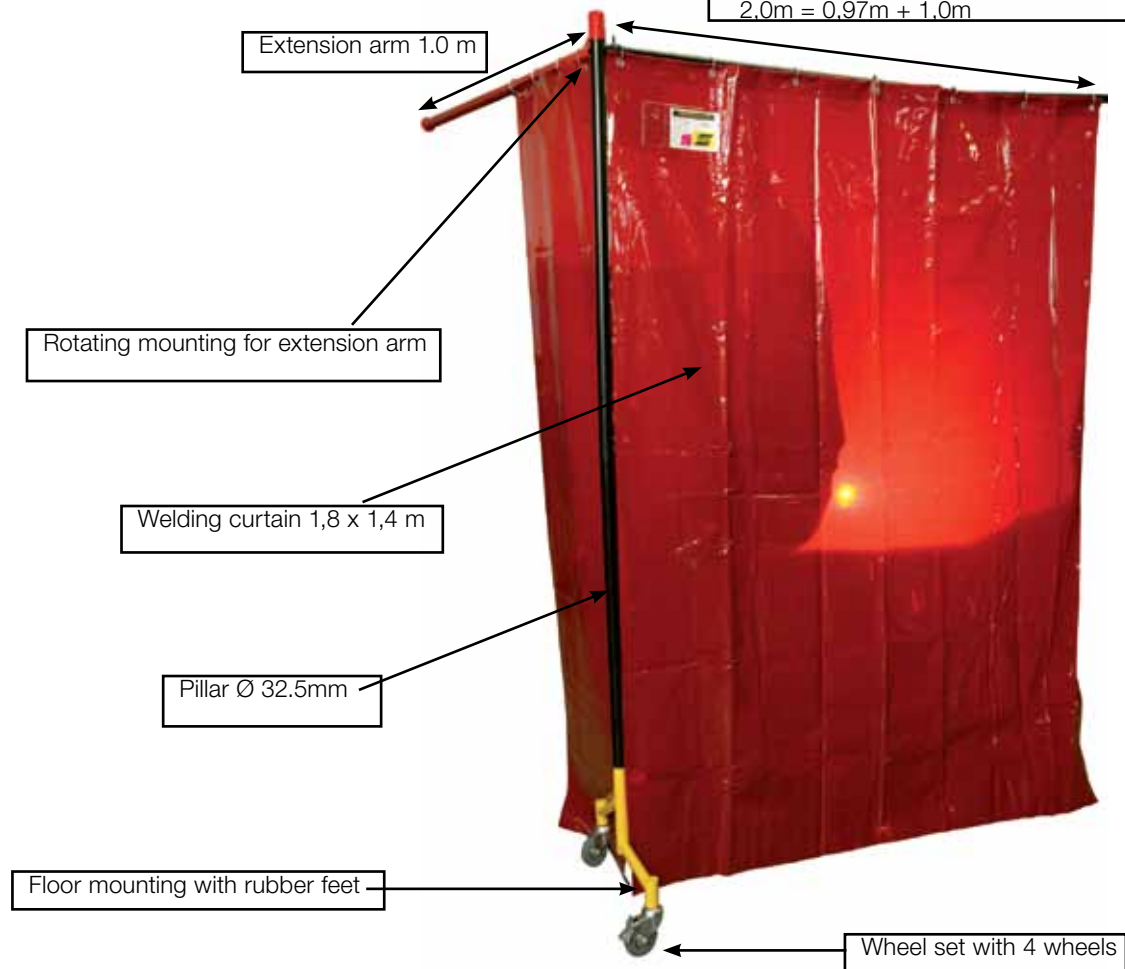
**0700 008 022**

Width combinations with frame Ø 22mm:

1,0m = 0,97m

1,4m = 0,97m + 0,4m

2,0m = 0,97m + 1,0m



# Welding Blankets

## Welding Blankets

The ESAB Welding blankets are produced using heat and flame resistant fabrics. The blankets provide excellent protection from grinding/welding sparks, slag and drops of molten metal. ESAB offer a wide range of blankets with different characteristics and in many different sizes. The blankets are colour coded.

When selecting the most suitable blanket for the application, the following factors should be considered:

**Positioning of the blanket** – Sparks hitting a blanket, which is positioned horizontally, will put extra stress on the material and a stronger and more heat resistant blanket should be used.

**Work application** – For light duty welding or cutting a thinner and less heat resistant blanket can be used. For heavy duty welding or cutting when the blanket is exposed to drops of molten metal then a more durable blanket should be used.

**Flexibility** – The weight of the blanket indicates how flexible the fabric is. A blanket of less weight makes it easier to protect small pipes and components where it's necessary to wrap the blanket.



# Welding curtains



## Selection aid / Technical data

	3001 / LD550	1850 / MD550	2-1900 / MD1300	906 / HD750
Basic material	Fibreglass	Fibreglass	Silica fabric	Fibreglass
Material structure	Filament, flat	Texturized	Filament, flat	Texturized
Material mass	460 gr/m <sup>2</sup>	580 gr/m <sup>2</sup>	600 gr/m <sup>2</sup>	1020 gr/m <sup>2</sup>
Material thickness	0,4 mm	0,75 mm	0,7 mm	1,5 mm
Temperature continuous	500 °C	500 °C	1000 °C	550 °C
Temperature intermittent	550 °C	550 °C	1300 °C	750 °C
Melting temperature	800 °C	800 °C	1600 °C	900 °C
Colour	grey	tan	gold	black
Horizontal use	--	+-	++	++
Vertical use	+++	+++	+++	+++
Grinding	++	+++	++	+
All purpose medium	+	+++	-	+++
All purpose heavy	-	-	-	+++
Insulation/ cooling down	--	+++	+++	-
Automotive	+-	+-	++	-

\* Welding blanket 5180 / SD1300 does not melt but instead "dissolves" if it is exposed to high temperatures for a length of time. This means that the welding blanket cannot be used for insulation or cooling.

+++ / ++ / +

The symbol "+" indicates that the welding blanket is suitable for the application. The more "+" a welding blanket has, the more suitable.

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The symbol "-" indicates that the welding blanket is not suitable for the application. Select the alternative welding blanket. The symbol "+" indicates that the welding blanket is suitable for the application.

## Rekommendations



- Before using blankets for the first time, always perform a test.
- Use multiple layers initially for maximum protection from sparks spatter & radiant heat. (After testing less layers can be used!)
- Use blanket under min. 15° angle.
- Sparks hitting a blanket, which is positioned horizontally, will put extra stress on the material and a stronger and more heat resistant blanket should be used.
- WARNING:
- Since applications of welding blankets vary widely, no warranty on the blanket's usage is implied or intended. The user is responsible for determining whether the chosen blanket will provide adequate protection for the application used!

# Welding blankets

## Light-duty Applications



### Welding Blanket 3001

Acrylic coated fibreglass blanket for light sparks and spatter. Provides an excellent vertical screen to protect equipment and personnel from the spray of sparks. Specially coated to be used in oil and moisture environments. Maximum temp. = 550°C, Weight = 460 g, Colour = Grey.

2m x 1m	<b>0700 008 026</b>	1m x 25m roll	<b>0700 008 028</b>
2m x 2m	<b>0700 008 027</b>		

## Medium-duty Applications



### Welding Blanket 1850

Uncoated fibreglass blanket for light sparks and spatter. Best when used on an incline of at least 15 degrees. Maximum temp. = 550°C, Weight = 600 g, Colour = Tan.

2m x 1m	<b>0700 008 023</b>	1m x 25m roll	<b>0700 008 025</b>
2m x 2m	<b>0700 008 024</b>		

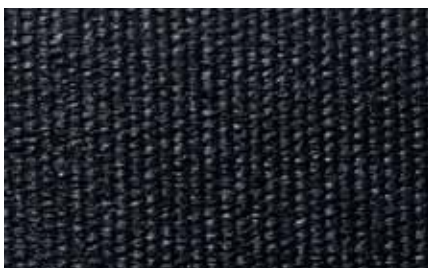


### Welding Blanket 2-1900

Uncoated silica welding blanket for heavy duty applications. The silica fibre has a high melting temperature of 1350°C making it an excellent choice when drops of molten metal are a problem. The 2-1900 blanket resists most acids. Maximum temp. = 1300°C, Weight = 600 g, Colour = Bronze.

2m x 0,9m	<b>0700 008 032</b>	0,9m x 25m roll	<b>0700 008 034</b>
2m x 1,8m	<b>0700 008 033</b>		

## Heavy-duty & Special-duty Applications



### Welding Blanket 906

Vermiculite coated fibreglass blanket with higher heat resistance. Suitable for medium to heavy duty industrial applications. Not suitable in very oily situations. Maximum temp. = 750°C, Weight = 750 g, Colour = Black.

2m x 1m	<b>0700 008 029</b>	1m x 25m roll	<b>0700 008 031</b>
2m x 2m	<b>0700 008 030</b>		



# Welding Clothing





# Welding Clothing/Leather - Heavy Duty

## Leather Workwear



ESAB's Leather protective range is helping to redefine welder protection, with garments that provide optimal fit, comfort, performance, style & durability, resulting in safer, more productive working environments.

The products include jackets, trousers, sleeves, aprons & gaiters, all ideal for every welding application for the professional welder.



ISO EN 11612  
Flame Retardance



ISO EN 11611  
level 1 and 2



### Welding Jackets

The ESAB Proban/leather jackets are designed for maximum comfort and safety. The sleeves and shoulders are made in durable grade A leather to withstand the exposure to welding spatter. The front and back is made from flame retardant Proban material. The garment feature concealed inner pockets, adjustable sleeves and a stand up collar. Kevlar stitched.

ESAB Proban/Leather welding jacket, M	<b>0700 010 301</b>
ESAB Proban/Leather welding jacket, L	<b>0700 010 302</b>
ESAB Proban/Leather welding jacket, XL	<b>0700 010 303</b>
ESAB Proban/Leather welding jacket, XXL	<b>0700 010 304</b>
ESAB Proban/Leather welding jacket, 3XL	<b>0700 010 386</b>
ESAB Proban/Leather welding jacket, 4XL	<b>0700 010 387</b>



### Welding Trousers

The ESAB Proban/Leather trousers are designed for maximum comfort and safety. The front of the legs are reinforced with leather to withstand the spatter and welding sparks. Kevlar stitched.

ESAB Proban/Leather welding trousers, M	<b>0700 010 333</b>
ESAB Proban/Leather welding trousers, L	<b>0700 010 334</b>
ESAB Proban/Leather welding trousers, XL	<b>0700 010 335</b>
ESAB Proban/Leather welding trousers, XXL	<b>0700 010 336</b>

# Welding Clothing/Leather



## Welding jacket Combination

The front of welding jacket Combi is made of leather to give the best protection against heat and welding spatter. To reduce the weight of the garment the back is made of Proban material. The standing collar gives protection against welding spatter. Adjustable cuffs.

Welding jacket Combi, size M	<b>0700 010 271</b>
Welding jacket Combi, size L	<b>0700 010 272</b>
Welding jacket Combi, size XL	<b>0700 010 273</b>
Welding jacket Combi, size XXL	<b>0700 010 274</b>



## Welding Jacket

ESAB Welding jackets are made of high quality leather. The front is reinforced in order to withstand mechanical and thermal stress.

The jacket is stitched with Kevlar thread, features stand up collar and inside pocket with adjustable wrists.

Welding Jacket M	<b>0700 010 266</b>
Welding Jacket L	<b>0700 010 002</b>
Welding Jacket XL	<b>0700 010 003</b>
Welding Jacket XXL	<b>0700 010 267</b>



## Welding Aprons

The ESAB protective aprons distribute the weight effectively. They are Kevlar stitched and 107cm long.

ESAB Apron	<b>0700 010 007</b>
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## Leather Gaiters

Leather gaiters to protect the footwear during welding. The gaiters are fastened using velcro.

Leather gaiters	<b>0700 010 008</b>
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## Welding Sleeve

Chrome leather sleeves with a total length of 47cm. Equipped with elasticated cuff and velcro arm fastening.

Welding sleeve Pk 2	<b>0000 595 039</b>
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# Welding Clothing

## Clothing and Workwear

Whatever your welding clothing requirements, ESAB can offer you a high performance range of welding garments suitable for any welding environment. With a great choice of traditional leather or high specification, Phoenix FR® inherently flame retardant fabrics, ESAB's product experts have developed a superior range of multi-risk garments to meet the demands of the welder.

### New Phoenix FR®

ESAB is proud to introduce the very latest technology in inherent flame retardant garments. In many industries workers face a complex mix of safety hazards, yet most protective fabrics protect from one or two hazards only. For this reason, employers in the past have been forced to compromise on safety. Not any more.



Phoenix FR® is proven to protect from flame, weld spatter, heat and electric arc explosion. Its' unique molecular structure means that the flame-resistant properties are inherent and therefore, permanent. This technology is the result of a four year development programme and ensures that all our Phoenix FR® range exceed the very latest ISO international standards.



EN ISO 11612:2008 (A1, B1 and C1)  
Protective clothing against heat



EN 1149-5:2008  
EN 1149-3:2004  
Electrostatic properties



EN ISO 11611:2007 (class 1 A1)  
Protective clothing for welding



EN 340  
Protective clothing general lining

# Welding Clothing



## Flame Resistant Welding Clothing



### Welding Jacket FR

The ESAB Black & yellow Welders Jacket has been designed to give maximum performance, yet offer extreme comfort & durability. The Garment is made from high performance Phoenix-FR fabric which is inherently flame retardant. The coverall features adjustable sleeves, two top pockets and concealed Zip front. This garment is fully CE approved to EN ISO11612 FR, ISO 11611 Welding, EN1149-5 Anti Static & EN61488 Arc protection. Sizes Small to XX-Large.

ESAB FR Welding Jacket, S	<b>0700 010 358</b>
ESAB FR Welding Jacket, M	<b>0700 010 359</b>
ESAB FR Welding Jacket, L	<b>0700 010 360</b>
ESAB FR Welding Jacket, XL	<b>0700 010 361</b>
ESAB FR Welding Jacket, XXL	<b>0700 010 362</b>



### FR Welding Trousers

The ESAB Black & yellow Welders trousers has been designed to give maximum performance, yet offer extreme comfort & durability and compliment the FR welding Jacket. The Garment is made from high performance Phoenix-FR fabric which is inherently flame retardant. The trousers features elasticated waist with Belt loops, two side access pockets and two back pockets. This garment is fully CE approved to EN ISO11612 FR, ISO 11611 Welding, EN1149-5 Anti Static & EN61488 Arc protection. Sizes Small to XX-Large.

ESAB FR Welding Trousers, S	<b>0700 010 363</b>
ESAB FR Welding Trousers, M	<b>0700 010 364</b>
ESAB FR Welding Trousers, L	<b>0700 010 365</b>
ESAB FR Welding Trousers, XL	<b>0700 010 366</b>
ESAB FR Welding Trousers, XXL	<b>0700 010 367</b>
ESAB Overall Knee Pads	<b>0700 010 352</b>

# Welding Clothing/Flame Resistant



## ESAB Coverall

The ESAB Black and Yellow coverall has been designed to give the welder maximum protection and comfort. The garment is made from an INDURA ULTRA SOFT material, which is inherently flame retardant. The coverall features an elasticated waist for better comfort and fit, adjustable sleeves and legs, and a covered/protected zipper. The neck is protected by the stand up collar and knee pads can be fitted.

ESAB welders coverall, size S	<b>0700 010 328</b>
ESAB welders coverall, size M	<b>0700 010 329</b>
ESAB welders coverall, size L	<b>0700 010 330</b>
ESAB welders coverall, size XL	<b>0700 010 331</b>
ESAB welders coverall, size XXL	<b>0700 010 332</b>

## ESAB overall Knee Pads

ESAB Overall optional knee pads.

ESAB Overall Knee Pads (1 pair/pack)	<b>0700 010 352</b>
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## Size guide - FR protective clothing

FR Welding Jacket	0700 010 358	0700 010 359	0700 010 360	0700 010 361	0700 010 362
FR Welding Trousers	0700 010 363	0700 010 364	0700 010 365	0700 010 366	0700 010 367
FR Coverall	0700 010 328	0700 010 329	0700 010 330	0700 010 331	0700 010 332
Size	S	M	L	XL	XXL
Chest width, cm	94-98	98-102	106-110	110-114	118-123
Waist width, cm	74-78	78-82	86-90	90-94	94-98



# Welding Clothing/Flame Resistant



## ESAB FR Fleece

ESAB Phoenix-FR Black Flame retardant, anti-static, welders Fleece. Featuring, Zip front with contrasting plackett, two side pockets and one internal zip. Conforms to EN ISO11612 FR, ISO11611 Welding, EN1149-5 Anti Static. Sizes Small to XX-Large.

ESAB FR Fleece, S	0700 010 368
ESAB FR Fleece, M	0700 010 369
ESAB FR Fleece, L	0700 010 370
ESAB FR Fleece, XL	0700 010 371
ESAB FR Fleece, XXL	0700 010 372



## ESAB FR Jersey

ESAB Phoenix-FR Black Flame retardant, anti static, welders Jersey polo Shirt. Featuring, Zip front with contrasting plackett, Unique ESAB Contrasting ribbed Collar. Conforms to EN ISO11612 FR, ISO11611 Welding, EN1149-5 Anti Static. Sizes Small to XX-Large.

ESAB FR Jersey, S	0700 010 373
ESAB FR Jersey, M	0700 010 374
ESAB FR Jersey, L	0700 010 375
ESAB FR Jersey, XL	0700 010 376
ESAB FR Jersey, XXL	0700 010 377



## ESAB FR Jumper

ESAB Phoenix-FR Flame retardant, anti static, welders Jumper. Conforms to EN ISO11612 FR, ISO11611 Welding, EN1149-5 and is Anti Static. Sizes Small to XX-Large.

ESAB FR Jumper, S	0700 010 378
ESAB FR Jumper, M	0700 010 379
ESAB FR Jumper, L	0700 010 380
ESAB FR Jumper, XL	0700 010 381
ESAB FR Jumper, XXL	0700 010 382

# Flame proof protective clothing



## Welding Coveralls (Flame Retardant)

The ESAB navy fire retardant 100% cotton coverall comes with 2 chest pockets a ruler pocket and has concealed stud fastenings. Conforms to EN 531, EN 470-1 & EN 533.

ESAB Proban coverall, M (chest 99-104 cm)	<b>0700 010 038</b>
ESAB Proban coverall, L (chest 107-112 cm)	<b>0700 010 039</b>
ESAB Proban coverall, XL (chest 117-122 cm)	<b>0700 010 040</b>
ESAB Proban coverall, XXL (chest 124-127 cm)	<b>0700 010 041</b>

## Size guide - FR protective clothing

FR Fleece	0700 010 368	0700 010 369	0700 010 370	0700 010 371	0700 010 372
FR Jersey	0700 010 373	0700 010 374	0700 010 375	0700 010 376	0700 010 377
FR Jumper	0700 010 378	0700 010 379	0700 010 380	0700 010 381	0700 010 382
Proban coverall	-	0700 010 038	0700 010 039	0700 010 040	0700 010 041
Size	S	M	L	XL	XXL
Chest width, cm	94-98	98-102	106-110	110-114	118-123
Waist width, cm	74-78	78-82	86-90	90-94	94-98

# Head Protection



## Proban Hood

Flame resistant head protection which cover not only the head but also the neck, nape and shoulders.

Proban hood

**0000 593 269**



## Leather Head and Chest Protection

These two pieces of leather material, offer protection to the head, neck and chest area. They are ideal for welding in areas where all round protection is needed, to protect against sparks, spatter and any other air born particles from the welding environment. They are split into two pieces. One piece is covering the chest area, whilst the other piece is covering the head and neck area at the back of the helmet. They can easily be adapted to the Origo-Tech, New-Tech, Eye-Tech & Eye-Tech II welding helmets.

Leather Chest Protection

**0700 000 062**

Leather Head/Neck Protection

**0700 000 063**



## Balaclava

The balaclava is worn underneath the welding helmet to give you full head protection when working in a cold environment. The balaclava is flame resistant, 100% zirpro treated wool, 385 gr/m<sup>2</sup> EN531.

Balaclava

**0700 010 269**



## Insulated Helmet Liner

The insulated helmet liner is worn underneath the welding helmet to offer protection from the elements when working in a cold environment.

Insulated helmet liner

**0000 904 378**

# Welding Gloves

## Glove EN standards and materials

**CE labelling – Risk Class –  
Categorising Personal Protective  
Equipment (PPE),  
EU Directive 89/686/EF.**

The intention of this directive is to ensure that all PPE sold in Europe corresponds to the relevant EN standards. This will secure a generally identical quality standard throughout Europe. Products that meet the requirements in one or more standards must be branded with the CE logo.

**Category 1, Simple Design:**

These products protect against minimal risks and can only be used where any risk increases gradually and can be easily identified by the user in advance. The CE labelling consists of only the CE mark.

**Category 2, Intermediate Design:**

The products are tested and technically approved by an authorised test institute. The institute also examines the manufacturers technical documentation to establish that the product is produced in accordance with the relevant EN standard. The CE labelling consists of the CE mark, the test institute approval number, year of first time approval, pictograms and test performance.



**EN 388:2003 - Protection against  
mechanical damage**

**Character**

a) Abrasion resistance	1 – 4
b) Blade Cut resistance	1 – 5
c) Tear resistance	1 – 4
d) Puncture resistance	1 – 4



**EN 407:2004 - Welding gloves  
Thermal resistance**

**Character**

a) Burning behaviour	1 – 4
b) Contact heat	1 – 4
c) Convective heat	1 – 4
d) Small splashes of molten metal	1 – 4
f) Large splashes of molten metals	1 – 4



**EN 420 - general requirements for most protective  
gloves as**

- Product and packaging information and labelling
- Care and maintenance
- Size
- The product itself must present no risk to users (requirements concerning chromium content and pH)
- Storage of the products

# Welding Gloves

TTest Criteria	Standard	Minimum performance required		Maximum performance achievable
		A	B	
Abrasion resistance	EN 388	2	1	4
Blade cut resistance	EN 388	1	1	5
Tear resistance	EN 388	2	1	4
Puncture resistance	EN 388	2	1	4
Burning behaviour	EN 407	3	2	4
Contact heat	EN 407	1	1	4
Convective heat	EN 407	2	n/a	4
Small splashes of molten metal	EN 407	3	2	4
Dexterity	EN 420	1	4	5

## Leather quality

Finding the right quality leather to meet the exacting requirements of the welding professional requires experience. ESAB have extensive knowledge and experience with tanning and finishing – important processes that determine the final quality of the leather. It is these processes that give the leather its qualities in relation to strength, softness and flexibility.

The upper skin is called “grain” and the inner skin is called “split” Grain leather is soft, durable, wear resistant and tolerates some water. It can also withstand heat up to 80°C. Split leather is porous and will therefore absorb humidity more easily than grain leather. Its naturally rough surface gives good grip properties. The thickness depends on how the skin is cut and whether it is cut in one or two layers. Without special treatment, split leather can resist heat up to 100°C.

## Ox Leather

A wear resistant grain leather which tolerates water. The leather is often thick, which in addition to its wear resistant properties makes it suitable for use in working gloves that must tolerate rough use. It also gives good protection against heat.

## Pig Leather

The surface of the leather is relatively porous which makes the breathability of the glove better than most other leathers. Pig leather is also softer.

## Goat Leather

Goat leather is the longest lasting leather. Natural lanolin content makes goat leather extremely flexible. It also has very good wear resistance. Strength and flexibility make this leather very suitable for work where good finger feel and dexterity is required.



# Welding Gloves

ESAB has developed special welding gloves for MIG/MAG and MMA welding, in thicker leather and lining, for better resistance to radiated heat. During TIG welding there is greater demand for smoothness and finger tip control. ESAB offers a full range of welding gloves and hand protection.



## Welding Gloves MIG/MAG/MMA



### ESAB Curved MIG Glove



These superior new welding gloves from ESAB offer a whole new approach to fit, form and function. Ergonomically designed to fit the natural curve of the hand, offering increased quality & comfort to the wearer. The MIG glove is made from heavy & fine cut leather, and is lined from hand to cuff. With the curved design the glove fits the hand perfectly, and also has a flexible wrist area which reduces friction. With welted seams, kevlar stitching & reinforced thumb, the glove is very strong and offers a very high level of protection to the wearer.

ESAB Curved MIG M	0700 005 038
ESAB Curved MIG L	0700 005 043
ESAB Curved MIG XL	0700 005 040
ESAB Curved MIG XXL	0700 005 039

# Welding Gloves



## Welding glove Heavy-duty Regular

A sturdy welding glove 1.3 mm thick split leather with extra wear and heat resistance. Reinforced seams stitched with heat resistant Kevlar thread. Shaped and reinforced thumb for optimum wear and sensitivity when welding. CE approved, category 2, according to EN 388 (3-1-4-3), EN 12477A and EN 407 (4-1-4-X-4-X).

Welding glove Heavy-duty Regular size 9, pack 6 pairs **0700 005 008**



## Heavy-duty EXL



A welding glove made of cow-split and grain leather with a padded back to withstand high reflective heat. The threefold KEVLAR seam ensures that the glove can resist hard mechanical stress. The thumb is reinforced. Cat. 2.

Heavy duty EXL L Pk 6 pairs  
Heavy duty EXL XL Pk 6 pairs

**0700 005 009**  
**0700 005 029**



## Heavy-duty Black



A welding glove made of black, strong cow-grain leather. High dexterity with KEVLAR stitching ensures that the glove can resist hard mechanical stress. Fully welted, CE approved. Cat. 2.

Heavy-duty Black Pk 6 pairs

**0467 222 007**

## Work gloves



## ESAB Heavy Duty Worker

A hard-wearing work glove made of selected cow-grain leather with a cotton lining for comfort. The rubber-reinforced cuff provides extra protection and the wing thumb is angled. Cat. 2.

Heavy Duty Worker Pk 6 pairs

**0700 005 011**

# Welding Gloves

## Welding Gloves TIG



### ESAB Curved TIG Glove

These superior new welding gloves from ESAB offer a whole new approach to fit, form and function. Ergonomically designed to fit the natural curve of the hand, offering increased quality & comfort to the wearer. The TIG glove is made from thin high quality leather, with improved fit for higher dexterity. The glove is highly durable, with welted seams & kevlar stitching. The glove is also extremely light weight, which increases the comfort to the wearer.

ESAB Curved TIG Gauntlet M	0700 005 036
ESAB Curved TIG Gauntlet L	0700 005 041
ESAB Curved TIG Gauntlet XL	0700 005 042
ESAB Curved TIG Gauntlet XXL	0700 005 037



### TIG SuperSoft

Exclusive TIG-welding glove made of goatskin with seams KEVLAR stitched seams. The gun cut straight thumb makes it easy to grip different objects. The leather cuff is 13cm long and the absence of an index finger seam increases the flexibility. The dexterity is extremely good. Fully welted. Cat. 2.

TIG SuperSoft Pk 6 pairs	0700 005 006
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### TIG Professional

A quality TIG gauntlet with a reinforced thumb and 13cm long leather cuff. The palm is fully lined for increased comfort and protection. Cat. 2.

TIG Professional Pk 6 pairs	0701 415 963
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### TIG Basic

A light weight, traditional TIG gauntlet. Cat. 1, simple design.

TIG Basic Pk 6 pairs	0700 653 532
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# Welding Gloves

## Welding Gloves Heat Resistant



### Aluminised Hand Shield

Woven Kevlar Aluminised Welders hand shield for use in conjunction with welding gauntlets, to give added protection from radiant heat and general heat stress. Aluminised Kevlar is bonded and Stitched onto a 1.2mm cow split leather which is elasticated to fit all hand sizes.

Aluminised Hand Shield

**0700 010 009**



### Heavy Duty Aluminium 250°C

A high temperature addition to the range. Featuring unique aluminised woven Kevlar back capable of withstanding a radiant heat of up to 1000°C with a heavy duty 1.3mm ceramic fibre supported leather palm capable of Contact palm heat up to 250°C. The glove features wing thumb, fully welted seams, Kevlar stitched with a heavy duty FR drill cotton liner which features a Thermolate treatment to the palm. The aluminium reflects all thermal radiation away from the user. CE approved to EN12477 & EN388 Cat 2.

Heavy Duty Aluminium 250°C Pk 6 pairs

**0700 005 010**



### Heavy Duty Aluminium 1500°C

An ultra high temperature 500°C welding gauntlet featuring: unique aluminised woven Kevlar back capable of withstanding 1000°C, with a heavy duty 1.3mm ceramic fibre supported leather palm capable of Contact heat up to 500°C. The glove features wing thumb, fully welted seams, full Kevlar stitching with a heavy duty cotton jersey liner which features a shearwater treatment to the palm. The aluminium reflects all thermal radiation away from the user. CE approved to EN12477 & EN388 Cat 2.



Heavy Duty Aluminium 1500°C Pk 6 pairs

**0700 005 045**

# Safety Footwear

ESAB safety shoes and boots are specially developed for the welder. Made of leather to give the best durability against welding spatter and heat. The tongue is designed to prevent welding sparks entering the shoe. If this should still happen, the shoes can be quickly removed because there are no laces. All ESAB Safety shoes for welding are approved according to EN 345 to the highest protection class S3.

## Key to safety classes and symbols:

- SB** Safety class Basic according to EN 345 (Lowest protection class, not recommended by ESAB)
- S1** Safety class 1 (Antistatic properties and energy absorbent heel) according to EN 345
- S2** Safety class 2 (Antistatic properties, energy absorbent heel and water repellent upper)
- S3** Safety class 3 (Antistatic properties, energy absorbent heel, water repellent upper, toecap and sole puncture protection) according to EN 345
-  Antistatic properties
- DD** The double density means that the inner sole is made of an advanced impact absorbent material with reinforced arch. The outer sole is made of a non-slip material.
-  Toe cap and sole puncture protection

Welding shoe Safety ankle boot is CE approved to the highest protection class S3, but feels as comfortable as normal work shoes. Soft microfibre lining gives good fit and heat dissipation. Sizes 40-46.

A thick tongue prevents welding sparks entering the shoe.

Hook and eye closure makes the shoe easy to put on and remove. Smooth design makes it difficult for welding spatter to stick and burn holes. The upper is also water repellent.

Special toe protection can withstand impact of at least 200 J and has a crushing resistance of at least 15 kN.

Safety shoes must always be comfortable and have a long service life. ESAB solves this by using a DD sole (double density sole). A sole of this type consists of two different materials. The foot bed is anatomically formed and has a reinforced arch for greatest possible comfort. The design also reduces the risk of sprains. The sole is made of a very hard wearing, non-slip and oil resistant material, which gives a very long life. The sole can withstand temperatures up to 170°C.

All seams are stitched with Nomex® thread which is flame proof and the highest quality. Exposed seams have been reinforced with rivets to give the shoes a long service life.





# Safety Footwear



## ESAB Safety Ankle Boot



Offers protection according to S3, and it prevents weld spatter from falling into the shoe. The special microfibre soft lining makes it very comfortable to wear. The boot is water and oil resistant and the seam is reinforced with rivets for maximum durability. The front is folded and fastened with velcro to give a flat and protected upper. The dual density sole offers a soft upper part with front and back 'bumpers' and arch support, whilst the part in direct contact with the ground offers extremely high slip resistance. The shoe is equipped with shock absorption and the TF system to prevent ankle spraining risks, also the sole is heat resistant up to 170°C. They have an elasticated gusset for wide fitting feet with Nomex® treads and high slip resistant soles.

ESAB ankle boot, size 6 <sup>1</sup> / <sub>2</sub> (40)	<b>0700 010 188</b>
ESAB ankle boot, size 7 (41)	<b>0700 010 189</b>
ESAB ankle boot, size 8 (42)	<b>0700 010 190</b>
ESAB ankle boot, size 9 (43)	<b>0700 010 191</b>
ESAB ankle boot, size 10 (44)	<b>0700 010 192</b>
ESAB ankle boot, size 10 <sup>1</sup> / <sub>2</sub> (45)	<b>0700 010 193</b>
ESAB ankle boot, size 11 (46)	<b>0700 010 219</b>



## ESAB Safety Rigger Boot



Offers protection according to S3 and the high upper gives full protection to the shin and prevents weld spatter from falling into the boot. The boot is equipped with leather pull loops at the top, making the boot easy to slip on. The boot is water and oil resistant and the seam is reinforced with rivets for maximum durability. The dual density sole offers a soft upper part with front and back 'bumpers' and arch support, whilst the part in direct contact with the ground offers extremely high slip resistance. The shoe is equipped with shock absorption and the TF system to prevent ankle spraining risks, also the sole is heat resistant up to 170°C. They have an elasticated gusset for wide fitting feet with Nomex® treads and high slip resistant soles.

ESAB rigger boot, size 6 <sup>1</sup> / <sub>2</sub> (40)	<b>0700 010 194</b>
ESAB rigger boot, size 7 (41)	<b>0700 010 195</b>
ESAB rigger boot, size 8 (42)	<b>0700 010 196</b>
ESAB rigger boot, size 9 (43)	<b>0700 010 197</b>
ESAB rigger boot, size 10 (44)	<b>0700 010 198</b>
ESAB rigger boot, size 10 <sup>1</sup> / <sub>2</sub> (45)	<b>0700 010 199</b>
ESAB rigger boot, size 11 (46)	<b>0700 010 220</b>



# ***Welding Tools and Accessories***

A range of quality tools and accessories for welding, cutting and general engineering applications offering everything from cable connectors to high specification electrode drying ovens. All our welding tools and accessories conform to the relevant EU legislation and standards.



## Welding Cable, <HAR> H01N2-D

ESAB welding cable is of the highest quality and has top-class performance characteristics. This cable is approved in accordance with international standards and it is harmonised <HAR>. The cable is extremely resistant to light, chemicals and mechanical damage and it maintains its flexibility even when used in a cool environment.

Sectional area 16mm <sup>2</sup> sold per 50m coils	<b>0190 429 801</b>
Sectional area 25mm <sup>2</sup> sold per 50m coils	<b>0262 613 601</b>
Sectional area 35mm <sup>2</sup> sold per 50m coils	<b>0262 613 602</b>
Sectional area 50mm <sup>2</sup> sold per 50m coils	<b>0262 613 606</b>
Sectional area 70mm <sup>2</sup> sold per 50m coils	<b>0262 613 603</b>
Sectional area 95mm <sup>2</sup> sold per 50m coils	<b>0262 613 604</b>
Sectional area 120mm <sup>2</sup> sold per 25m coils	<b>0262 613 605</b>

Sectional area 16 mm <sup>2</sup> sold per 500m coils	<b>0700 006 050</b>
Sectional area 25 mm <sup>2</sup> sold per 500m coils	<b>0700 006 051</b>
Sectional area 35 mm <sup>2</sup> sold per 500m coils	<b>0700 006 052</b>
Sectional area 50 mm <sup>2</sup> sold per 500m coils	<b>0700 006 053</b>
Sectional area 70 mm <sup>2</sup> sold per 500m coils	<b>0700 006 054</b>
Sectional area 95 mm <sup>2</sup> sold per 500m coils	<b>0700 006 055</b>
Sectional area 120 mm <sup>2</sup> sold per 500m coils	<b>0700 006 056</b>

Cable terminal 95mm <sup>2</sup> , pack of 3	<b>0701 380 050</b>
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Nominal cross sectional area of conductor	Maximum diameter of wires in conductor	Nominal thickness of insulation	Approximate overall diameter	Approximate weight	Maximum conductor resistance at temperature 20 °C	Load Carrying Capacity - 10 minutes			D.C. Voltage Drop per 100 A per 1m of Cable at:		
mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km	60%	35%	20%	20°C	60°C	85°C
16	0,21	2,00	8,90	197	1,210	133	144	167	1,240	1,430	1,560
25	0,21	2,00	10,10	281	0,780	182	203	244	0,795	0,920	0,998
35	0,21	2,00	11,40	379	0,554	233	268	324	0,565	0,654	0,709
50	0,21	2,20	13,20	530	0,386	303	356	439	0,393	0,455	0,493
70	0,21	2,40	15,30	735	0,272	307	400	578	0,277	0,321	0,348
95	0,21	2,60	17,50	955	0,206	478	582	734	0,210	0,243	0,264
120	0,51	2,80	19,70	1213	0,161	564	692	880	0,164	0,190	0,206

### Technical data

Core:

Core insulation outer casing:

Colour outer casing:

Marking outer casing:

Test voltage at 50Hz:

Ambient temperature at operation, max:

Ambient temperature static installation, min:

Lowest temperature at installation, min:

Short circuit temperature, max:

Minimum bend radius:

Certified and tested according to:

- Flame propagation class

- International standard

Extra fine strand around annealed copper wire

Flameproof and oil resistant

Black

Area mm<sup>2</sup>, H01N2-D and the symbol <HAR>

1000V

+85°C

-40°C

-25°Cw

250°C

15 x cable outer diameter

EN/IEC 60332-1-2:2004

HD 22.6

# Connectors & Electrode Holders



OKC 25 = Diameter 10 mm  
OKC 50 = Diameter 13 mm



## OKC Cable Connection

A new generation of CE-approved, fully insulated cable connections with neoprene rubber. Bayonet-type connection which locks firmly to provide safe and effective contact. The cable is fixed into a socket with two Allen screws.

OKC male 10-25mm <sup>2</sup> ESAB	<b>0160 360 880</b>
OKC male 35-50mm <sup>2</sup> ESAB	<b>0160 360 881</b>
OKC male 70-95mm <sup>2</sup> ESAB	<b>0160 360 882</b>
OKC male 120mm <sup>2</sup> ESAB	<b>0160 360 883</b>

OKC female 10-25mm <sup>2</sup> ESAB	<b>0160 361 880</b>
OKC female 35-50mm <sup>2</sup> ESAB	<b>0160 361 881</b>
OKC female 70-95mm <sup>2</sup> ESAB	<b>0160 361 882</b>
OKC Adapter 25-50mm	<b>0160 361 883</b>

OKC male 10-25mm Murex (Red)	<b>0701 416 257</b>
OKC male 25-50mm Murex (Red)	<b>0701 416 258</b>
OKC male 50-95mm Murex (Red)	<b>0701 416 259</b>
OKC female 10-25mm Murex (Red)	<b>0701 416 254</b>
OKC female 25-50mm Murex (Red)	<b>0701 416 255</b>
OKC female 50-95mm Murex (Red)	<b>0701 416 256</b>

OKC Adapter 25-50mm	<b>0590 046 800</b>
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## OKC Machine Contacts & Angle Connection

The contacts should be mounted on the front panel of the machine and come in three dimensions. The angle connection is supplied as OKC 50-95 male and female.

OKC machine contact for OKC 25 Pk 4	<b>0160 362 880</b>
OKC machine contact for OKC 50/95 Pk 4	<b>0160 362 881</b>
Maskinkontakt hona OKC 120, pack 1 st	<b>0160 362 882</b>

Type 1 Angle connection, 1 male, 2 female	<b>0365 557 001</b>
Type 2 Angle connection, 2 male, 1 female	<b>0365 558 001</b>

## Electrode Holders



### Electrode Holder ESAB 200, 400 and 500

ESAB's CE-approved screw-type electrode holder offers many advantages including:

- Excellent current transfer between electrode and holder
- Two hole positions at 45 and 90 for welding in different positions
- Electrode cable held in place by two Allen screws
- All electrode holders are fully insulated to provide maximum safety

ESAB 200, 200 A (35%)	<b>0333 249 001</b>
ESAB 400, 400 A (35%)	<b>0369 849 880</b>
ESAB 500, 500 A (35%)	<b>0369 850 880</b>

# Electrode Holders



## Electrode Holder Optimus

A closed head electrode holder allowing the electrode to be fitted either horizontally or vertically. The electrode holder is made of glassfibre-reinforced plastic. All Optimus electrode holders are fully insulated.

Optimus 300, 400 A (35%)	<b>0760 001 300</b>
Optimus 400, 500 A (35%)	<b>0760 001 400</b>
Optimus 600, 600 A (35%)	<b>0760 001 600</b>



## Electrode Holder Samson

An open head electrode holder, the Samson is the 'classic' electrode tong design of electrode holder, made of a glassfibre-reinforced plastic. All Samson electrode holders are fully insulated.

Samson 300, 300 A (60%)	<b>0760 002 300</b>
Samson 400, 400 A (60%)	<b>0760 002 400</b>
Samson 500, 500 A (60%)	<b>0760 002 500</b>



## Eco Holder Handy

A 'screw type' electrode holder with a fully insulated head and handle.

Handy 200, 200 A (35%)	<b>0700 006 003</b>
Handy 300, 300 A (35%)	<b>0700 006 016</b>
Handy 400, 400 A (35%)	<b>0700 006 013</b>



## Eco Holder Confort

An open head electrode holder with a fully insulated head and handle.

Confort 200, 200 A (35%)	<b>0700 006 004</b>
Confort 300, 300 A (35%)	<b>0700 006 005</b>
Confort 400, 400 A (35%)	<b>0700 006 015</b>



## Eco Holder Prima

A closed head electrode holder with a fully insulated head and handle.

Prima 200, 200 A (35%)	<b>0700 006 006</b>
Prima 300, 300 A (35%)	<b>0700 006 007</b>
Prima 400, 400 A (35%)	<b>0700 006 014</b>



# Clamps

## Return Clamps



### MK 150, MP 200, MP 300 and MP450

The MK 150 is a fully galvanised earth clamp with a maximum opening of 50mm. The MP 200, MP 300 and MP 450 are robust earth clamps with strong gripping power for good contact. The maximum opening for the MP 200 is 50mm and 55mm and 60mm for the MP 300 and MP 450 respectively.

MK 150, 150 A (35%)	<b>0682 103 801</b>
MP 200, 200 A (35%)	<b>0367 558 880</b>
MP 300, 300 A (35%)	<b>0682 103 803</b>
MP 450, 450 A (35%)	<b>0000 419 450</b>



### Eco Clamps

An earth clamp that provides good contact with the work piece and is available in two sizes.

Eco 250, 250 A (35%)	<b>0700 006 001</b>
Eco 400, 400 A (35%)	<b>0700 006 002</b>



### Return Clamp EG 600

The EG 600 is an extremely robust earth clamp made of brass. The welding cable is attached using a hexagonal socket screw and the clamp has a maximum opening of 50mm and a maximum capacity of 600 amperes. EG 600, 600 A (35%), pack 1 st

**0160 288 001**



### Return Clamp JK3

The JK3 is a C-clamp model, galvanised and with a maximum opening of 48mm and maximum capacity of 500 amperes.

JK3, 500 A (35%)	<b>0000 103 588</b>
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# Clamps



## Magnetic Earth Clamps

Magnetic earth clamps with strong gripping power that permits attachment to any ferrous object. These clamps provide a large contact area with less overheating thanks to fewer junctions.

Magnetic earth clamp 400 A (35%)

**0000 500 415**

Magnetic earth clamp 600 A (35%)

**0000 500 416**



# Couplings & Clamps for Rotating Workpieces



## Rotatable Earth Couplings

A good connection to the workpiece is needed to obtain optimal manual or automatic welding. For rotating workpieces, an earth connection with a rotatable earth coupling is the safest choice. A range of current couplings is available. To attach the coupling to the workpiece, special clamps are available. (Please see: Return clamps for rotating workpieces).

NKK 400 - max 400 A, (1,65kg)	<b>0000 595 133</b>
NKK 600 - max 600 A, (2,2kg)	<b>0700 004 007</b>
NKK 800 - max 800 A, (2,7kg)	<b>0700 004 001</b>
NKK 1200 - max 1200 A, (4,0kg)	<b>0700 004 002</b>
NKK 2000 - max 2000 A, (7,3kg)	<b>0700 004 003</b>



## Return Clamps for Rotating Workpieces

The earth clamps K2 or PZ3 can be mounted directly on to the rotatable earth coupling to create a good contact between the work piece and the return cable. The return clamps can also be used together with the GA 800 to form a complete earth clamp that can handle high current welding on non-rotating work pieces.

GA 800 - handle connection for K2	<b>0700 004 005</b>
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K2 - clamp head for NKK 800 or 1200	<b>0700 004 004</b>
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PZ3 - pole clamp for NKK 2000	<b>0700 004 006</b>
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# Anti Spatter

## Best

### Aristo® Fluid Anti Spatter



Aristo® Fluid welding spray is the most effective welding spray on the market, which prevents welding spatter sticking. Aristo® Fluid consists of an unusually high concentration of active substances and is harmless to the environment and health. Aristo® Fluid does not evaporate and protects the whole surface from the edge of the weld and outwards. There is an aluminium reservoir inside the spray can, which stores the liquid. This means that the welder can spray at any angle (360°). In addition, the aluminium reservoir ensures that all liquid is sprayed out, unlike most normal spray cans which cannot be completely emptied. The spray uses clean air as the propellant gas, is non-toxic, non-flammable and causes no air pollution nor contributes to the greenhouse effect. Completely silicone free. Water based, free from solvents. Does not contain anything that can affect subsequent painting or galvanising. Available in a spray bottle or a 10 or 25 litre can or a 200 litre barrel.

<b>Aristo® Fluid</b> anti spatter 600 ml Pk 12	<b>0700 013 027</b>
Aristo® Fluid anti spatter 10 litre	<b>0700 013 028</b>
Aristo® Fluid anti spatter 25 litre	<b>0700 013 029</b>
Aristo® Fluid anti spatter 200 litre barrel	<b>0700 013 030</b>
Tap for 10 litre	<b>0700 014 017</b>
Tap for 25 litre	<b>0700 014 018</b>
Hand spray bottle Pk 12	<b>0000 138 408</b>

## Better

### ESAB High-Tech Anti Spatter



Combines uncompromising efficiency with active environmental and health protection. The High-Tech spray effectively prevents spatter from sticking on the work piece. The High-Tech weld-protect air-spray is absolutely non-combustible, has no toxic classification, uses no harmful gases and is safe for the skin. The propellant is compressed air, it is solvent free and gives no indirect air pollution or contribution to the greenhouse effect. It is absolutely silicon-free and water-soluble.

High Tech 400 ml Pk 12	<b>0760 025 500</b>
High Tech 10 litre	<b>0760 025 010</b>
High Tech 10 litre	<b>0760 025 025</b>
Tap for 10 litre	<b>0700 014 017</b>
Tap for 25 litre	<b>0700 014 018</b>
Hand spray bottle Pk 12	<b>0000 138 408</b>

## Good

### ESAB Eco-Tech Anti Spatter



The ESAB Eco-Tech is a high performing anti spatter spray, which is completely safe, both for the welder and environment. The propellant is compressed air, hence it is completely none-combustible. The solvent free liquid should be applied in a thin layer before welding. The Eco-Tech is water based and does not contain anything that can interfere with painting, galvanising or any other after treatments.

Eco Tech anti spatter 300 ml Pk 12	<b>0700 013 007</b>
Eco Tech anti spatter 10 litre	<b>0700 014 017</b>
Eco Tech anti spatter 10 litre	<b>0700 014 018</b>
Tap for 10 litre	<b>0700 014 017</b>
Tap for 25 litre	<b>0700 014 018</b>
Hand spray bottle Pk 12	<b>0000 138 408</b>

# Chemical Sundries & Indicators



## ESAB Jig and Tool Protection

The ESAB Jig and Tool protection prolongs the lifetime of the welding shroud and contact tip as well as giving an extremely good protection to tools and jigs. The spray dries quickly and leaves a heat resistant layer (1300°C) and it does not burn off. Hardly any spatter sticks to the surface and if it does, a gentle wipe with the glove will remove it.

ESAB Jig and Tool protection, 400 ml Pk 6

**0700 013 016**



## Clean Weld Welding Paste

Prevents spatter from sticking as it forms a heat-resistant coat. The hot gas nozzle on the welding torch should be dipped about 20-25mm into the paste for effective results. Odourless and contains no solvents, silicone or abrasive agents and is delivered in a 0.5kg metal can.

Clean Weld welding paste, net weight 0.5kg Pk 18

**0365 560 001**



## Non Destructive Testing Aerosols

The ESAB NDT testing should be used to identify cracks in a weld. The process consists of 6 steps and to perform the test a cleaner, a penetrant and a developer is required. The procedure should be as follows:

1. Use ESAB cleaner and wipe dry.
2. Spray ESAB Penetrant, leave for 15 min.
3. Wipe away the penetrant from the surface.
4. Use the cleaner in a dry cloth, wiping in one direction only. Wipe dry.
5. Shake and then spray on the developer, leave for 10 min then see results.
6. Remove the developer and dye using the cleaner.

NDT Penetrant 300 ml Aerosol Pk 12

**0700 013 018**

NDT Developer 400 m Aerosol Pk 12

**0700 013 019**

NDT Cleaner 300 ml Aerosol Pk 12

**0700 013 020**



# Chemical Sundries & Indicators



## ESAB Leak Detector

The ESAB gas leak detector can be used on the gas hoses leading from the gas cylinders or on the regulators in order to detect a gas leakage. The product is sprayed on and in case of a leakage the liquid will create bubbles. The composition does NOT contain any aggressive substances.

ESAB Leak Detector Pistol Type Pk 12

0700 013 031



## ESAB Mask Spray

The ESAB mask spray should be applied to the cover lenses in a helmet to keep them mist free and clean. 300 ml.

Mask Spray 300 ml Pk 6

0700 013 026



## Weld Marker

The ESAB weld marker marks all metal, wood, plastic, glass and hard surfaces. Low chloride colour makes it safe for marking stainless steel. Do not roll tube. Dries in five minutes.

Weld marker, white Pk 10

0700 013 003

Weld marker, yellow Pk 10

0701 415 418



## Weld Marker Kit

The weld marker kit consists of three differently coloured pens, red, green and black. The pens can be used on most types of material.

Weld marker kit

0700 013 004

# Chipping Hammers



## Pneumatic Chipping Hammer HCB

This high impact speed chipping hammer produces virtually no vibration in the hand as a result of a built-in balance system, which absorbs recoil and counteracts shaking. A range of chisels are available for the HCB, they all have a tungsten-carbide tip and offer a long service life. Narrow chisel: 15mm wide for normal de-slagging and cleaning. Wide chisel: 35mm wide for removing spatter and de-burring after gas cutting.

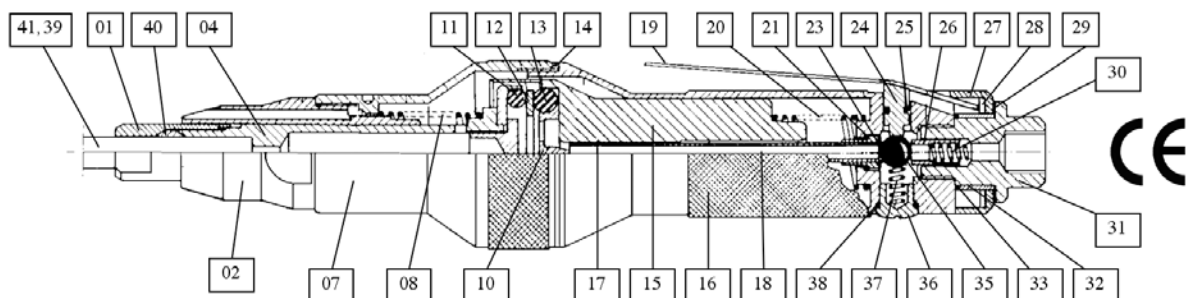
Chipping hammer HCB

**0193 305 001**

## Spares for Pneumatic Chipping Hammer HCB

1 Nut	0156 626 001	27 Cover	0156 626 023
2 Front Housing	0193 306 004	28 Washer	0156 626 024
4 Impact Piston Compl.	0156 626 004	29 Securing Ring 3/4"	0156 626 025
7 Housing	0156 626 007	30 Fjäder kort	0156 626 026
8 Spring	0156 626 008	31 Nipple	0156 626 027
10 Air Feed Valve	0193 306 012	32 Sleeve	0156 626 028
11 O-ring 29,5 x 5,7 mm	0156 626 009	33 O-ring 13,3 x 2,4 mm	0156 626 029
12 Ring Valve	0156 626 010	35 Valveball Ø 10 mm	0156 626 031
13 O-ring 25 x 8 mm	0156 626 011	36 Screw	0156 626 032
14 Locking Ring	0156 626 012	37 Spring	0156 626 026
15 Balancing Piston	0156 626 013	38 O-ring 9,3 x 2,4 mm	0156 626 033
16 Housing	0156 626 014	39 Chisel 15 x 100mm	0156 627 001
17 O-ring 4,1 x 1,6 mm	0193 306 014	39 Chisel 35 x 100mm	0156 627 002
18 Tube Compl	0156 626 015	39 Chisel 15 x 200mm	0156 627 006
19 Trigger On/Off	0156 626 016	39 Chisel 15 x 300mm	0156 627 007
20 Spring	0156 626 017	40 Clamp Ring	0156 626 034
21 O-ring 7,66 x 1,78 mm	0156 626 018	41 Noise damped chisel	0156 627 004
23 O-ring 5,3 x 2,4 mm	0156 626 019	* Chisel extension 100 mm	0156 627 005
24 Valve Piston	0156 626 020		
25 O-ring 5,1 x 1,6 mm	0156 626 021		
26 Ball Retainer	0156 626 022		

## Spares for Pneumatic Chipping Hammer HCB



# Fillet Gauges

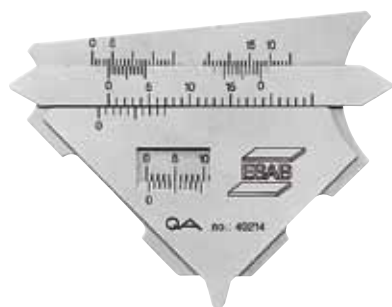


## Fillet Gauge KL-1 laser

To measure the A dimension of fillet welds. Two measurement areas: max. 7mm and max. 15mm. Complete with a leather pocket.

Fillet gauge KL-1 laser

**0000 139 931**



## Fillet Gauge KL-2 Laser

To measure the A dimension of a fillet welds, the leg (small side of a right-angled triangle) and weld reinforcement height. Complete with leather pocket.

Fillet gauge KL-2 laser

**0000 139 932**



## Weld gauge KB 12

Welding gauge for measuring a dimension of vascular welds. Measurement range 3-12 mm. Length 8 cm.

Weld gauge KB 12

**0689 000 101**



## Welding dimension Filarc

Svetsmått för noggrann mätning av a-mått på kärlsvetsar. Mätområde 3-11 mm.

Svetsmått Filarc

**0000 593 268**



## INOX Fillet Gauge

To measure the a-dimension of fillet welds and to measure the butted joint weld reinforcement height. Equipped with three scales. Measurement area 0-15mm and measurement sharpness +0,1mm.

INOX Fillet gauge

**0000 593 720**

# Small Tools



## Chipping Hammer SH2 and SH3

The SH2 chipping hammer is made of special high-quality steel, and has a user-friendly handle. The SH3 is a small hammer with a chisel and tip and steel handle with a plastic grip.

Chipping hammer SH3	<b>0683 200 001</b>
Chipping hammer SH2	<b>0000 663 000</b>



## Universal Tool

Pliers specially designed for MIG/MAG welding. Removes spatter from the nozzle, cuts the wire and the tool makes it easy to remove the contact tip and gas shroud.

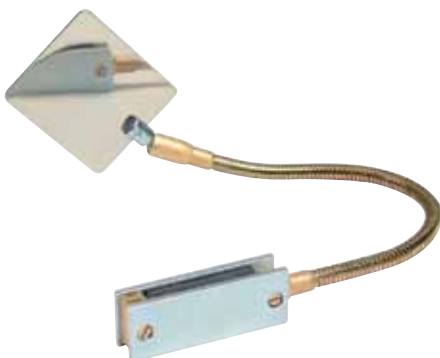
Universal Tool	<b>0000 134 716</b>
Universal Tool Mini	<b>0000 139 054</b>



## Fix Pliers

Fast effective cutting of welding wire and removal of burnt wire. Removes spatter from gas and contact nozzle and can be used for attaching and removing of contact, intermediate and gas nozzles.

Fix 1 12-15mm	<b>0760 022 100</b>
Fix 2 15-18mm	<b>0760 022 200</b>



## Inspection Mirrors

Stainless steel inspection mirror for inspecting welds.

Inspection mirror 500mm, with magnetic base	<b>0000 595 319</b>
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## MIG/MAG Gun Holder

The MIG/MAG gun holder is a simple and practical device for the convenient holding of the MIG/MAG gun when not in use. It is equipped with a magnetic foot for stability and is suitable for use with most MIG/MAG welding guns.

MIG/MAG gun holder

**0760 022 300**



## TIG Torch Holder

The TIG torch holder is a simple and practical device for the convenient holding of the TIG torch when not in use. It is equipped with a magnetic foot for stability and is suitable for use with most TIG torches.

TIG torch holder

**0760 022 400**



## Magnetic Position Holders

The powerful magnets keep the work piece in place when welding or soldering plates together at angles. The large model can support weights up to 80kg whilst the small one can support up to 45kg.

Magnetic position holder small

**0700 014 015**

Magnetic position holder large

**0700 014 016**



## Nozzle cleaning files set

Cleaning files are used for cleaning the channels in the welding and cutting nozzles. A practical set with 12 cleaning files ranging in size from Ø 0.5 – 3.0 mm. Supplied in a practical metal case.

Nozzle cleaning files set with 12 files

**G214,100,004**



# Small Tools



## Gas flow meter

To ensure that the gas flow is correct, ESAB recommends that the gas flow is measured in the MIG/MAG welding pistol or TIG burner using a separate gas flow meter. Measurement range 5-25 lit/min.

Gas flow meter 5-25 lit/min, pack of 2

**0155 716 880**



## Murex SL3 Cup Sparklighter

A standard cup type sparklighter.

SL3 Cup Sparklighter

**0701 380 220**

SL3 Flints Pk 5

**0701 380 221**



## Murex SL2 Sparklighter Pistol

A pistol type sparklighter.

SL2 Sparklighter Pistol

**0700 154 807**

Flints (SL2) Pk 100

**0700 119 695**



## Wire Brushes

Lightweight, easy-to-use steel brushes with wooden handles. Available with two, three or four rows of bristles.

Two-row mild steel brush Pk 12

**0760 024 100**

Three-row mild steel brush Pk 12

**0760 024 200**

Four-row mild steel brush Pk 12

**0760 024 300**

Murex three-row mild steel brush converging

**0700 158 228**

Two-row stainless steel brush Pk 12

**0760 024 500**

Three-row stainless steel brush Pk 12

**0760 024 600**

Four-row stainless steel brush Pk 12

**0760 024 700**



## TIGPen

The TIG PEN allows the welder to control the tip of the filler wire with great accuracy even at a long distance from the weld seam and in the process helps the welder to obtain a higher quality weld. It also eliminates waste of the filler wire. The TIG Pen can be used with any wire diameter from 1.0 to 3.2mm

TIG Pen

**0700 009 026**

# Cylinder Trolleys



## Cylinder Trolleys

All cylinder trolleys have a hardwearing red epoxy coated finish and chains to hold the cylinder upright. Large rugged wheels mean the trolley can be wheeled over the roughest ground.



### Trolley FK 240

Takes two 50 lit cylinders. Air-rubber wheels. Approved for lifting. CE-approved

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Trolley FK 240

**0349 968 528**

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### Gas bottle trolley FK 220

Gas bottle trolley FK220 is approved for two 20 litre gas bottles. It supplied either with solid rubber tyres or large pneumatic tyres. Approved for lifting CE approved.

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Gas bottle trolley FK 220 with solid rubber tyres  
for 2 x 20 lit

**0349 968 526**

Gas bottle trolley FK 220 with pneumatic rubber  
tyres for 2 x 20 lit

**0349 968 527**

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### Universal Single Trolley

Takes one standard cylinder.

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Universal Single Trolley

**0700 014 044**

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# ***Special Process Equipment***

Completing the extensive accessory portfolio from ESAB is our Special Process Equipment range, which includes tungsten grinders, gouging torches and fume extraction units. As with all our products our Special Process Equipment range conforms to all relevant EU legislation and standards.

# ESAB Drying Equipment



## PK 1 Dry-Storage Container

The PK 1 is a light and handy dry-storage container for electrodes. It is easy to carry and has a storage temperature of around 100°C. The heating element runs from the top to the bottom and the top is fully insulated.

Capacity	9kg
Storage temp. (°C)	100
Drying temp. (°C)	N/A
Voltage (V)	24/42/110/230
Output (kW)	0,1
Outer dimension (Ø/height, mm)	225/610
Inner dimension (Ø/height, mm)	100/470
Weight (kg)	6

PK 1, 24 V	<b>0000 515 063</b>
PK 1, 42 V	<b>0000 515 052</b>
PK 1, 110 V	<b>0000 515 062</b>
PK 1, 230 V	<b>0000 515 064</b>



## PK 5 Drying Equipment

The PK 5 is a combined drying and dry-storage system for most types of electrodes. The drying time at full effect is 1-7 hours depending on the type of electrode. The temperature is thermostatically controlled and ranges from 50-300°C. The electrodes should be stored in the PK 5 without packaging. The heating element runs from the top to the bottom and the top is fully insulated.

Capacity	24kg
Storage temp. (°C)	70-300
Drying temp. (°C)	N/A
Voltage (V)	110/230
Output (kW)	0,5
Outer dimension (Ø/height, mm)	345/660
Inner dimension (Ø/height, mm)	116/460
Weight (kg)	13

PK 5 drying equipment, 110 V	<b>0700 011 070</b>
PK 5 drying equipment, 230 V	<b>0000 515 075</b>



## SK 40 Dry-Storage Cabinet

The SK 40 is a dry-storage cabinet with 4 removable shelves for storing electrodes. The electrodes should be stored without packing. The cabinet is equipped with a thermometer, thermostat and control lamp. Temperature range 50-180°C.

Capacity	120kg
Storage temp. (°C)	50-180
Drying temp. (°C)	N/A
Voltage (V)	230
Output (kW)	0,7
Outer dimension (WxDxH, mm)	530 x 640 x 750
Inner dimension (WxDxH, mm)	470 x 510 x 520
Weight (kg)	55

SK 40dry-storage cabinet, 230 V	<b>0000 515 102</b>
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## PK 40 Drying Cabinet

The PK 40 is a robust cabinet for the drying and dry storage of electrodes, with space for 10 packs. The drying time is set manually at between 50 and 350°C. Dimensions 570 x 620 x 790mm. Weight 70kg.

Capacity	72kg
Drying temp. (°C)	50-350
Voltage (V)	230
Output (kW)	1,5
Outer dimension (WxDxH, mm)	570 x 620 x 790
Inner dimension (WxDxH, mm)	460 x 510 x 520
Weight (kg)	70

PK 40 drying cabinet, 230 V

**0000 515 105**



## PK 410 Drying Cabinet

The PK 410 is a robust cabinet for the drying and dry storage of electrodes. The drying temperature can be regulated between 50 and 400°C (450°C, 3-phase). The dry-storage temperature is around 150°C. The PK 410 is equipped with a control lamp, electronic thermometer and electronic thermostat. The PK 410 also has a 7-day timer. This timer makes it possible to change automatically from drying to dry storage at selected times and temperature ranges.

### 230V

Capacity	252kg
Storage temp. (°C)	50-400
Drying temp. (°C)	50-400
Voltage (V)	230
Output (kW)	3,5
Outer dimension (WxDxH, mm)	860 x 760 x 1280
Inner dimension (WxDxH, mm)	655 x 485 x 635
Weight (kg)	230

### 400V

Capacity	252kg
Storage temp. (°C)	50-400
Drying temp. (°C)	50-400
Voltage (V)	400-3
Output (kW)	4,5
Outer dimension (WxDxH, mm)	860 x 760 x 1280
Inner dimension (WxDxH, mm)	665 x 485 x 635
Weight (kg)	230

PK 410 drying cabinet, 230 V, 1-phase

**0000 515 103**

PK 410 drying cabinet, 400 V, 3-phase

**0000 515 108**

# ESAB Drying Equipment



## JS 200 Storage Silo

The JS 200 is a storage silo for welding powder (flux). The JS 200 keeps the flux dry and clean and also makes it extremely easy to handle the flux. The temperature can be adjusted between 100 and 300°C.

Capacity	200 Lt
Storage temp. (°C)	100-300
Drying temp. (°C)	N/A
Voltage (V)	230
Output (kW)	2
Outer dimension (WxDxH, mm)	510 x 570 x 1755
Weight (kg)	110

JS 200 storage silo **0000 515 090**



## JK 50 Powder Drier

The JK 50 is a container for drying and storing welding powder (flux). The JK 50 dries 50 litre flux at a maximum temperature of 500°C in around three hours. After drying, the temperature falls automatically to the pre-set dry storage temperature (150°C) within 12 hours.

Capacity	50 Lt
Storage temp. (°C)	50-250
Drying temp. (°C)	50-500
Voltage (V)	400-3
Output (kW)	3,7
Outer dimension (Ø/height, mm)	860/1600
Weight (kg)	190

JK 50, 400 V, 3-phase **0000 515 091**



## LK 10 Drying equipment for core wire

LK 10 is a robust storage cabinet for dry storage of cored wire bobbins (wire reels). There is room for two KK-1 drying cassettes in the cabinet, but in order that one drying cassette should always be dry, three drying cassettes are supplied with LK 10. The drying cassettes are then rotated according to the instruction manual. Storage temperature 20-50 °C is set using a thermostat. LK 10 is fitted with thermostat, thermometer and control lamps. The cored wire bobbins must be placed in LK 10 without packaging. Energy efficient.

Capacity (kg)	180 (10 bobbins)
Storage temperature (°C)	20-50
Mains connection (V/Phases)	230/1~
Output (kW)	0,3
External dimensions (Width x Depth x Height, mm)	720 x 535 x 1015
Internal dimensions (Width x Depth x Height, mm)	610 x 425 x 790

Storage cabinet cored wire LK 10, 230 V, 1 phase **0000 515 077**

## Spare Parts for ESAB PK1

Heating Element 24V	0700 011 001	Signal Lamp 110V	0700 011 007
Heating Element 110V	0700 011 003	Signal Lamp 230V	0700 011 008
Heating Element 230V	0700 011 004	Hinged Lid	0700 011 010
Signal Lamp 24V	0700 011 005	Knob	0700 011 011
Signal Lamp 42V	0700 011 006	Handle	0700 011 012

## Spare Parts for ESAB PK5

Heating Element	0700 011 015	Thermostat	0700 011 017
Signal Lamp	0700 011 016	Thermometer	0700 011 018

## Spare Parts for ESAB SK40

Heating element	0700 011 020	Thermostat	0700 011 023
Signal lamp red	0700 011 021	Thermometer	0700 011 024
Signal lamp green	0700 011 022		

## Spare Parts for ESAB PK40

Heating Element, Top	0700 011 071	Thermostat	0700 011 073
Heating Element, Bottom	0700 011 072	Contactor	0700 011 074

## Spare Parts for ESAB PK410

EMC-Filter	0700 011 039	Controller	0700 011 045
Heating Element, Top	0700 011 040	Sensor	0700 011 046
Heating Element, Bottom	0700 011 041	Timer	0700 011 047
Signal Lamp Green Big	0700 011 042	Contactor	0700 011 048
Signal Lamp Red Big	0700 011 043	Main Switch	0700 011 049
Signal Lamp Red, Small	0700 011 044	Auto-Manual Switch	0700 011 050

## Spare Parts for ESAB JS200

Heating Element	0700 011 030	Thermostat	0700 011 032
Signal Lamp	0700 011 031	Thermometer	0700 011 033

## Spare Parts for JK50

Heating element	0700 011 082
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# Tungsten Grinders



## G-Tech Handy

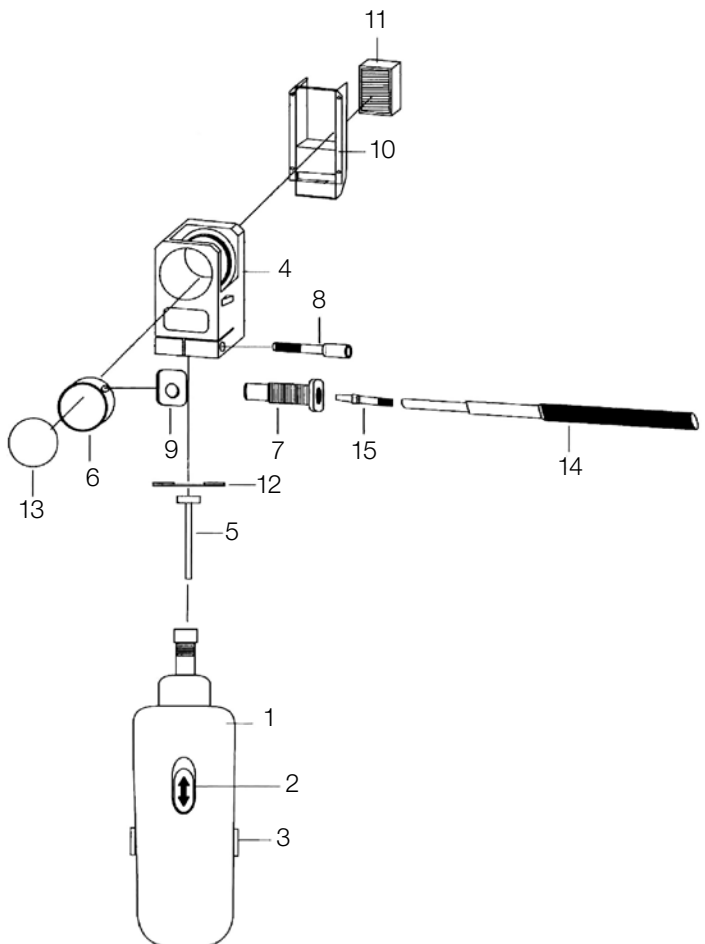
G-Tech Handy is a simple and easy to use grinding machine for wolfram electrodes. It can be used for electrode dimensions from 1.0 to 4.0 mm electrodes, is equipped with a dust filter and has an adjustable speed control. Weight 2.8 kg. G-Tech Handy is supplied in a portable hard plastic box.

G-Tech Handy, 230 V, 50 Hz

**0700 009 883**

## Replacement parts and accessories G-Tech Handy

1	Motor 230 V	<b>0700 009 041</b>
2	Control On/Off	<b>0700 009 042</b>
3	Carbon brush	<b>0700 009 044</b>
4	Grinding head	<b>0700 009 045</b>
5	Spindle	<b>0700 009 046</b>
6	Grinding chamber	<b>0700 009 047</b>
7	Guide electrode hole	<b>0700 009 048</b>
8	Allen screw	<b>0700 009 049</b>
9	Grinding angle scale	<b>0700 009 051</b>
10	Filter cover	<b>0700 009 053</b>
11	Filter insert	<b>0700 009 029</b>
12	Diamond disc	<b>0700 009 028</b>
13	Sight glass + seal	<b>0700 009 037</b>
14	Electrode holder	<b>0700 009 030</b>
15	Electrode nozzle 1.0mm	<b>0700 009 034</b>
15	Electrode nozzle 1.6mm	<b>0700 009 031</b>
15	Electrode nozzle 2.0mm	<b>0700 009 035</b>
15	Electrode nozzle 2.4mm	<b>0700 009 032</b>
15	Electrode nozzle 3.2mm	<b>0700 009 033</b>
15	Electrode nozzle 4.0mm	<b>0700 009 036</b>
*	Case (not shown)	<b>0700 009 061</b>



# Tungsten Grinders



## G-Tech Handy II

The G-Tech Handy II is a portable enclosed Tungsten Electrode grinder, which is easy to operate. The Tungsten electrode can be ground without using a holder or tool. The grinding head can be adjusted in three different positions: 0, 1 and 2. In each position another part of the grinding disc will be used, and both sides of the disc can be utilised, giving extended use and reduced cost.

The G-Tech Handy II features a multifunctional cover, which allows the electrode to be ground in a 90° angle. The machine is prepared for fixing to a table using the accessories included.

The G-Tech Handy II is delivered complete for grinding of tungsten electrodes in the dimension of 1,6 – 2,0 - 2,4 - 3,2 mm. A head for grinding of 1,0 – 4,0 – 4,8 – 6,0 mm electrodes can be supplied as an option.

The G-Tech Handy II features:

Ergonomic Design & Lightweight

Adjustable Grinding Angles (20°-60°)

Double Sided Grinding Disc – Coated with Diamante Powder

Allows Exact Repetition of Longitudinal Grinding

Can be Connected to a Vacuum Cleaner

Option: Orbital-Set for Grinding of Short Tungsten-Electrodes with a length up to 15mm Max

G-Tech Handy II Complete 240V/50Hz

**0700 009 886**

G-Tech Handy II complete US version with 120V/50Hz

**0700 009 067**

## Spares for G-Tech Handy II

- 1 Grinding Disc
- 2 Second Head for Diameters  
1, 0/4, 0/4, 8/6, 0mm Red
- 3 Replacement Head for Diameters  
1, 6/2, 0/2, 4/3, 2mm Black
- 4 Solid Metal Box 'ESAB'
- 5 Orbital set for Grinding of Short  
Tungsten Electrodes
- 6 Clamp Holder 'Spannfix' Size I (85mm)

**0700 009 068** Spares for G-Tech Handy II

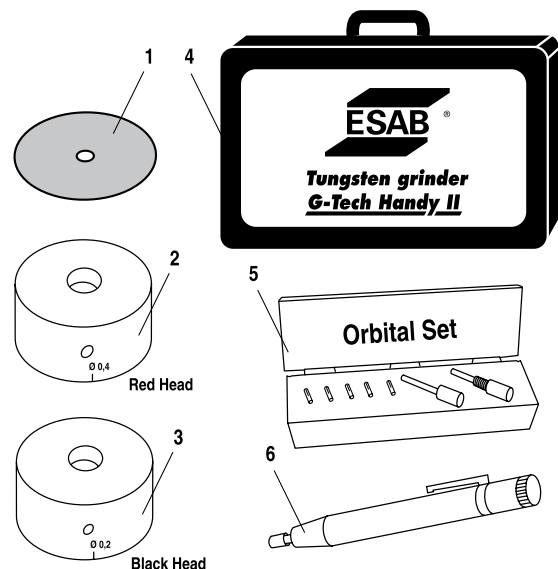
**0700 009 069**

**0700 009 070**

**0700 009 073**

**0700 009 071**

**0700 009 072**





# Elektrodslipar



## G-Tech

The ESAB G-Tech is a tungsten-electrode grinder with a unique enclosed wet-grinding system. A wet grinding system is the most effective protection from thoriated tungsten grinding dust. All dust is collected in the liquid and the risk of oxidation of the electrode is reduced. The grinding angle can be adjusted and the tip can be ground in a 90 degrees angle to make it less pointed. The small table seen in the picture is not included and is not available from ESAB.

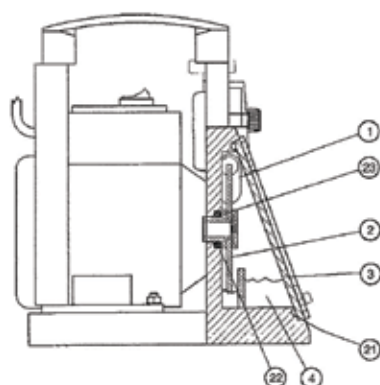
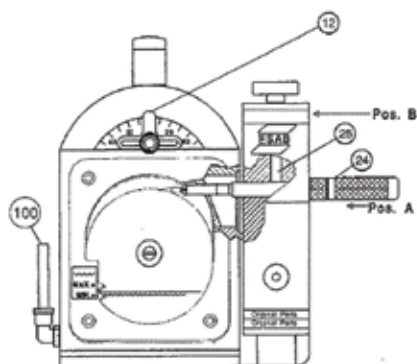
Delivery contents: Supplied complete with diamond disc and accessory box, containing electrode holder, electrode nozzle Ø 1.0, 1.6, 2.4, 3.2 and 4.0 mm, G-Tech liquid 250 ml, return bottle.

G-Tech 230V, 50Hz  
G Tech 115V 50Hz (UK)

**0700 009 880**  
**0700 009 881**

## Spares for G-Tech

### Spares for G-Tech



1	Gasket Pk 2	<b>0700 009 001</b>
2	Diamond Disc, G-Tech (inc nut)	<b>0700 009 002</b>
4	Liquid 250 ml	<b>0700 009 004</b>
*	Return Bottle 250 ml	<b>0700 009 005</b>
7-11	Collet Body 1,0 mm Pk 2	<b>0700 009 007</b>
7-11	Collet Body 1,6 mm Pk 2	<b>0700 009 008</b>
7-11	Collet Body 2,0 mm Pk 2	<b>0700 009 018</b>
7-11	Collet Body 2,4 mm Pk 2	<b>0700 009 009</b>
7-11	Collet Body 3,2 mm Pk 2	<b>0700 009 010</b>
7-11	Collet Body 4,0 mm Pk 2	<b>0700 009 011</b>
12	T-Piece	<b>0700 009 012</b>
13	Spacer Piece	<b>0700 009 013</b>
*	Liquid 5000 ml	<b>0700 009 015</b>
*	Waste Container	<b>0700 009 017</b>
*	Accessory box complete	<b>0700 009 020</b>
3+21	Kit - Inspection window G-Tech with seal	<b>0700 009 038</b>
14+24	Kit - Electrode holder and handle	<b>0700 009 039</b>
22+23	Kit - Seal abrasive wheel with seal and 'O' ring	<b>0700 009 040</b>



\* Not shown

# Tungsten Electrodes



## Tungsten Electrodes

This is a high-quality range of tungsten electrodes available in thoriated, ceriated, pure and lanthanated (Gold Plus) versions. ESAB tungsten electrodes have excellent welding and ignition properties. They are delivered in plastic boxes, each containing ten electrodes. The electrodes are available in 150 and 175mm lengths.

WL15 1,0 x 175mm Gold Plus (Lanthanated)	Gold	<b>0151 574 050</b>
WL15 1,6 x 175mm Gold Plus (Lanthanated)	Gold	<b>0151 574 051</b>
WL15 2,4 x 175mm Gold Plus (Lanthanated)	Gold	<b>0151 574 052</b>
WL15 3,2 x 175mm Gold Plus (Lanthanated)	Gold	<b>0151 574 053</b>
WL15 4,0 x 175mm Gold Plus (Lanthanated)	Gold	<b>0151 574 054</b>
WL15 4,8 x 175mm Gold Plus (Lanthanated)	Gold	<b>0151 574 055</b>
<hr/>		
WT20 1,6 x 175mm (Thoriated)	Red	<b>0151 574 002</b>
WT20 2,4 x 175mm (Thoriated)	Red	<b>0151 574 003</b>
WT20 3,2 x 175mm (Thoriated)	Red	<b>0151 574 004</b>
WT20 4,0 x 175mm (Thoriated)	Red	<b>0151 574 005</b>
<hr/>		
W Pure 1,6 x 175mm	Green	<b>0151 574 009</b>
W Pure 2,4 x 175mm	Green	<b>0151 574 010</b>
W Pure 3,2 x 175mm	Green	<b>0151 574 011</b>
W Pure 4,0 x 175mm	Green	<b>0151 574 012</b>
<hr/>		
WC20 1,6 x 175mm (Ceriated)	Grey	<b>0151 574 037</b>
WC20 2,4 x 175mm (Ceriated)	Grey	<b>0151 574 038</b>
WC20 3,2 x 175mm (Ceriated)	Grey	<b>0151 574 039</b>
WC20 4,0 x 175mm (Ceriated)	Grey	<b>0151 574 040</b>

# Gouging Torches



## K4000

The arc air gouging torch is supplied with a 2.14m (7') long cable. The torch accepts both round and flat electrodes, ranging in size from 4mm ( $\frac{5}{32}$ ") to 13mm ( $\frac{1}{2}$ ") round electrodes and 10mm ( $\frac{3}{8}$ ") and 16mm ( $\frac{5}{8}$ ") flat electrodes. The K4000 is rated at 1,000 Amps, it uses compressed air between 5.6 and 7.0kg/cm<sup>2</sup> (80 and 100 psi) and between 0.85 and 0.99 m<sup>3</sup>/min (30 and 35 cfm). The torch and cable weigh 2.4kg (5.4lbs). Supplied without connections.

K4000 Gouging torch including monocable

**0760 018 100**

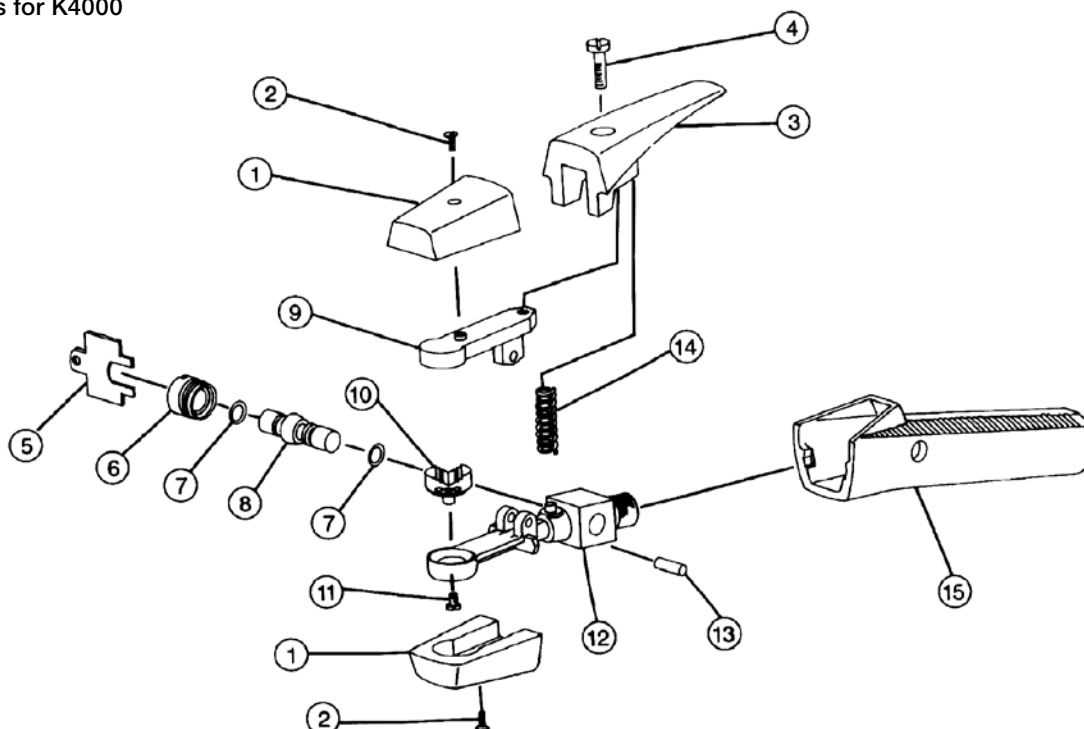
## Spares for K4000

1 & 2	Insulator assembly	<b>0760 018 101</b>
3 & 4	Lever assembly	<b>0760 018 103</b>
5 - 8	Valve bonnet assembly	<b>0760 018 106</b>
9	Upper arm	<b>0760 018 112</b>
10 & 11	Nozzle	<b>0760 018 113</b>
12	Body	<b>0760 018 115</b>
13	Hinge pin	<b>0760 018 116</b>
14	Spring	<b>0760 018 117</b>
15	Handle	<b>0760 018 118</b>

## Spares for monocable:

'O' Ring kit	<b>0760 018 121</b>
Clamp kit	<b>0760 018 125</b>
Conductor kit	<b>0760 018 126</b>
Hose cover	<b>0760 018 130</b>
Boot insulator	<b>0768 018 131</b>

## Spares for K4000



# Gouging Torches



## Flair 600 and 1600

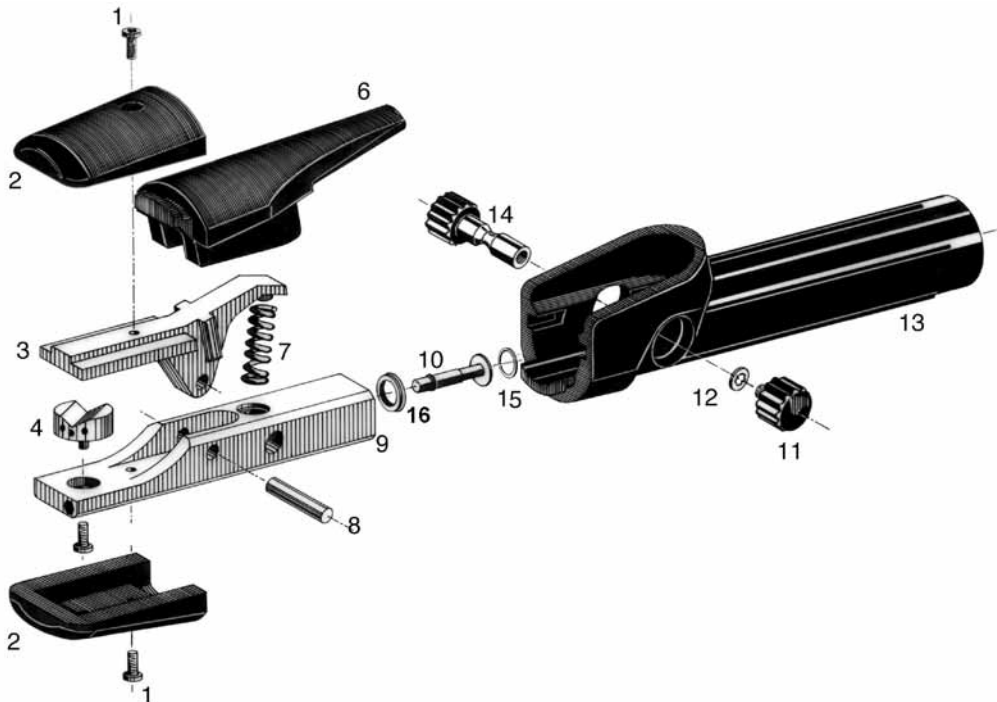
The Flair 600 arc air torch for carbon up to 10mm ( $\frac{3}{4}$ " ) and 4 x 15mm ( $\frac{5}{32}$  x  $\frac{9}{16}$ " ) rectangular. The Flair 1600 arc air torch for carbon up to 19mm ( $\frac{3}{4}$ " ) and 5 x 20mm ( $\frac{3}{16}$  x  $\frac{3}{4}$ " ) rectangular.

Flair 600, incl monocable	0468 253 880
Torch only	0468 253 016
Monocable only	0468 253 015
Flair 1600, incl monocable	0468 253 881
Torch only	0468 253 036
Monocable only	0468 253 035

## Spares for Flair 600

1	Set of screws Pk 50.....	0468 253 001
2	Insulating Caps .....	0468 253 002
3	Brass Lever.....	0468 253 003
4	Injection Nozzle.....	0160 580 001
6	Lever Insulation .....	0468 253 006
7	Spring .....	0468 253 007
8	Hinge Pin .....	0468 253 008
9	Body .....	0468 253 005
10	Valve .....	0468 253 010
15 & 16	Valve Seat.....	0468 253 009
11,12,14	Push Button + Link .....	0468 253 014
13	Handle .....	0468 253 013

## Spares for Flair 600

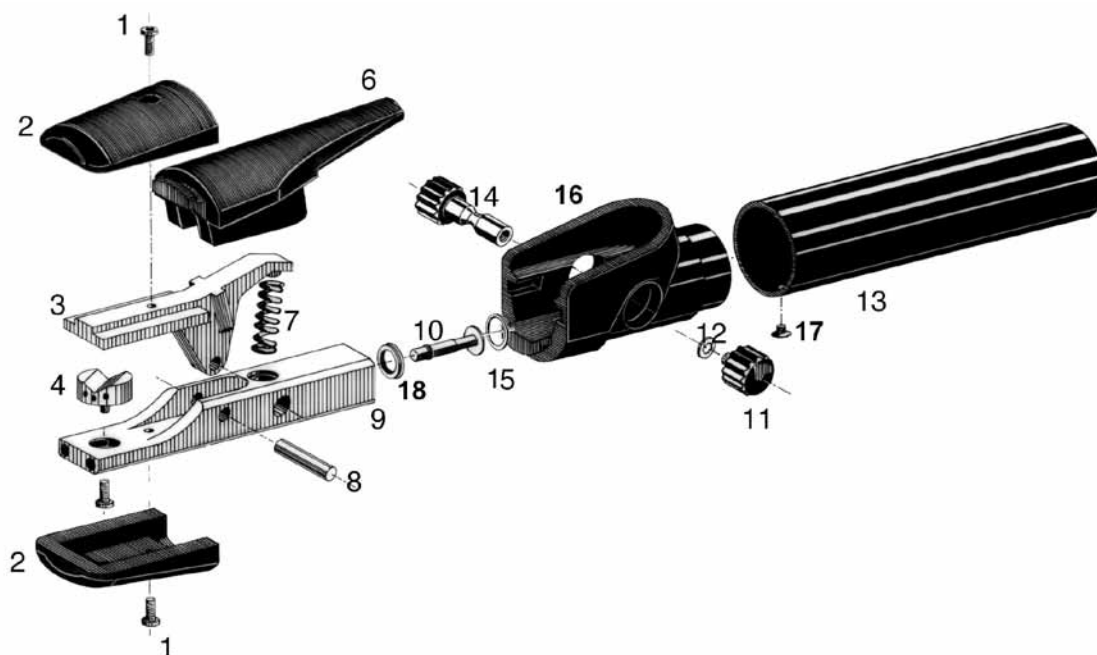


# Gouging Torches

## Spares for Flair 1600

1	Set of screws Pk 50 .....	0468 253 001
2	Insulating Caps .....	0468 253 002
3	Brass Lever.....	0468 253 023
4	Injection Nozzle.....	0468 253 024
6	Lever Insulation.....	0468 253 006
7	Spring.....	0468 253 027
8	Hinge Pin .....	0468 253 008
9	Body.....	0468 253 025
10	Valve.....	0468 253 010
15 & 18	Valve Seat.....	0468 253 009
11,12,14	Push Button + Link.....	0468 253 014
13,16,17	Handle.....	0468 253 033

## Spares for Flair 1600





# Gouging Carbons



## OK Carbon™

Arc air gouging with carbon electrodes and compressed air is the fastest and cheapest process for cutting/gouging material in conjunction with repairs and similar processes. A carbon electrode is used to melt the material and, at the same time, a powerful jet of air blows away the molten material. The compressed air also cools the carbon electrode. Carbon electrodes can be used for the arc air gouging of unalloyed and low-alloy steel, stainless steel, cast iron and other metals. A complete set of arc air gouging equipment consists of an arc air gouger, the Flair 600 or Flair 1600, alternatively the K4000 with mono cable. OK Carbon™, ESAB's focused but comprehensive range of arc air carbons enables the user to gouge in a wide range of applications, within foundries, steel industry, shipbuilding, steel construction and in maintenance workshops. The OK Carbon™ range gives the user the highest possible efficiency by removal of metal per unit length or unit time.

Description Dimensions and order no.	Dimensions (mm)	Current (A)	Sourced goods (g/cm)	B (mm)
Round carbon rod for direct current, DC, L = 305 mm				
0700 007 002	4 x 305	150 - 200	10	6 - 8 3 - 4
0700 007 003	5 x 305	200 - 250	12	7 - 9 3 - 5
0700 007 004	6,35 x 305	300 - 350	18	9 - 11 4 - 6
0700 007 006	8 x 305	400 - 450	33	11 - 13 6 - 9
0700 007 007	10 x 305	500 - 550	49	13 - 15 8 - 12
Round carbon rod for direct current, DC, L = 510 mm / 455 mm				
0700 007 104	6,35 x 510	300 - 350	18	9 - 11 4 - 6
0700 007 106	8 x 510	400 - 450	33	11 - 13 6 - 9
0700 007 107	10 x 510	500 - 550	49	13 - 15 8 - 12
0700 007 108	13 x 455	700 - 900	89	16 - 18 9 - 13
Round joint carbon for direct current, DC, L = 430 mm				
0700 007 410	10 x 430	500 - 550	49	13 - 15 8 - 12
0700 007 411	13 x 430	700 - 900	89	16 - 18 9 - 13
0700 007 412	16 x 430	1000 - 1200	105	20 - 22 10 - 14
0700 007 413	19 x 430	1200 - 1400	148	24 - 26 17 - 21
Rectangular carbon rod for direct current, DC, L = 305 mm				
0700 007 502	5 x 15 x 305	350 - 400	45	7 - 9 8 - 10
0700 007 503	5 x 20 x 305	450 - 500	67	7 - 9 12 - 14

# Fume Extraction Units



TM-200      PM-300      TM-80

## CarryVac 2 portable smoke extractor

The CarryVac 2 P150/P150 AST are two small, lightweight, portable extraction units designed to be carried to the working area. Connected to a welding torch or to an extraction nozzle, the CarryVac 2 units extract the fume directly at source. The polluted air is filtered and captured in a hygienically-packed filter. The CarryVac 2 is equipped with a filter indicator, which shows when the filter must be replaced. It is ideal for maintenance welding, low and medium-duty cycle. The filter capacity is approximately 200kg of solid wire or twelve 15kg spools. The CarryVac 2 P150 AST is equipped with an automatic start/stop function, which increases the service life of each filter and of the unit itself. Please also see ESAB Centrovac extraction torch range.

Delivery contents: Supplied complete with 2.5 m suction hose.

CarryVac 2 P150 220-240V	<b>0700 003 883</b>
CarryVac 2 P150 AST 220-240V	<b>0700 003 884</b>
Hose 45mm, 1.6m	<b>0154 352 015</b>
Hose 45mm, 3.5m	<b>0154 352 008</b>
Hose 45mm, 5m	<b>0700 003 224</b>
Hose 45mm, 15m	<b>0700 003 225</b>
Suction nozzle TM-80, round 80 mm	<b>0700 003 221</b>
Suction nozzle TM-200, 200 mm wide	<b>0700 003 222</b>
Suction nozzle PM-300, 300 mm wide	<b>0700 003 223</b>
Magnet for suction nozzle	<b>0332 010 880</b>
Main filter CarryVac 2	<b>0700 003 004</b>
Pre filter	<b>0468 455 002</b>
Main filter CarryVac (previous model)	<b>0468 455 001</b>

## Technical data

Length.....	810 mm
Width .....	226 mm
Height .....	410 mm
Weight incl. filter .....	16 kg
Mains power supply .....	230/1~
Output.....	1000 W
Noise level.....	75 dB (A)
Max vacuum .....	2170 mm wp
Filter area .....	5.3 m <sup>2</sup>
Air flow (with 2.5m suction hose).....	150 m <sup>3</sup> /h
Suction hose diameter .....	Ø45 mm
Filter efficiency.....	99,7%



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# DNV BUSINESS ASSURANCE

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## MANAGEMENT SYSTEM CERTIFICATE

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Certificate No. 106973-2011-AQ-SWE-SWEDAC / 2006-SKM-AE-1093 / 2008-SKM-AHSO-143

*This is to certify that*

### ESAB GROUP

WORLDWIDE

*has been found to conform to the Management System Standards:*

**ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007**

*This Certificate is valid for:*

**Management, development, design, purchase, production, warehousing,  
sales, services and supply of welding and cutting products**

*Initial Certification date:*

2006-01-22 (14001)

2008-11-01 (18001)

2012-04-18 (9001)

*This Certificate is valid until:*

2014-01-31 (9001)

2015-01-31 (14001)

2014-01-31 (18001)

*Place and date:*

Stockholm, 2012-12-14

*for the Accredited Unit:*

DNV CERTIFICATION AB,  
SWEDEN



*The audit has been performed  
under the supervision of:*

**Hans Hallberg**  
Lead Auditor

**Ann-Louise Pätt**  
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV CERTIFICATION AB, Box 6046, SOLNA, SWEDEN, TEL: +46 (0) 8 587 940 00, [WWW.DNVBA.SE](http://WWW.DNVBA.SE) / [WWW.DNVBA.COM](http://WWW.DNVBA.COM)



# DNV BUSINESS ASSURANCE

## APPENDIX TO CERTIFICATE

This Appendix refers to Certificate No. 106973-2011-AQ-SWE-SWEDAC / 2006-SKM-AE-1093 / 2008-SKM-AHSO-143

### ESAB GROUP

(Main locations within brackets)

**Production** in Argentina (Buenos Aires, Chascomus, San Luis), Brazil (Belo Horizonte), Bulgaria (Ihtiman), China (Zhangjiagang, Wuxi), Czech Republic (Vamberk), Germany (Karben), Hungary (Mór), India (Ambattur, Irungattukotai, Khardah, Nagpur, Taratala), Indonesia (Purwakarta), Mexico (Monterrey), Poland (Katowice, Opole), Russia (St Petersburg, Sychevski), Singapore (Singapore), Sweden (Laxå, Perstorp), UK (Andover), USA (Florence, Hanover, Traverse City, Union – Midway Facility).

**Sales and Distribution** in Argentina (Buenos Aires), Australia, Austria (Vienna), Baltic States, Belgium (Brussels), Brazil (Belo Horizonte, Sao Paulo), Bulgaria (Ihtiman), Canada (Mississauga), Czech Republic (Vamberk), China (Shanghai), Denmark (Copenhagen), Finland (Helsinki), France (Paris), Germany (Solingen), Hungary (Budapest), Ireland, India (Chennai), Indonesia (Jakarta), Italy (Bareggio), Japan, Kazakhstan, Malaysia (Selangor), Mexico (Monterrey), Norway (Larvik), Panama, Poland (Katowice), Portugal, Romania (Bucharest), Russia (Moscow), Saudi Arabia, Singapore, Slovakia (Bratislava), South Africa (Edenvale), Spain (Madrid), Switzerland, Sweden (Gothenburg), The Netherlands (Amersfoort), Turkey, UK (London), Ukraine, United Arab Emirates (Dubai), USA (Florence).

**Central functions** (including Group and Regional Management, R&D and Engineering) in Sweden (Gothenburg, Laxå), UK (London), USA (Florence, Hanover), Germany (Karben), Brazil (Belo Horizonte), Argentina (Buenos Aires), India (Ambattur, Kolkata), Switzerland (Zug), China (Shanghai), South East Asia (Singapore), Mexico (Monterrey).

*Initial Certification date:*

2006-01-22 (14001)

2008-11-01 (18001)

2012-04-18 (9001)

*This Certificate is valid until:*

2014-01-31 (9001)

2015-01-31 (14001)

2014-01-31 (18001)

*Place and date:*

Stockholm, 2012-12-14

*for the Accredited Unit:*

DNV CERTIFICATION AB,  
SWEDEN



*The audit has been performed  
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FMS/104879