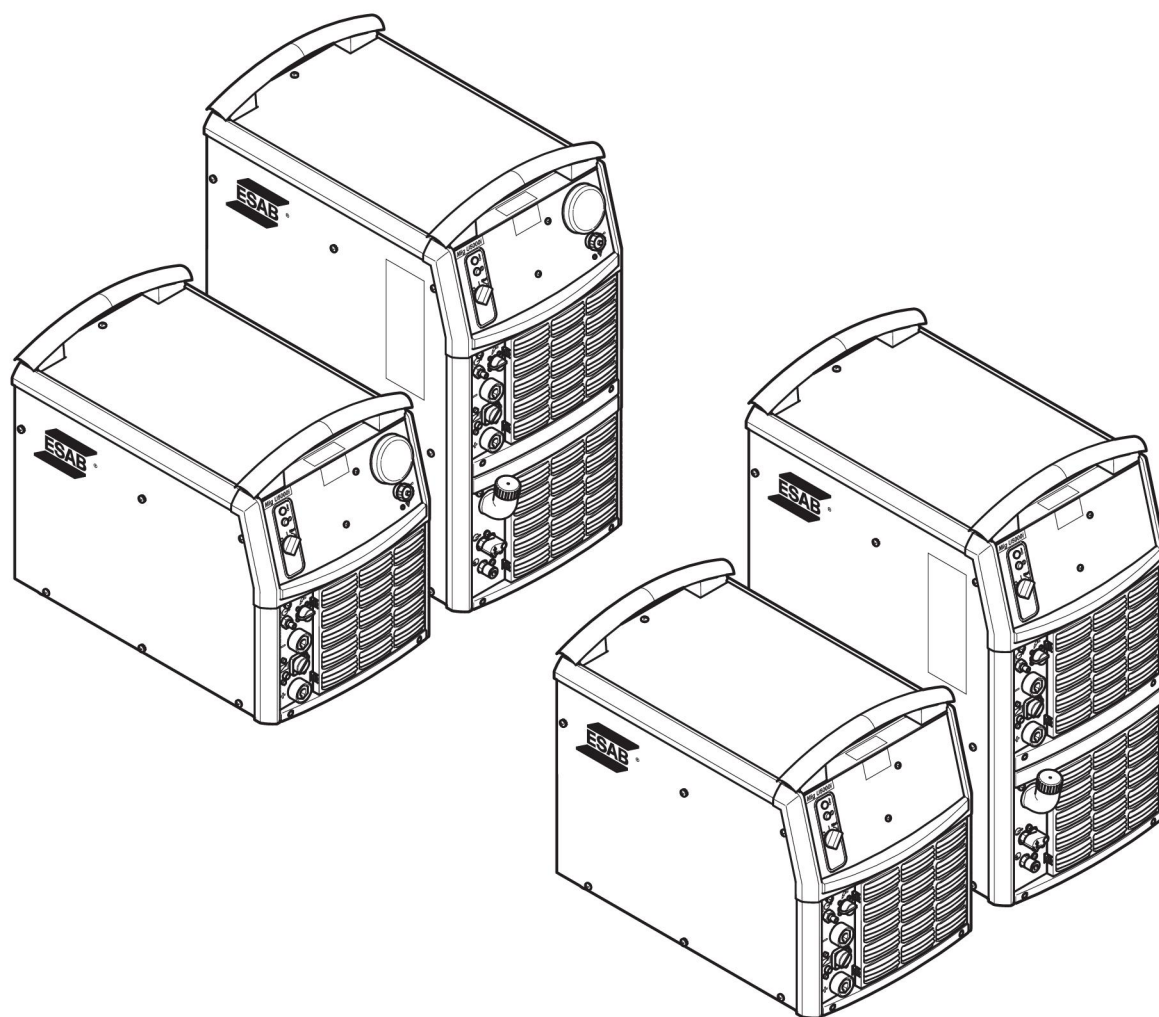




Aristo®

Mig U5000i, Mig U5000i WeldCloud™ 460 V



Instruction manual



EU DECLARATION OF CONFORMITY

According to
The Low Voltage Directive 2014/35/EU, entering into force 20 April 2016
The EMC Directive 2014/30/EU, entering into force 20 April 2016
The RoHS Directive 2011/65/EU, entering into force 2 January 2013

Type of equipment
Welding Power Source

Type designation
Mig 5000i/5000iw from serial number 626-xxx-xxxx (2016 w/26)
Mig U5000i/U5000iw from serial number 626-xxx-xxxx (2016 w/26)

Brand name or trade mark
ESAB

Manufacturer or his authorised representative established within the EEA
Name, address, and telephone No:
ESAB AB
Lindholmsallén 9, Box 8004, SE-402 77 Göteborg, Sweden
Phone: +46 31 50 90 00, Fax: +46 31 50 92 22

The following harmonised standard in force within the EEA has been used in the design:
EN 60974-1:2012, Arc Welding Equipment – Part 1: Welding power sources
EN 60974-2:2013, Arc Welding Equipment – Part 2: Liquid Cooling Systems
EN 60974-3:2014, Arc Welding Equipment – Part 3: Arc striking and stabilizing devices
EN 60974-10:2014/A1:2015, Arc Welding Equipment – Part 10: Electromagnetic compatibility (EMC) requirements

Additional Information:
Restrictive use, Class A equipment, intended for use in location other than residential

By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorised representative established within the EEA, that the equipment in question complies with the safety requirements stated above.

Date

Signature

Position

Gothenburg
2017-09-27

Stephen Argo

Global Director Equipment

CE 2017



EU DECLARATION OF CONFORMITY

According to
The Radio Equipment Directive 2014/53/EU, entering into force 13 June 2016
The RoHS Directive 2011/65/EU, entering into force 2 January 2013

Type of equipment
Welding Power Source

Type designation
Mig 5000i/5000iw WeldCloud from serial number 626-xxx-xxxx (2016 w/26)
Mig U5000i/U5000iw WeldCloud from serial number 626-xxx-xxxx (2016 w/26)

Brand name or trade mark
ESAB

Manufacturer or his authorised representative established within the EEA
Name, address, and telephone No:
ESAB AB
Lindholmsallén 9, Box 8004, SE-402 77 Göteborg, Sweden
Phone: +46 31 50 90 00, Fax: +46 31 50 92 22

The following harmonised standard in force within the EEA has been used in the design:
EN 303 446-2 ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment; Part 2: Specific conditions for equipment intended to be used in industrial locations.
EN 301 489-1 V2.2.0 Part 1: Common technical requirements
EN 301 489-17 V3.2.0 Part 17: Specific conditions for Broadband Data Transmission Systems
EN 301 489-19 V2.1.0 Part 19: Specific conditions for GPS
EN 301 489-52 V1.1.0 Part 52: Specific conditions for Cellular Communication

Additional Information:
Restrictive use, Class A equipment, intended for use in location other than residential

By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorised representative established within the EEA, that the equipment in question complies with the safety requirements stated above.

Date

Signature

Position

Gothenburg
2017-09-27

Stephen Argo

Global Director Equipment

CE 2017

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1 SAFETY

1.1 Meaning of symbols

As used throughout this manual: Means Attention! Be Alert!



DANGER!

Means immediate hazards which, if not avoided, will result in immediate, serious personal injury or loss of life.



WARNING!

Means potential hazards which could result in personal injury or loss of life.



CAUTION!

Means hazards which could result in minor personal injury.



WARNING!

Before use, read and understand the instruction manual and follow all labels, employer's safety practices and Safety Data Sheets (SDSs).



1.2 Safety precautions

1.3 User responsibility

Users of ESAB equipment have the ultimate responsibility for ensuring that anyone who works on or near the equipment observes all the relevant safety precautions. Safety precautions must meet the requirements that apply to this type of equipment. The following recommendations should be observed in addition to the standard regulations that apply to the workplace.

All work must be carried out by trained personnel well-acquainted with the operation of the equipment. Incorrect operation of the equipment may lead to hazardous situations which can result in injury to the operator and damage to the equipment.

1. Anyone who uses the equipment must be familiar with:
 - its operation
 - location of emergency stops
 - its function
 - relevant safety precautions
 - welding and cutting or other applicable operation of the equipment
2. The operator must ensure that:
 - no unauthorised person is stationed within the working area of the equipment when it is started up
 - no-one is unprotected when the arc is struck or work is started with the equipment
3. The workplace must:
 - be suitable for the purpose
 - be free from drafts

4. Personal safety equipment:
 - Always wear recommended personal safety equipment, such as safety glasses, flame-proof clothing, safety gloves
 - Do not wear loose-fitting items, such as scarves, bracelets, rings, etc., which could become trapped or cause burns
5. General precautions:
 - Make sure the return cable is connected securely
 - Work on high voltage equipment **may only be carried out by a qualified electrician**
 - Appropriate fire extinguishing equipment must be clearly marked and close at hand
 - Lubrication and maintenance must **not** be carried out on the equipment during operation



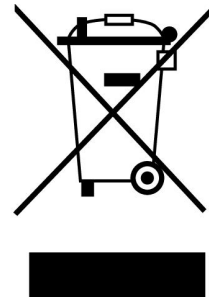
NOTE!

Dispose of electronic equipment at the recycling facility!

In observance of European Directive 2012/19/EC on Waste Electrical and Electronic Equipment and its implementation in accordance with national law, electrical and/or electronic equipment that has reached the end of its life must be disposed of at a recycling facility.

As the person responsible for the equipment, it is your responsibility to obtain information on approved collection stations.

For further information contact the nearest ESAB dealer.



ESAB has an assortment of welding accessories and personal protection equipment for purchase. For ordering information contact your local ESAB dealer or visit us on our website.

2 INTRODUCTION

The **Mig U5000i** is a GMAW/TIG welding power source, which can also be used for SMAW (Shielded Metal Arc Welding).

There are four variants of the power source:

- Mig U5000i without cooling unit
- Mig U5000iw with cooling unit
- Mig U5000i with WeldCloud™ unit
- Mig U5000iw with cooling unit and WeldCloud™ unit



NOTE!

These instructions describe a Mig U5000iw with a cooling unit.

The power source is intended for use with the Feed 3004 or Feed 4804 wire feed units.

All the settings are made from the wire feed unit or control box.

The power source **Mig U5000i WeldCloud™** is combined with U8₂ and provides a control box which enables wireless monitoring.

For more information about the feed units and WeldCloud™, refer to the Instruction manuals.

ESAB accessories for the product can be found in the "ACCESSORIES" chapter of this manual.

2.1 Equipment

The power source is supplied complete with terminating resistor and instruction manual.

3 TECHNICAL DATA

	Mig U5000i	Mig U5000i WeldCloud™
Mains voltage	460 V $\pm 10\%$, 3~ 50/60 Hz	460 V $\pm 10\%$, 3~ 50/60 Hz
Mains supply	S_{scmin} 8.7 MVA Z_{max} 0.018 Ω	S_{scmin} 8.7 MVA Z_{max} 0.018 Ω
Primary current		
I_{max} GMAW (MIG/MAG)	33 A	33 A
I_{max} SMAW (MMA)	34 A	34 A
I_{max} GTAW (TIG)	26 A	26 A
No-load power demand when in energy-saving mode, 6.5 min. after welding		
GTAW/GMAW (TIG/MIG)	45 W	45 W
SMAW (MMA)	55 W	55 W
Voltage/current range		
GMAW (MIG/MAG)	8 - 60 V / 16 - 500 A	8 - 60 V / 16 - 500 A
SMAW (MMA)	16 - 500 A	16 - 500 A
GTAW (TIG)	4 - 500 A	4 - 500 A
Permissible load at GMAW (MIG/MAG)		
60 % duty cycle	500 A / 39 V	500 A / 39 V
100 % duty cycle	400 A / 34 V	400 A / 34 V
Permissible load SMAW (MMA)		
60 % duty cycle	500 A / 40 V	500 A / 40 V
100 % duty cycle	400 A / 36 V	400 A / 36 V
Permissible load at GTAW (TIG)		
60 % duty cycle	500 A / 30 V	500 A / 30 V
100 % duty cycle	400 A / 26 V	400 A / 26 V
Power factor at maximum current (I_2)		
SMAW (MMA)	0.91	0.91
GTAW (TIG)	0.90	0.90
GMAW (MIG/MAG)	0.90	0.90
Efficiency at maximum current (I_2)		
SMAW (MMA)	87 %	87 %
GTAW (TIG)	82 %	82 %
GMAW (MIG/MAG)	83 %	83 %
Open-circuit voltage U_0 max		
GMAW (MIG/MAG), GTAW (TIG) without VRD function ¹⁾	72 - 88 V	72 - 88 V
SMAW (MMA) without VRD function ¹⁾	68 - 80 V	68 - 80 V
U_{0L} "Live TIG", VRD function deactivated ²⁾	79 V	79 V

	Mig U5000i	Mig U5000i WeldCloud™
GMAW (MIG/MAG), SMAW (MMA), VRD function deactivated ²⁾	59 V	59 V
VRD function activated ²⁾	< 35 V	< 35 V
Operating temperature	14 to 104 °F (-10 to +40 °C)	14 to 104 °F (-10 to +40 °C)
Transportation temperature	-4 to 131 °F (-20 to +55 °C)	-4 to 131 °F (-20 to +55 °C)
Dimensions l × w × h without cooling unit	24.6 × 15.5 × 19.5 in. (625 × 394 × 496 mm)	24.6 × 15.5 × 19.5 in. (625 × 394 × 496 mm)
	with cooling unit	24.6 × 15.5 × 30.6 in. (625 × 394 × 776 mm)
Continual sound pressure at no-load	<70 db (A)	<70 db (A)
Weight without cooling unit	158.7 lb (72 kg)	183 lb (83 kg)
	with cooling unit	202.8 lb (92 kg)
Insulation class transformer	H	H
Enclosure class	IP23	IP23
Application class	S	S

1) Valid for power sources without VRD specification on the rating plate.

2) Valid for power sources with VRD specification on the rating plate. The VRD function is explained in the instruction manuals for the control panel, if the panel has that function.

Duty cycle

The duty cycle refers to the time as a percentage of a ten-minute period that you can weld or cut at a certain load without overloading. The duty cycle is valid for 40 °C / 104 °F, or below.

Enclosure class

The **IP** code indicates the enclosure class, i.e. the degree of protection against penetration by solid objects or water.

Equipment marked **IP23** is intended for indoor and outdoor use.

Application class

The symbol S indicates that the power source is designed for use in areas with increased electrical hazard.

Cooling unit	
Cooling power	2.0 kW at 104 °F (40 °C) temp. difference and flow 0.26 gal/min
Coolant	ESAB's ready mixed coolant
Coolant quantity	1.5 gal
Maximum water flow	0.6 gal/min
Maximum number of water-cooled welding torches that may be connected	Two GMAW welding torches or one GTAW torch and one GMAW welding torch

4 INSTALLATION

The installation must be carried out by a professional.

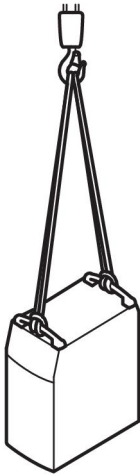
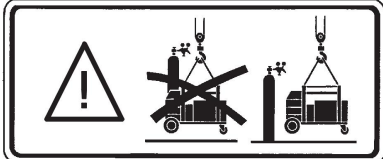
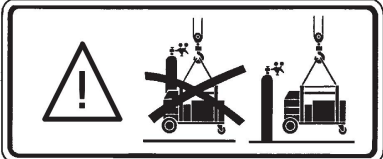


NOTE!

Mains supply requirements

This equipment complies with IEC 61000-3-12 provided that the short-circuit power is greater than or equal to S_{scmin} at the interface point between the user's supply and the public system. It is the responsibility of the installer or user of the equipment to ensure, by consultation with the distribution network operator if necessary, that the equipment is connected only to a supply with a short-circuit power greater than or equal to S_{scmin} . Refer to the technical data in the TECHNICAL DATA chapter.

4.1 Lifting instructions

Power source	Trolley and power source	Trolley 2 and power source
	 	 

4.2 Placing

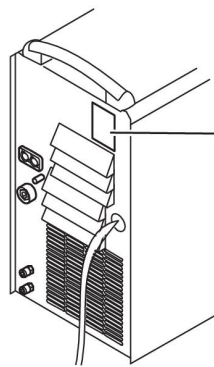
Position the welding power source such that its cooling air inlets and outlets are not obstructed.

4.3 Primary input



WARNING!

ELECTRIC SHOCK CAN KILL! PRECAUTIONARY MEASURES SHOULD BE TAKEN TO PROVIDE MAXIMUM PROTECTION AGAINST ELECTRICAL SHOCK. BE SURE THAT ALL POWER IS OFF BY OPENING THE LINE (WALL) DISCONNECT SWITCH WHEN PRIMARY ELECTRICAL CONNECTIONS ARE MADE TO THE POWER SOURCE. BE SURE TO CHECK YOUR INPUT LEADS WITH A VOLTMETER TO MAKE SURE ALL POWER IS OFF.



Check that the unit is connected to the correct mains power supply voltage, and that it is protected by the correct fuse sizes. A protective earth connection must be made, in accordance with regulations.

Rating plate with supply connection data

Recommended fuse sizes and minimum cable areas

Mig U5000i	460 V 3~ 60 Hz
Mains voltage	460 V
Mains cable area, CU/AWG (mm ²)	10(6)
Phase current, I RMS	24 A
Fuse, Time Delay	25 A



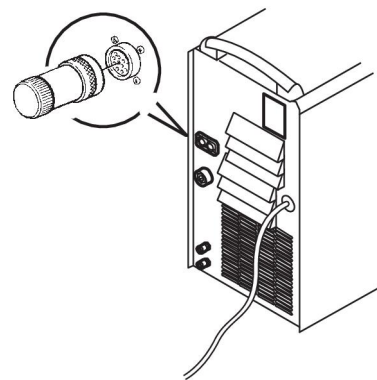
NOTE!

Sizes per National Electric Code for 90 °C rated copper conductors @ 30 °C ambient. Not more than three conductors in raceway or cable. Local codes should be followed if they specify larger sizes other than those listed above.

4.4 Terminating resistor

In order to avoid communication interference, the ends of the CAN bus must be fitted with terminating resistors.

One end of the CAN bus is at the control panel, which has an integral terminating resistor. The other end at the power source must be fitted with the terminating resistor, as shown on the right.



4.5 Connection of multiple wire feed units

With control unit and wire feed units without control panel (M0) it is possible to manage up to 4 wire feed units from one power source.

It is possible to choose between the following connections:

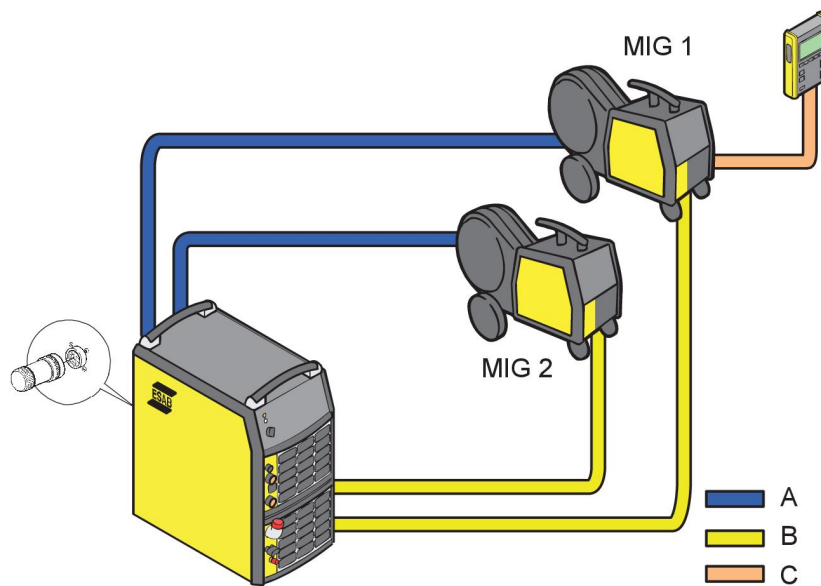
- 1 GTAW (TIG) torch and 1 GMAW (MIG/MAG) gun (Universal power source required)
- 2 GMAW (MIG/MAG) guns
- 1 GTAW (TIG) torch and 3 GMAW (MIG/MAG) guns (Universal power source required)
- 4 GMAW (MIG/MAG) guns

When welding with water-cooled GMAW guns on all wire feed units, it is recommended to connect a separate cooling unit for the two extra guns.

We recommend connecting the guns in parallel.

Two wire feed units

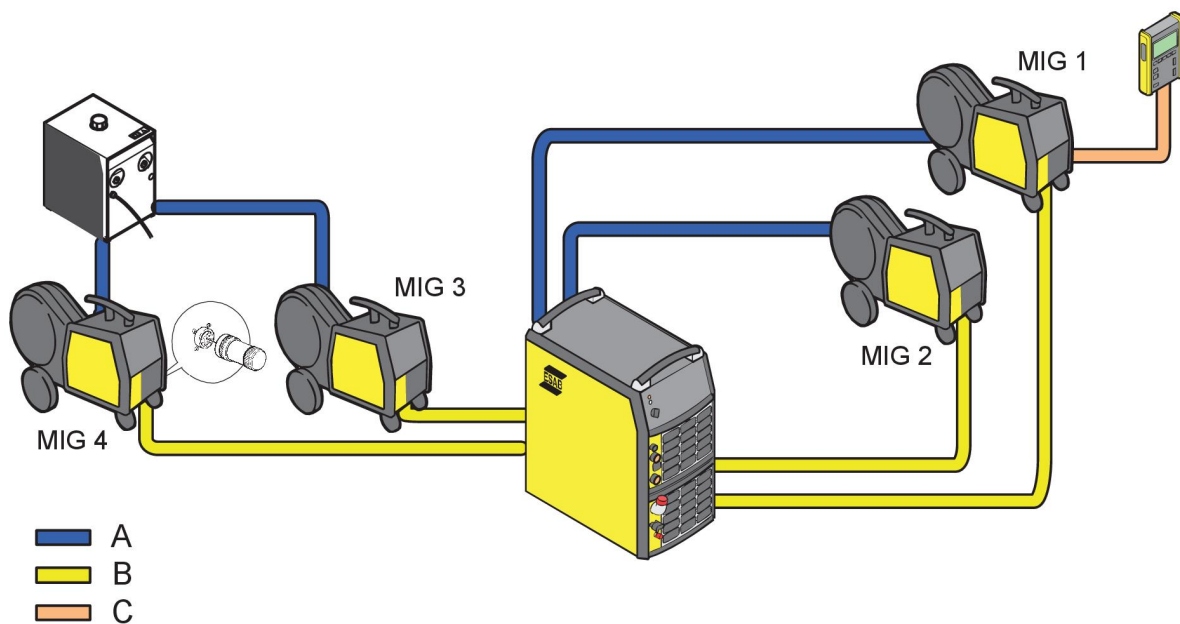
A connection kit is required when connecting two wire feed units, see chapter "ACCESSORIES".



- A. Water connection
- B. Welding current connection
- C. Control box connection

Four wire feed units

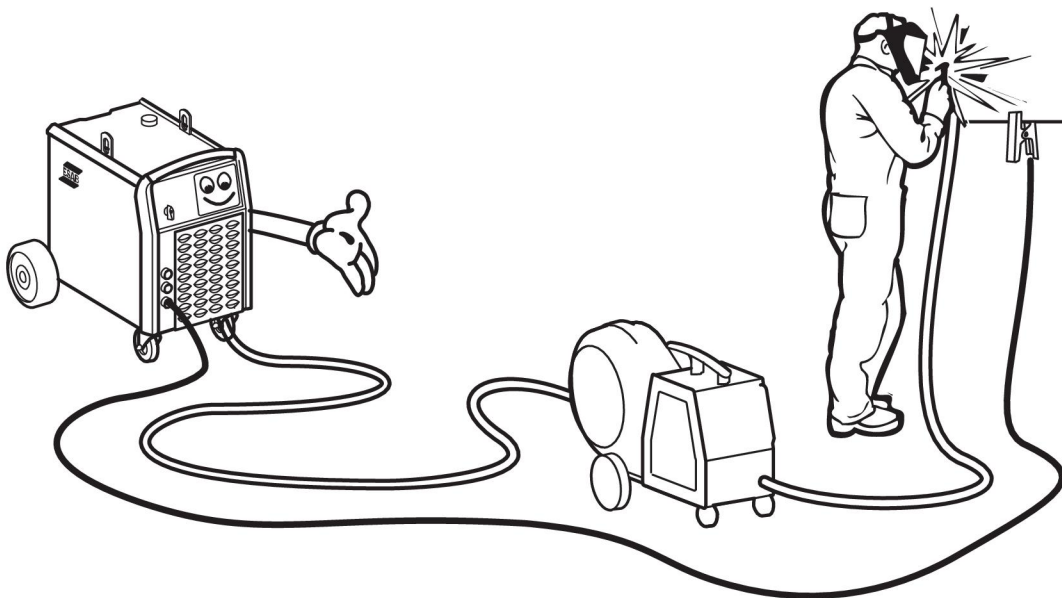
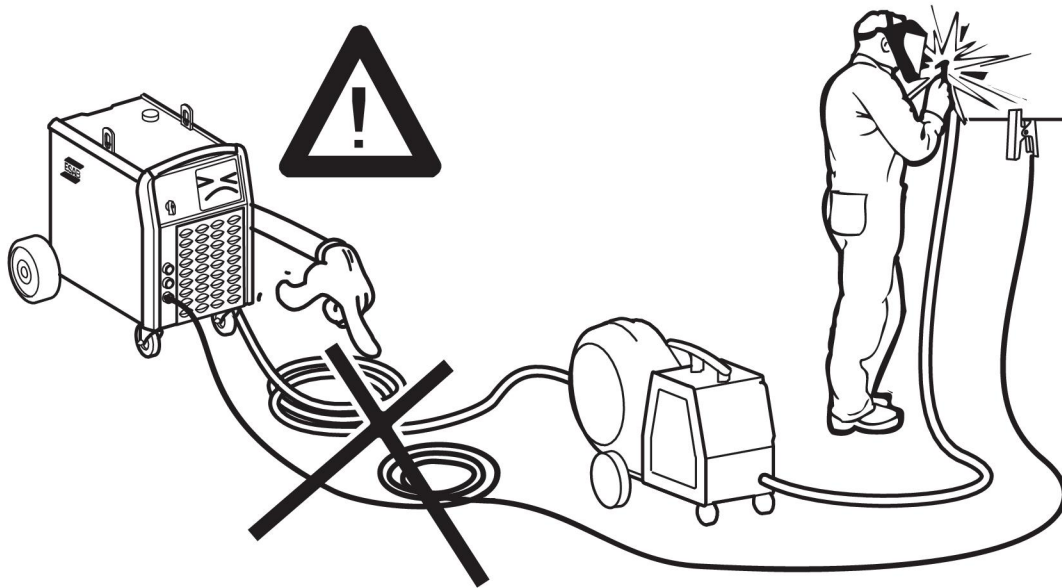
Two connection kits and an extra cooling unit are required when connecting four wire feed units, see chapter "ACCESSORIES".



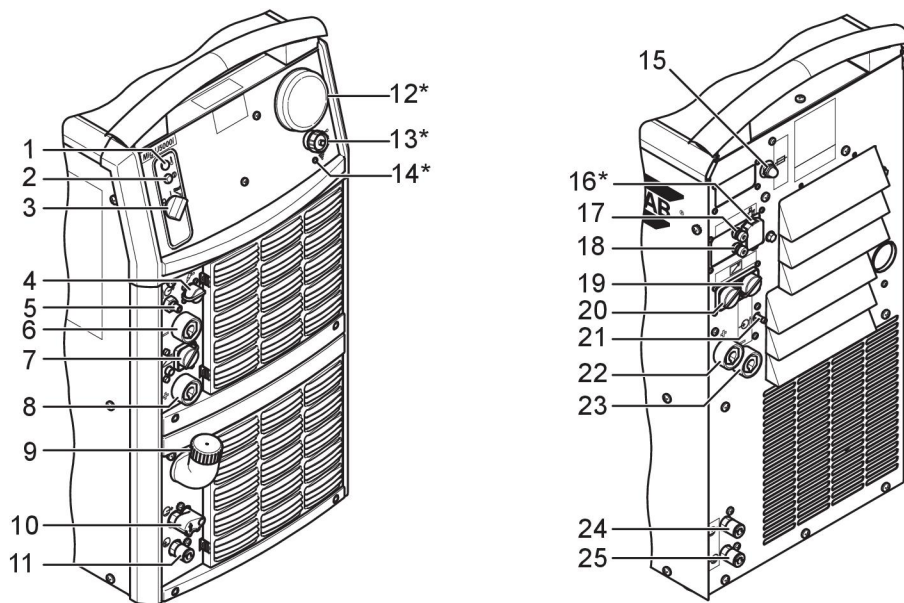
- A. Water connection
- B. Welding current connection
- C. Control box connection

5 OPERATION

General safety regulations for handling the equipment can be found in the "SAFETY" chapter of this manual. Read it through before you start using the equipment!



5.1 Connections and control devices



- | | |
|---|--|
| 1 Orange indicating lamp - Overheating | 14* *Only on WeldCloud™ version: Red indicating lamp - Wi-Fi Connectivity |
| 2 White indicating lamp - Power supply ON | 15 Fuse for supply voltage for feeder unit, 42 V |
| 3 Mains power supply switch, 0 / 1 / START | 16* *Only on WeldCloud™ version: Connection for Ethernet |
| 4 Connection for start signal from the torch | 17 Measure outlet screw terminal Red (+) |
| 5 Connection for gas to the TIG torch | 18 Measure outlet screw terminal Black (-) |
| 6 Connection (-) for return cable at SMAW and GMAW or for welding current cable at TIG (GTAW) | 19 Connection for control cable to the wire feed unit or to the terminating resistor |
| 7 Connection for remote control | 20 Connection for control cable to the wire feed unit or for the terminating resistor |
| 8 Connection (+) for welding current cable at SMAW (MMA) welding or for return cable at TIG (GTAW) welding | 21 Connection for gas hose |
| 9 Cooling water filler | 22 Connection (+) for welding current cable to the wire feed unit |
| 10 Connection with ELP ¹ for cooling water to the TIG torch - BLUE | 23 Connection (-) for the return cable wire feeder unit |
| 11 Connection for cooling water from the TIG torch - RED | 24 Connection for cooling water to the wire feed unit - BLUE |
| 12* *Only on WeldCloud™ version: Antenna | 25 Connection for cooling water from the wire feed unit - RED |
| 13* *Only on WeldCloud™ version: USB Connectivity | |

¹) ELP = ESAB Logic Pump, see section "Cooling unit" in this chapter.

5.2 Turning on the power source

Turn on the mains power by turning switch (7) to the "START" position. Release the switch, and it will return to the "1" position.

If the mains power supply should be interrupted while welding is in progress, and then be restored, the power source will remain de-energised until the switch is again turned manually to the "START" position.

Turn the unit off by turning the switch to the "0" position.

Whether in the event of a loss of power supply or of turning the power source off in the normal manner, welding data will be stored so that it is available next time the unit is started.

5.3 Fan control

The power source fans continue to run for 6.5 minutes after welding has stopped, and the unit switches to energy-saving mode. They start again when welding restarts.

The fans run at reduced speed for welding currents up to 180 A, and at full speed for higher currents.

5.4 Overheating protection

The power source has two thermal overload trips which operate if the internal temperature becomes too high, interrupting the welding current and lighting the orange indicating lamp on the front of the unit. They reset automatically when the temperature has fallen.

5.5 Cooling unit

To ensure problem-free operation, the installation height from the cooling unit to the welding torch must be max. 7 m. Heights in excess of this can cause problems, such as long starting times, air bubbles, vacuums, etc.

If an installation height in excess of 7 m is required, we recommend an installation kit comprising a non-return valve and a solenoid valve, refer to accessories in chapter "ACCESSORIES". Once these valves have been installed, the hose package must be horizontal during the initial startup so that everything fills with water. Then raise the wire feed unit and hose package to the high height. Continued safe operation at installation heights of up to 12 m can now commence.

Water connection (GTAW)

The cooling unit is equipped with a detection system **ELP** (ESAB Logic Pump) which checks that the water hoses are connected.

The power source On/Off switch must be in the "0" position (Off) when connecting a water-cooled GTA torch.

If a water-cooled GTA torch is connected, the water pump starts automatically when the main On/Off switch is turned to "START" and/or when welding starts. After welding, the pump continues to run for 6.5 minutes, and then switches to the energy-saving mode.

Function when welding

To start welding, the welder presses the welding torch trigger switch. The power source turns on and starts the wire feed and the cooling water pump.

To stop welding, the welder releases the welding torch trigger switch. Welding ceases, but the cooling water pump continues to run for 6.5 minutes, after which the unit switches to energy-saving mode.

Water flow guard

The water flow guard interrupts the welding current in the event of loss of coolant, and displays an error message on the control panel. The water flow guard is an accessory.

5.6 Remote control unit

When the remote control unit is connected, the power source and wire feed unit are in remote control mode; the buttons and knobs are blocked. The functions can only be adjusted via the remote unit.

If the remote control unit is not to be used, the remote control unit must be disconnected from the power source / wire feed unit, as otherwise it will remain in remote control mode.

For more information about the operation of the remote control unit, see the operating instructions for the control panel.

5.7 WeldCloud™ unit

The WeldCloud™ unit connects the welding power source with a local WeldCloud™ server through Wi-Fi, Wired LAN or 3G. The WeldCloud™ unit is equipped with GPS to track the location of the welding power source. It also has Bluetooth connectivity to enable connection with 3rd party input devices, for example a Bluetooth enabled barcode/QR scanner.

The WeldCloud™ unit Wi-Fi is enabled at power up of the power source. It will start as a hotspot that appears as an available Wi-Fi network. After establishing connection, it is possible to access the web interface of the power source for a one-time set-up. After set-up and restart, the power source will be visible in WeldCloud™. For more information about the WeldCloud™ unit and features, see the WeldCloud™ instruction manual.

6 MAINTENANCE



NOTE!

Regular maintenance is important for safe and reliable operation.

Only those persons who have appropriate electrical knowledge (authorised personnel) may remove the safety plates to connect or carry out service, maintenance or repair work on welding equipment.



CAUTION!

All warranty undertakings from the supplier cease to apply if the customer attempts any work to rectify any faults in the product during the warranty period.

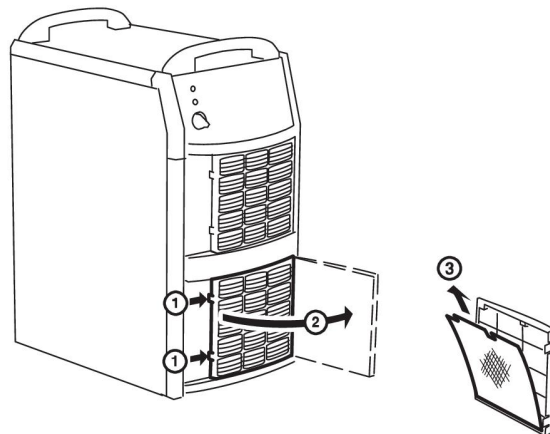
6.1 Daily

Carry out the following maintenance every day.

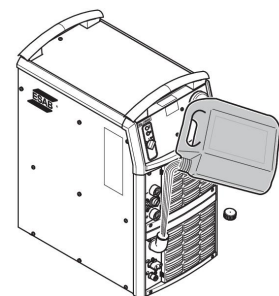
- Check that all cables and connections are fault free. Tighten if necessary and replace any defective parts.
- Check the water level and water flow, top up with coolant if necessary.

6.2 If necessary

- Regularly check that the power source is not clogged with dirt. Clogged or blocked air inlets and outlets result in overheating.
- Clean the dust filter.
 - Remove the fan grille with the dust filter (1).
 - Swing out the grille (2).
 - Release the dust filter (3).
 - Blow the filter clean with compressed air (reduced pressure).
 - Replace the filter with the finer mesh on the side against the grille (2) (out from the power source).
 - Replace the fan grille with the dust filter.



- Top up with coolant
ESAB's ready mixed coolant is recommended for use. See chapter "ACCESSORIES".
 - Top up with coolant until it covers half the inlet pipe.



NOTE!

Coolant must be topped up if connecting a welding torch or connection cables that are 5 m in length or longer. When adjusting the water level by topping up, the coolant hose does not need to be disconnected.



CAUTION!

The coolant must be handled as chemical waste.

6.3 Every year

Carry out the following maintenance at least once a year.

- Clean off any dirt and dust. Blow the power source clean with dry compressed air (reduced pressure).
- Change the coolant and clean the hoses and water reservoir with clean water.
- Check seals, cables and connections. Tighten if necessary and replace any defective parts.

7 FAULT TRACING

Try these recommended checks and inspections before sending for an authorised service technician.

Type of fault	Action
No arc.	• Check that the mains power supply switch is turned on. • Check that the welding current supply and return cables are correctly connected. • Check that the correct current value is set.
Welding current is interrupted during welding.	• Check whether the thermal overload trips have operated (indicated by the orange lamp on the front panel). • Check the main power supply fuses.
The thermal overload trips operate frequently.	• Check to see whether the air filters are clogged. • Make sure that you are not exceeding the rated data for the power source (i.e. that the unit is not being overloaded).
Poor welding performance.	• Check that the welding current supply and return cables are correctly connected. • Check that the correct current value is set. • Check that the correct electrodes are being used. • Check the main power supply fuses.

8 ORDERING SPARE PARTS

Mig U5000i, Mig U5000iw, Mig U5000i WeldCloud™ and Mig U5000iw WeldCloud™ are designed and tested in accordance with the international and European standards **IEC/EN 60974-1/-2/-3** and **EN 60974-10**.

It is the obligation of the service unit which has carried out the service or repair work to make sure that the product still conforms to the mentioned standards.

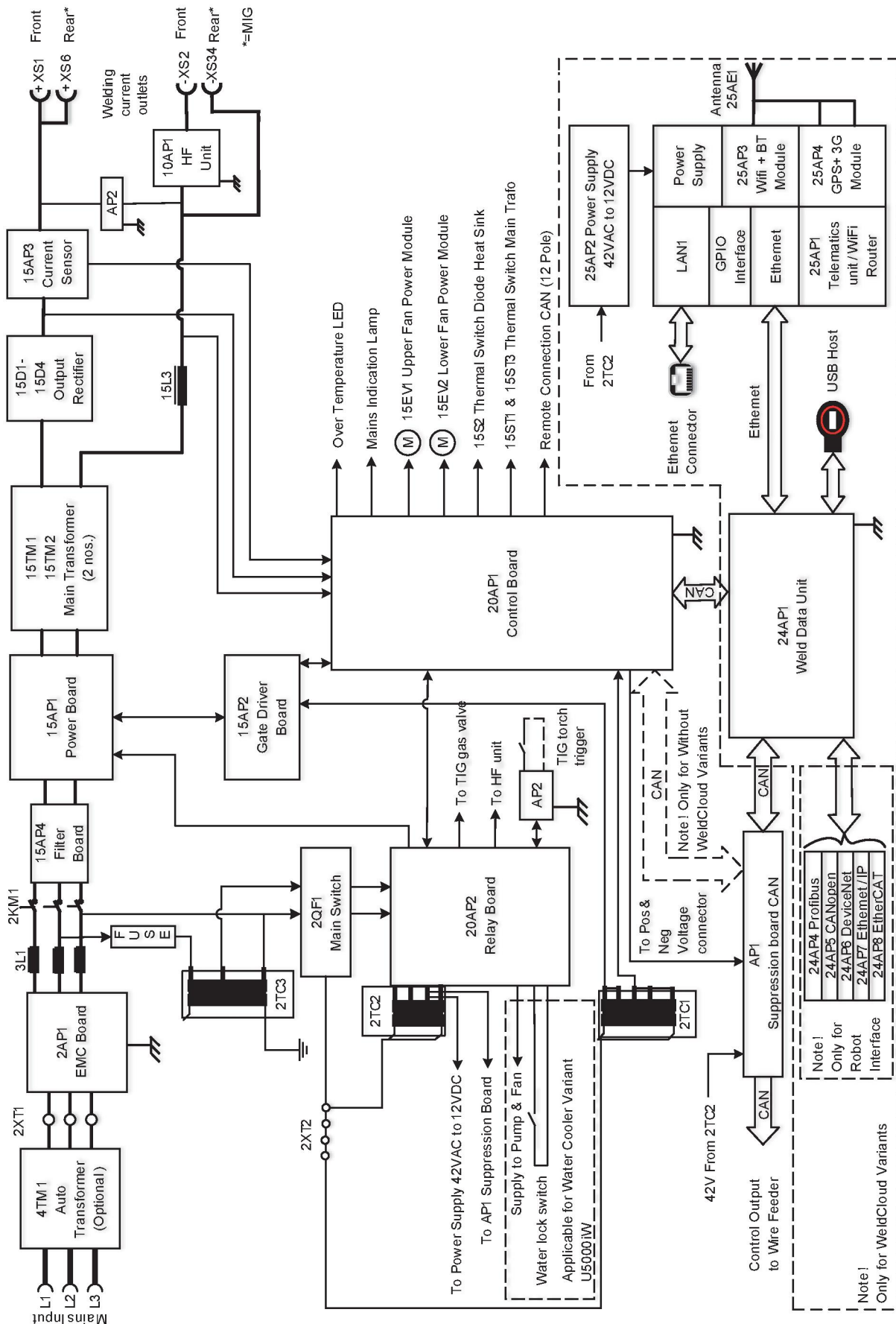


CAUTION!

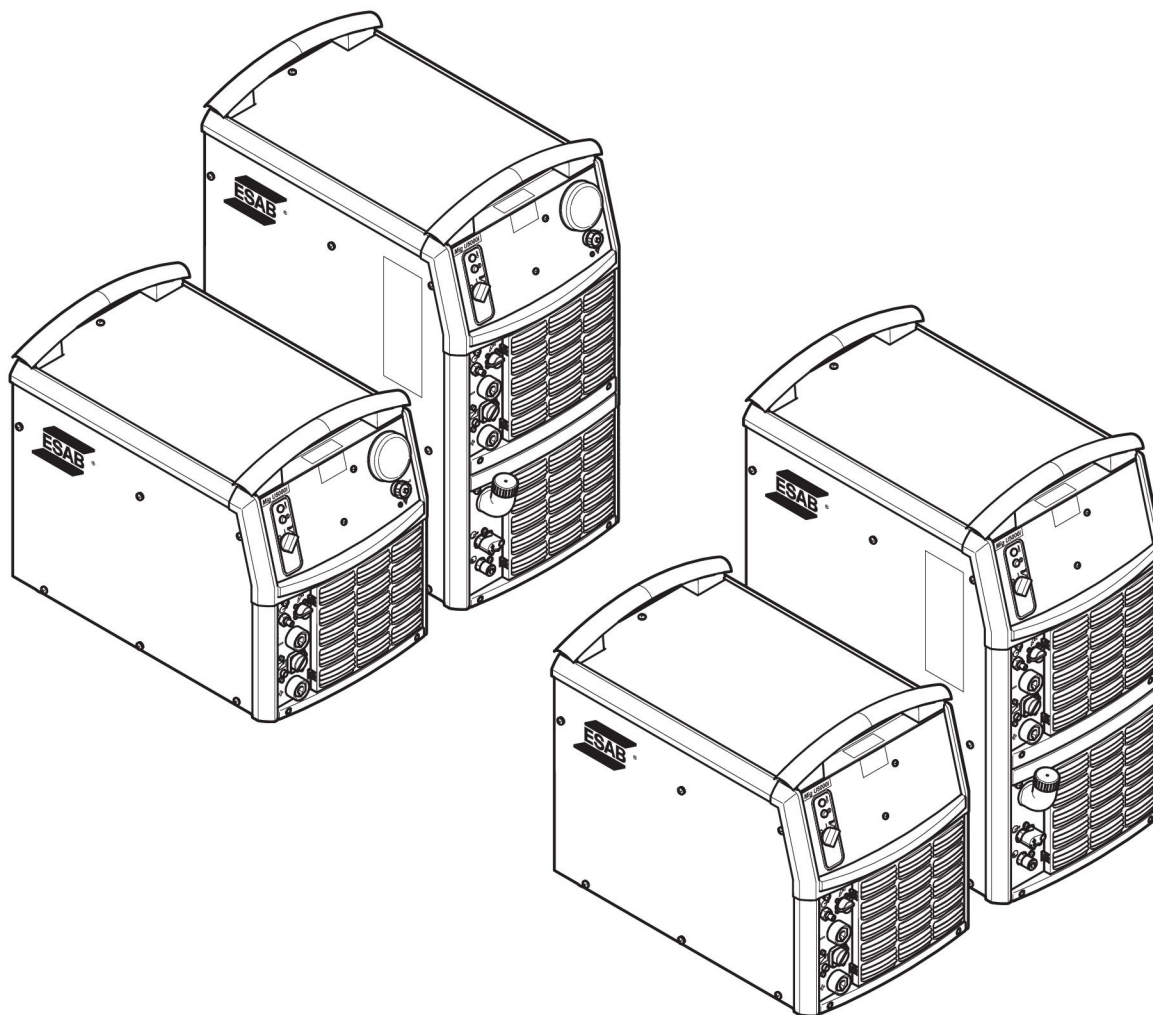
Repair and electrical work should be performed by an authorised ESAB service technician. Use only ESAB original spare and wear parts.

Spare parts and wear parts can be ordered through your nearest ESAB dealer, see the back cover of this document. When ordering, please state product type, serial number, designation and spare part number in accordance with the spare parts list. This facilitates dispatch and ensures correct delivery.

DIAGRAM



ORDERING NUMBERS

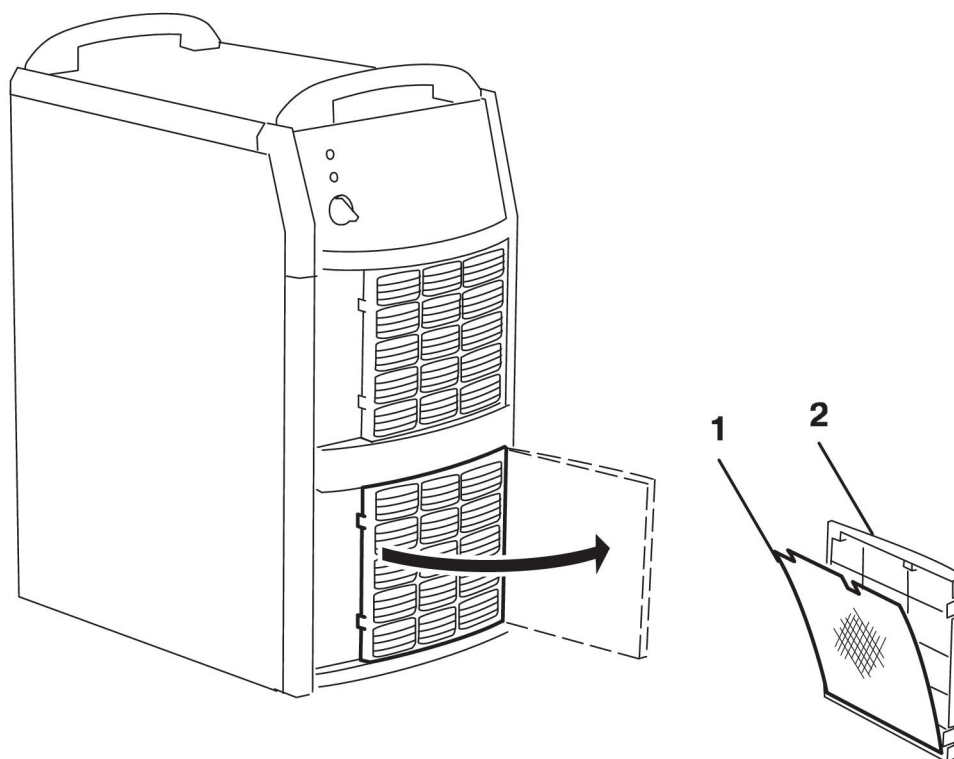


Ordering no.	Denomination	Product	Notes
0459 230 885	Welding power source	Mig U5000i	
0459 230 886	Welding power source	Mig U5000iw	With cooling unit
0445 400 885	Welding power source	Mig U5000i WeldCloud™	With WeldCloud™ unit
0445 400 886	Welding power source	Mig U5000iw WeldCloud™	With cooling unit and WeldCloud™ unit
0459 839 020	Spare parts list	Mig 5000i, Mig U5000i, Mig 5000i WeldCloud™, Mig U5000i WeldCloud™	

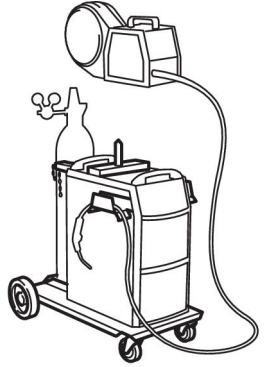
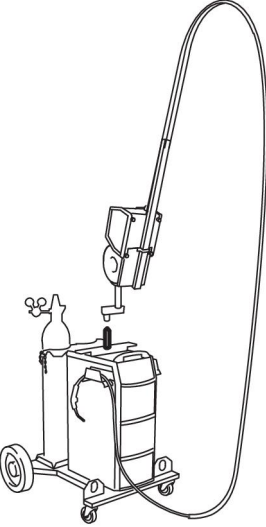
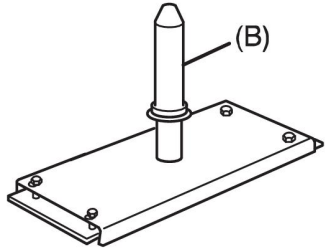
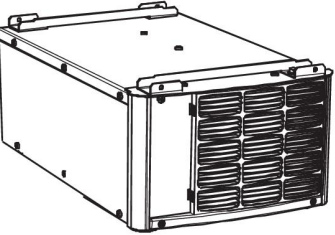
Technical documentation is available on the Internet at: www.esab.com

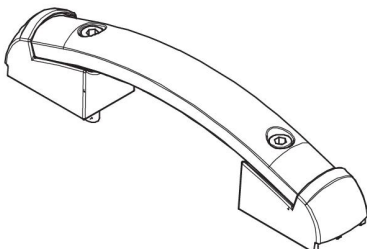
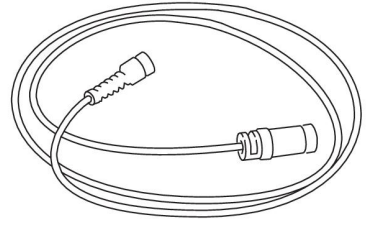
SPARE PARTS LIST

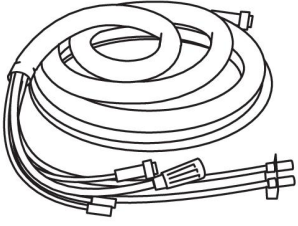
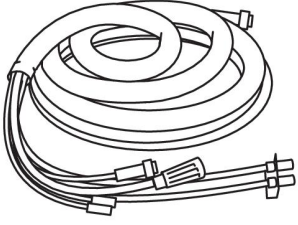
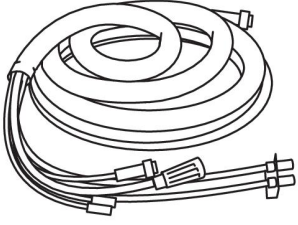
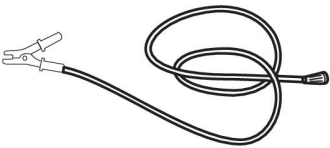
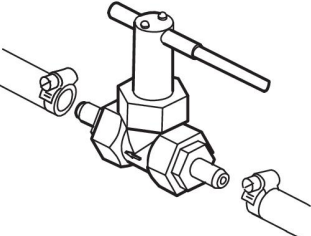
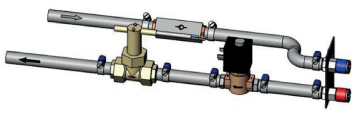
Item	Ordering no.	Denomination
1	0458 398 001	Filter
2	0458 383 991	Front grill

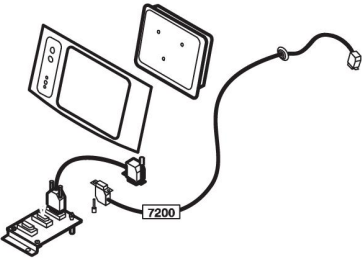
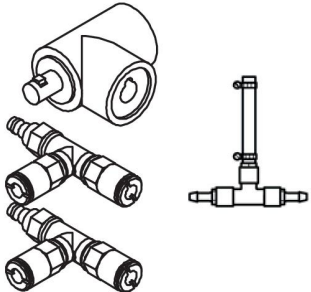
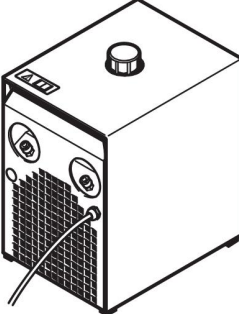


ACCESSORIES

0458 530 880	Trolley	
0458 603 880	Trolley 2 (for feeder with counterbalance device and/or 2 gas bottles)	
0458 731 880 0278 300 401	Guide pin (B) Insulating bushing, included in guide pin	
0459 145 880	Autotransformer TUA2	

0459 307 881	Handle (1 piece) with mounting screws	
0459 491 910	Remote control adapter RA12 12 pole For analogue remote controls to CAN based equipment.	
0459 491 880	Remote control unit MTA1 CAN MIG/MAG: wire feed speed and voltage MMA: current and arc force TIG: current, pulse and background current	
0459 491 882	Remote control unit M1 10Prog CAN Choice of one of 10 programs MIG/MAG: voltage deviation TIG and MMA: current deviation	
0459 491 883	Remote control unit AT1 CAN MMA and TIG: current	
0459 491 884	Remote control unit AT1 CF CAN MMA and TIG: rough and fine setting of current.	
	Remote control cable 12 pole - 4 pole	
0459 554 880	5 m	
0459 554 881	10 m	
0459 554 882	15 m	
0459 554 883	25 m	
0459 554 884	0.25 m	

	Connection set 12 pole - 12 pole	
0456 528 880	1.7 m	
0456 528 890	5 m	
0456 528 881	10 m	
0456 528 882	15 m	
0456 528 883	25 m	
0456 528 884	35 m	
	Connection set water 12 pole - 12 pole	
0456 528 885	1.7 m	
0456 528 895	5 m	
0456 528 886	10 m	
0456 528 887	15 m	
0456 528 888	25 m	
0456 528 889	35 m	
	Connection set water 12 pole cable plug - 10 pole cable socket	
0459 528 970	1.7 m	
0459 528 971	5 m	
0459 528 972	10 m	
0459 528 973	15 m	
0459 528 974	25 m	
0459 528 975	35 m	
0700 006 897	Return cable 5 m 95 mm²	
0456 855 880	Water flow guard 0.7 l/min	
0461 203 880	Water return flow guard Mech 7 m	

0459 579 880	MMC kit for power source Mig	 A diagram showing the MMC kit for a Mig power source. It includes a rectangular control unit, a smaller rectangular component, and a cable with a connector labeled '7200'.
0459 546 880	Connection set for connection of two wire feed units	 A diagram showing a connection set for two wire feed units. It includes a cylindrical component with a flange, several T-shaped connectors, and a vertical assembly with a handle.
0414 191 881	Cooling unit OCE2H	 A diagram of a rectangular cooling unit, model OCE2H. It features a control knob on top, a fan grille on the front, and a power cord.
0465 720 002	ESAB ready mixed coolant (10 l / 2.64 gal) Use of any other cooling liquid than the prescribed one might damage the equipment. In case of such damage, all warranty undertakings from ESAB cease to apply.	 A diagram of a 10-liter container of ESAB ready mixed coolant. The container is a white plastic jug with a handle and a label that reads '10 L'.

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www.esab.com



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