



USER MANUAL

SIP RESCUE PAC 3000 12V/24V

ITEM NO: 03937 (REV: 1)



PLEASE READ AND FULLY UNDERSTAND THE INSTRUCTIONS IN THIS MANUAL BEFORE OPERATION.
KEEP THIS MANUAL SAFE FOR FUTURE REFERENCE.

Contents

1	Introduction	3
1.1	Product Overview	3
1.2	Manual Version History	4
2	Warranty	5
3	Safety Instructions	6
3.1	Safety Symbols Used Throughout This Manual	6
3.2	Safety Instructions	6
4	Electrical Connections	10
5	Technical Specifications	12
5.1	Safety Features	12
6	Getting to know your SIP Rescue Pac 3000	13
6.1	Accessories	13
7	Operating Instructions	14
7.1	Charging the 03937 SIP Rescue Pac 3000 Internal Battery	14
7.2	Jump Starting a Vehicle Using the 03937 SIP Rescue Pac 3000	15
8	Maintenance	17
8.1	Care Instructions	17
8.2	Disposal	17
8.3	Battery Maintenance	17
8.4	Fuse Check and Replacement	18
9	Troubleshooting	20
9.1	Exploded Drawing and Parts List	20
10	UK - Declaration of Conformity	22
11	EU - Declaration of Conformity	23
12	Notes	24

1 Introduction

Thank You for Choosing SIP

SIP Industrial Products Ltd is a flagship supplier of high-quality machinery and equipment to the ever-growing engineering, construction, automotive and agricultural marketplaces.

As an ISO9001 approved machinery specialist, we are passionate about innovation and offering quality, value and choice, making sure that our users have the most appropriate and reliable product for the task at hand.

Welcome to Your User Manual

This manual is designed to introduce the support in place for you as an SIP customer as well as guide you through the product that you have purchased and how to use and maintain it safely and effectively.

Technical and Aftersales Support

With a dedicated service centre at head office and service engineers across the UK and Ireland, SIP are committed to providing you with the optimum support to minimise any working downtime.

Our extensive Technical, Service Engineer and Customer Service teams are on hand to support with:

- Product selection
- Servicing and maintenance advice
- Troubleshooting

Feel free to contact us for more information.

Tel: 01509 500 400

Email: customerservice@sip-group.com

1.1 Product Overview

The SIP Rescue Pac 3000 is purpose-designed for boost-starting a range of vehicles quickly and efficiently via proven AGM technology, which provides a high cranking rate.

Wherever deployed, it provides powerful boosting of motorcycles, cars, vans, boats, trucks, tractors and excavators in service, mobile and roadside environments. It also has 12v DC power supplies to power devices directly from the booster, for added flexibility not provided elsewhere.

1.2 Manual Version History

Manual Version Number	Date Published
V4.0	03/06/2026

2 Warranty

Warranty Registration

SIP proudly offer a 2 year warranty across all SIP branded machines.*

To benefit from the second warranty year, you must register within 30 days of purchase via the link or QR code below.

www.sip-group.com/warranty/register-warranty



***Excludes accessories and consumables**

3 Safety Instructions

3.1 Safety Symbols Used Throughout This Manual



Important: Please read the following instructions carefully, failure to do so could lead to serious injury, damage to the product or an invalidated warranty.



Danger/Caution: Indicates risk of personal injury and/or the possibility of damage.



Warning: Indicates risk of fire.



Warning: Indicates risk of electrocution.



Note: Supplementary Information.

3.2 Safety Instructions

When using this SIP Rescue Pac booster, basic safety precautions should always be followed to reduce the risk of fire, electric shock, personal injury (or to others) and/or damage to the product. Read all of these instructions before operating the item and save this user manual for future reference. SIP recommends that this product should not be modified or used for any application other than that for which it was designed; it was designed to supply an external power source to boost start a vehicle with a flat or damaged internal battery. If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

3.2.1 General Safety Principles

Prior to first use read and understand this owner's manual and the labels affixed to the booster. Learn its applications and limitations, as well as the potential hazards specific to it. Only trained and competent individuals may operate this booster, and **must** follow the instructions provided in this manual. **Never** operate the booster under the influence of alcohol, drugs, or medication. Children under the age of 16 years or people unfamiliar with the booster **must not** be allowed to use it.

Keep all safety guards and covers in place and functional, and **do not** bypass, disable, or modify any safety guards, safety devices or warning system. When operating the

Section 3: Safety Instructions

booster ensure that it is on a flat, level surface so that the display is easily readable during use. **Do not** balance on unstable surfaces such as the engine block, that may cause the booster to move or drop during use or when the engine starts. Ensure that jump cables from the booster are securely attached to the vehicles battery terminals during use. When the vehicle engine starts there will be vibrations and moving parts (such as auxiliary belts and radiator fans) that were stationary prior to the engine starting. Ensure that the booster and/or leads cannot fall into these moving parts or onto a hard surface once the engine starts.

Visually examine the jump leads for signs of damage to the clamps and insulation before each use. If damage to either is found, take the unit out of service immediately and contact SIP Customer Service. **Always** check the vehicle handbook or servicing information to see whether it is safe to use this product with the vehicles electrical circuit, paying particular attention to what voltage the vehicle's electrical system operates at. Using a booster that supplies the incorrect voltage to a vehicle's electrical systems during a boost can cause catastrophic damage to the vehicle's electrical circuit and onboard computers (ECU).

This booster is not designed for use in wet environments and must be kept dry at all times and must **never** be submerged in water. Do not charge the booster in a wet or damp environment.

3.2.2 Personal Protective Equipment

Personal Protective Equipment (PPE) **must** be worn during operation of the booster and personal metal items such as rings, bracelets, necklaces, and watches **must** be removed when working with a vehicle's lead acid battery that is going to be boosted. A lead acid battery can produce a short circuit current high enough to weld a ring or other metallic jewellery to metal on the battery terminals or car chassis, causing a severe burn.

Eye protection and insulating gloves must **always** be used when using the booster to start a vehicle. It is recommended that suitable controls are in place to mitigate against potential chemical spills or venting of explosive gases (e.g. spills kits and extraction).

3.2.3 Hazards During Use

Fire and Explosion Hazards: This booster uses an AGM lead-acid battery, and it is designed to boost vehicles that typically have or contain a lead acid battery. Lead acid batteries generate explosive gases when charging, are overcharged or damaged. When connecting or disconnecting jump leads from the booster to the vehicle's battery, sparks may be generated from arcing between the jump lead and the battery terminal; due to the risk of these sparks igniting possible explosive gases only use the booster in a well ventilated area. **Do not** attempt to use the booster to start a vehicle around fuel vapours as the sparks/heat may cause a fire.

Burn Hazards: The sparks potentially generated during the connection of the jump leads

Section 3: Safety Instructions

to the battery terminals may burn the user on contact. Ensure that the correctly rated PPE is worn to protect the user's eyes and skin from these sparks.

Electrical Hazards: This booster is not designed to replace the vehicle battery, **do not** attempt to boost start a vehicle that does not have a lead acid battery fitted. **Never** attempt to boost a vehicle with a frozen lead acid battery. **Always** consult the vehicle handbook on whether the vehicle is positively or negatively earthed before connecting the jump leads.

Never allow the red and black clamp cables of the booster to come into contact with each other or allow them to contact a common conductor. The booster internal battery stores a large amount of energy, short circuiting the vehicle battery or booster terminals will cause the battery to attempt to release the energy immediately. This may damage the unit, damage the vehicle electronics, cause a fire or personal injury/death by electrocution.

When charging the booster from a mains electrical supply, **only** use the charger supplied with the booster. Using a non-original charger may cause overcharging of the booster, leading to a fire. **Never** attempt to boost a vehicle whilst the booster is being charged from a mains electrical supply.

Do not use the product if the jump leads are damaged. **Always** visually inspect the leads before each use and keep leads away from heat, oil and sharp edges/surfaces. Repeated use of the product will cause the leads to get hot, if they become hot to touch, allow to cool before further use.

Chemical Hazards: The AGM battery used in this booster is sealed, however damage may cause certain elements to escape. These chemicals are hazardous and if it is suspected that they are leaking, the unit should immediately be taken out of service and contact SIP Customer Service for advice.

3.2.4 Residual Risks

Damage from knocks, drops and other impacts may occur internally that are not visible from the exterior of the booster. If these events occur the unit must immediately be taken out of service and sent to an approved SIP Service Agent for inspection.

3.2.5 Safety Devices

12 V DC Outlet Short-circuit Protection: The 03937 SIP Rescue Pac 3000 has an internal overload switch to prevent plugged in devices from allowing a short-circuit of the internal battery.

Reverse Polarity Alarm: An internal protective circuit sounds an alarm when the jump cables are incorrectly connected to the opposite polarity of the jump cable (e.g. positive to negative).

Section 3: Safety Instructions

500 A in-line fuse: The red jump cable contains an integrated 500 A protective fuse to prevent damage to the vehicle being boosted.

3.2.6 Maintenance and Servicing Safety

This booster is not designed to be serviced by the end user and must only be serviced by an authorised SIP Service Agent. **Do not** attempt to open the unit to access the components inside and **do not** attempt to replace any of the boosters components.

To prolong the life of the battery contained within the booster pack **always** ensure that it is charged as per the instructions in Section 8.3 of this manual.

3.2.7 Disposal Safety

As this product contains lead acid batteries, it should not be disposed of in normal household waste or recycling. Please contact your local household recycling authority for advice.

3.2.8 Storage

When the booster is not in use, store it with the jump lead clamps firmly attached to the receiving lugs on the body of the unit. Store in a confined, clean, dry, and ventilated area, and out of reach of children and unauthorized persons. The booster **must not** be allowed to exceed temperatures of 50°C.

4 Electrical Connections

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe.

You must inspect power cables, plugs, sockets and any other connectors for wear or damage.

You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices; a Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by a Residual Current Breaker with Over-Current (RCBO). If in any doubt consult a qualified electrician.

Never carry this product by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid unwanted hazards. **Always** disconnect from the power supply when not in use.



Danger/Caution: The wires in the power cable of this product are coloured in accordance with the following code: Blue = Neutral, Brown = Live, Yellow and Green = Earth.

This appliance is fitted with a plug which is moulded onto the electric cable (i.e. non-rewirable) please note:

1. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from most electrical stockists.
5. The fuse in the plug must be replaced with one of the same rating (13 A) and this replacement must be ASTA approved to BS1362.



Warning: Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved plug with the correct rated fuse. If in doubt consult a qualified electrician.



Note: Always make sure the mains supply is of the correct voltage and amperage and the correct fuse protection is used. In the event of replacing the fuse, always replace the fuse with the same value as the original.



Note: If an extension lead is required in order to reach the mains supply; ensure that this too is rated for the correct voltage and fuse rating.



Note: The cross section of the extension lead should be checked so that it is of sufficient size to reduce the chances of voltage drops.

5 Technical Specifications

THESE TECHNICAL SPECIFICATIONS ARE FOR THE REVISION 1 OF THIS PRODUCT (AUGUST 2026 - ONWARDS). THIS IS IDENTIFIABLE FROM THE RATING LABEL ON THE FRONT OF THE UNIT. PLEASE CONSULT THE SIP WEBSITE FOR THE MANUAL OF THE REVISION 0 PRODUCT.

Parameter	Value
Output Voltage	12 V and 24 V
Peak Current	3000 A @ 12 V; 1500 A @ 24 V
Cranking Current	1200 A @ 12 V; 600 A @ 24 V
Battery Technology	AGM
Battery Capacity	2 x 22 Ah
Jump Lead Length	1000 mm
Input Supply (Charging)	15.2 V DC; 4 A
Net Weight	17.6 kg
Gross Weight	19.0 kg
Product Dimensions	(H) 340 x (W) 285 x (D) 230mm
Packaged Dimensions	(H) 390 x (W) 355 x (D) 285mm

5.1 Safety Features

Feature	Description
12 V DC Outlet Short circuit Protection	The 03937 SIP Rescue Pac 3000 has an internal overload switch to prevent plugged in devices from allowing a short circuit of the internal battery.
Reverse Polarity Alarm	An internal protective circuit sounds an alarm when the jump cables are incorrectly connected to the opposite polarity of the jump cable (e.g. positive to negative).
500 A in-line fuse	The red jump cable contains an integrated 500 A protective fuse to prevent damage to the vehicle being boosted.

6 Getting to know your SIP Rescue Pac 3000



Figure 1: Points of interest on the 03937 SIP Rescue Pac 3000.

Item	Description
1	Reverse Polarity Indicator
2	Charging Status Indicator
3	Charge Level Test Button
4	12 V DC Outlet (x2)
5	Charge Level LEDs
6	Charging Port
7	12 V / OFF / 24 V Switch
8	Negative (Black) Clamp
9	Positive (Red) Clamp
10	In-line Fuse

6.1 Accessories

Quantity	Description
1	4 A UK Mains Charger

7 Operating Instructions



Caution: Always ensure the Positive (Red) Clamp (9) and Negative(Black) Clamp (8) are connected securely to the vehicle's connection points and in the correct polarity before switching on the booster.



Danger: Never allow the Positive (Red) Clamp (9) and Negative(Black) Clamp (8) contacts to touch. This may cause a short circuit which could result in damage, fire, explosion and severe personal injury.



Danger: To avoid the risk of fire, combustion, and explosion, always operate and charge on a non-flammable surface and away from flammable substances and gases (e.g. petrol).

7.1 Charging the 03937 SIP Rescue Pac 3000 Internal Battery



Caution: The Rescue Pac 3000 must not be used for 60 minutes after charging, allow the battery voltage to stabilise, cool and for any gas produced during charging to escape.



Note: The internal battery of the Rescue Pac 3000 should be charged before initial operation for 48 hours. When not in use for extended periods, the Rescue Pac should be charged every 1 month to ensure long, trouble-free, battery life.



Note: The battery charge level should be checked when the Rescue Pac has been at rest for 60 minutes, not whilst, or just after it has been connected to a load or the charger.

THE REVISION 1 OF THIS PRODUCT (AUGUST 2026 - ONWARDS) HAS A FASTER CHARGING CAPABILITY TO THE REVISION 0 UNIT. DO NOT USE THE REVISION 1 CHARGER ON A REVISION 0 03937 RESCUE PAC. THE PRODUCT VERSION IS IDENTIFIABLE FROM THE RATING LABEL ON THE FRONT OF THE UNIT. PLEASE CONSULT THE SIP WEBSITE FOR THE MANUAL OF THE REVISION 0 PRODUCT.

Always ensure the AGM battery of the Rescue Pac is fully charged before use. See Section 8.3 for battery maintenance instructions. To check that the Rescue Pac is charged, press and hold the charge level test button (3). The Low, Medium or High LED will illuminate to indicate the battery charge level.

To charge the internal AGM battery:

- Connect the supplied mains charger to a 230 V / 50 Hz supply.

- Connect the DC output of the charger to the charging input on the front of the Rescue Pac 3000.
- Turn on the mains electrical supply.
- Turn the Rescue Pac on, selecting the 12 V position only on the 12 V / OFF / 24 V Switch (7). The alarm will sound if not switched on. The Charging Status Indicator (2) will illuminate to show that the Rescue Pac is being charged. When it turns to green the Rescue Pac is charged.

7.2 Jump Starting a Vehicle Using the 03937 SIP Rescue Pac 3000

THIS PRODUCT IS RATED TO BE USED ON A VEHICLE WHICH HAS EITHER A 12 V OR 24 V BATTERY AND ELECTRICAL SYSTEM, PLEASE CHECK THIS BEFORE USE. ALWAYS ENSURE THAT THE 12 / 24 V SWITCH (2) IS IN THE CORRECT POSITION FOR THE CORRESPONDING VOLTAGE BEFORE OPERATION.



Warning: Do not leave the Rescue Pac connected to the battery once the vehicle has started. Failure to do this will cause the batteries to overheat and induce “gassing”. Failure to disconnect from a running vehicle could result in an explosion/fire and personal injury.



Note: Some classic vehicles or vehicles manufactured in certain parts of the world may use a positive earthing system, rather than the negative earthing system used in most vehicles. If you suspect that the vehicle is positively earthed please contact SIP Customer Support for advice on how to proceed.

- Turn off the vehicle ignition switch and all other function (lights, radio, etc.) before making any cable connections.
- Place the vehicle in neutral and apply the handbrake.
- Connect the Positive (Red) Clamp (9) to the positive battery terminal on the vehicle.
- Connect the Negative(Black) Battery Clamp (8) to the chassis or a solid, stationary, metal vehicle component or vehicle body part. Be aware that vehicle batteries, especially lead-acid batteries, can release hydrogen gas. Connecting the negative clamp may create a small spark which is unsafe if the battery has released any hydrogen gas. Only connect the Negative(Black) Clamp (8) directly to the negative battery terminal if you feel it is safe to do so. **Never** connect the clamp to a moving part.

Section 7: Operating Instructions

- Turn the 12 V/OFF/24 V Switch (7) to the correct position that corresponds to the electrical system of the vehicle.
- Leave the Rescue Pac connected for a few minutes to allow some charge from the Rescue Pac to flow into the battery of the vehicle.
- Start the vehicle as normal.
- Only crank the engine for 5-6 seconds, then leave for 3-4 minutes for the battery to rest and prevent "gassing". Failure to follow this procedure could lead to battery "gassing" and a potential explosion and/or fire, resulting in personal injury.
- Immediately after the vehicle has started, disconnect the Negative(Black) Battery Clamp (8) first, then the Positive(Red) Clamp (9), clamping both back onto the clamp holders on the Rescue Pac. Do not leave the Rescue Pac connected to the battery of a running vehicle.
- Turn the 12/OFF/24 V Switch (7) to the "OFF" Position.
- Recharge the Rescue Pac after each use.

8 Maintenance

8.1 Care Instructions



Caution: To prevent serious injury, unplug the Rescue Pac and ensure the 12 V/24 V Switch (7) and all accessories are unplugged, and the unit has cooled completely before carrying out any cleaning and inspection.

In order to prolong the life of the Rescue Pac the following care steps should be followed:

- Before each use and monthly when in storage, inspect the general condition of the unit. Check for loose hardware, misalignment or binding of moving parts, cracked or broken parts, damage or wear to the clamp electrical cables, leakage from batteries, or any other change in the unit or condition that may affect safe operation. If any unwanted changes are noticed, please contact SIP for advice.
- Keep the Rescue Pac clean and free of dirt, debris, and grease. Use a clean dry cloth to wipe clean the external surfaces.
- Keep the Rescue Pac out of sunlight and do not store in areas of high humidity.
- Do not store the Rescue Pac where the temperature will fluctuate drastically or in areas of extreme hot or extreme cold.
- Do not store the Rescue Pac near or around heavy or sharp items which may damage the product.

8.2 Disposal

As this product contains lead acid batteries, it should not be disposed of in normal household waste or recycling. Please contact your local household recycling authority for advice. It is not recommended to attempt to disassemble this product in order to separate the batteries, electronics etc prior to disposal.

8.3 Battery Maintenance

To maintain the battery health:

- Recharge every 30 days and after each use.

- Avoid storing the Rescue Pac in areas where there are major temperature fluctuations as this can accelerate battery discharge.
- Check the unit before each use, and monthly during storage, for issues like battery leaks.
- Charge the unit with the provided charger. In the case that the charger is misplaced or damaged, contact SIP for replacement.
- **Never** use the Recue Pac if the internal battery is not fully charged, it may stop working under heavy loads if it cannot deliver sufficient voltage. This can lead to damage of the vehicle's electronics.
- Failure to keep the internal battery charged will lead to permanent battery damage and void the warranty.

8.4 Fuse Check and Replacement

THE IN LINE FUSE IS ONLY FITTED TO THE REVISION 1 OF THIS PRODUCT (AUGUST 2026 - ONWARDS).

A 500 A protective fuse is integrated in the red clamp cable to prevent damage to the vehicle.

Before each use check the fuse is still working by pressing the button on the fuse device as shown in Figure 2. A Green LED means that the fuse is working correctly; no light means that the fuse must be replaced.



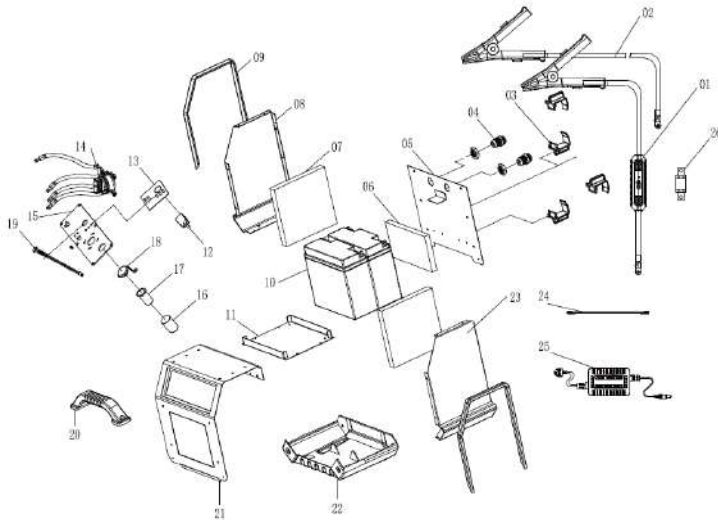
Figure 2: The protective fuse integrated in the 03937 SIP Rescue Pac 3000 jump cable.

To replace the fuse unscrew the four screws, remove the cover and replace the 500 A fuse. Then refit the cover and tighten the screws.

9 Troubleshooting

9.1 Exploded Drawing and Parts List

THIS EXPLODED DIAGRAM AND CORRESPONDING PARTS LIST IS FOR THE REVISION 1 OF THIS PRODUCT (AUGUST 2026 - ONWARDS) ONLY. THIS IS IDENTIFIABLE FROM THE RATING LABEL ON THE FRONT OF THE UNIT. PLEASE CONSULT THE SIP WEBSITE FOR THE MANUAL OF THE REVISION 0 PRODUCT.



Ref No	Description	SIP Product Code
1	Red clamp cable with fuse holder	BA03-00001
2	Black clamp cable	BA03-00002
3	Cable rolling bracket	BA03-00003
4	Output fixing clip	BA03-00004
5	Rear case	BA03-00005
6	Rear gasket for battery	BA03-00006

Ref No	Description	SIP Product Code
7	Side gasket for battery	BA03-00007
8	Black left case	BA03-00008
9	Exterior trim	BA03-00009
10	2 x Lead-acid battery (22 Ah)	BA03-00010
11	Battery bottom cushion	BA03-00011
12	15 A circuit breaker	BA03-00012
13	PCB	BA03-00013
14	12 V / 24 V switch assembly	BA03-00014
15	Black front panel	BA03-00015
16	12 V outlet negative terminal	BA03-00016
17	12 V outlet positive terminal	BA03-00017
18	Socket cap	BA03-00018
19	Test switch	BA03-00019
20	Black handle	BA03-00020
21	Front case	BA03-00021
22	Black bottom cushion	BA03-00022
23	Right case (black)	BA03-00023
24	Inner cable	BA03-00024
25	4 A charger	BA03-00025
26	500 A fuse	BA03-00026

10 UK - Declaration of Conformity

We, SIP (Industrial Products) Ltd, Gelders Hall Road, Shepshed, Loughborough,
Leicestershire, LE12 9NH, United Kingdom

As the manufacturer within the UK, England, Scotland and Wales, declare that the

SIP Rescue Pac 3000 - 03937 (REV:1)

Conforms to the requirements of the following regulation(s), as indicated:

Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility Regulations 2016

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

And the relevant designated standard(s), including:

BS EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021+A16:2023

BS EN 62233:2008

BS EN 61000-6-3:2007+A1:2011

The following technical standards have been applied:

BS EN 60335-2-29:2021+A1:2021+A11:2024

BS IEC 61000-6-1:2019

BS EN 61000-3-3:2013+A1:2019+A2:2021

BS EN IEC 61000-3-2:2019+A1:2021+A2:2024

BS EN IEC 55014-1:2021

BS EN IEC 55014-2:2021



Mr. P Ippaso - Managing Director

SIP (Industrial Products) Ltd

Date: 03/06/2026



11 EU - Declaration of Conformity

We, SIP (Machinery Europe) Ltd, ASM, Block One, Quayside Business Park, Dundalk,
County Louth, A91 DP8R, Republic of Ireland

As the manufacturer's authorised representative within the EC, declare that the

SIP Rescue Pac 3000 - 03937 (REV:1)

Conforms to the requirements of the following directive(s), as indicated:

2014/35/EU	Low Voltage (LVD) Directive
2014/30/EU	Electromagnetic Compatibility (EMC) Directive
2011/65/EU	Restriction of Hazardous Substances (RoHS) Directive

And the relevant harmonised standard(s), including:

EN 60335-2-29:2021+A1:2021+A11:2024
EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021+A16:2023
EN 62233:2008
EN 61000-3-3:2013+A1:2019+A2:2021
EN IEC 61000-3-2:2019+A1:2021+A2:2024
EN IEC 55014-1:2021
EN IEC 55014-2:2021

The following technical standards have been applied:

EN 61000-6-3:2007+A1:2011
IEC 61000-6-1:2019



Mr. P Ippaso - Managing Director
SIP (Machinery Europe Ltd)
Date: 03/06/2026





Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.



Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised recycling agent. This will allow the recycling of raw materials and help protect the environment.

**FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT
YOUR DISTRIBUTOR OR SIP DIRECTLY ON:**

T: 01509 500400

E: sales@sip-group.com or customerservice@sip-group.com



SIP (INDUSTRIAL PRODUCTS) LTD

Gelders Hall Road, Shepshed, Loughborough,
Leicestershire, LE12 9NH, UK

www.sip-group.com

SIP (MACHINERY EUROPE) LTD

ASM, Block One, Quayside Business Park, Mill Street,
Dundalk, Co. Louth, A91 DP8R, Ireland

www.sip-group.eu

