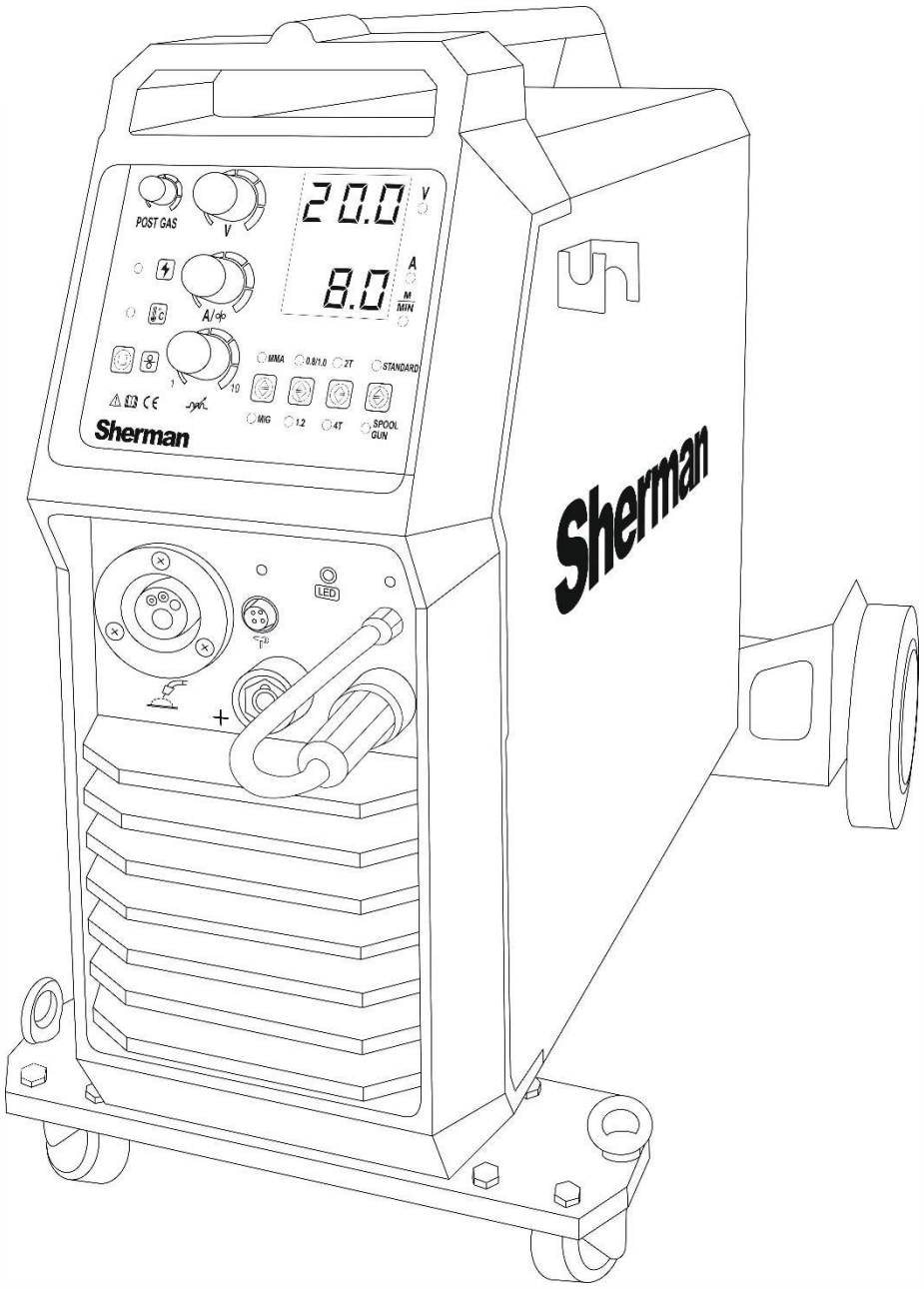
Sherman

ENG V2.2 24/07/26

USER MANUAL

SEMI-AUTOMATIC INVERTER WELDING MACHINE
MIG 261M – MIG 300M – MIG351M



CE



WARNING!
Before installing and starting the appliance, please refer to this manual

1. GENERAL COMMENTS

The device can only be commissioned and operated after carefully reading these Operating Instructions.

Due to the continuous technical development of the device, some of its functions may be modified and their operation may differ in detail from the descriptions in the manual. This is not a fault of the device, but the result of progress and continuous modification work of the device.

Damage to the device caused by improper operation will void your warranty rights.
Any modifications to the charger are prohibited and will void the warranty.

2. SAFETY

Employees operating the device should have the necessary qualifications to perform welding work:
- they should have an electric welder license in the field of welding with coated electrodes and in gas,
- know the health and safety rules in the operation of electric power equipment, such as welding equipment and auxiliary equipment powered by electricity,
- know the rules of health and safety when operating cylinders and installations with compressed gas (argon),
- Be familiar with the contents of this manual and operate the appliance for its intended purpose.



WARNING



Welding may endanger the safety of the operator and other people in the vicinity. Therefore, special precautions must be taken when welding. Before starting welding, you should familiarize yourself with the health and safety regulations applicable at the workplace.
The following hazards exist during electric welding with coated electrodes and the MIG/MAG process:
- **ELECTRIC SHOCK**
- **NEGATIVE EFFECTS OF THE ARC ON HUMAN EYES AND SKIN**
- **VAPOR AND GAS POISONING**
- **BURNS**
- **EXPLOSION AND FIRE HAZARDS**
- **NOISE**

Electric shock prevention:
- connect the device to a technically efficient electrical system with proper protection and proper protection and effectiveness of protection grounding
- (additional protection against electric shock); other devices at the welder's workplace should also be checked and correctly connected to the network,
- install power cables when the device is switched off,
- Do not touch the non-insulated parts of the electrode torch, electrode and welded object at the same time, including the device housing,
- do not use torchs and power cords with damaged insulation,
- in conditions of particular risk of electric shock (work in environments with high humidity and closed tanks), work with an assistant supporting the welder's work and watching over safety, use clothing and gloves with good insulating properties,
- if you notice any irregularities, you should contact competent people to remove them,
- It is forbidden to operate the device with the covers removed.

Preventing the negative effects of the electric arc on the eyes and skin of a person:
- Wear protective clothing (gloves, apron, leather shoes),
- Use protective shields or visors with a properly selected filter,
- Use protective curtains made of non-flammable materials and properly choose the colors of the walls that absorb harmful radiation.

Prevention of poisoning by vapours and gases emitted during welding from the electrode coating and metal evaporation:
- Use ventilation devices and exhausts installed in positions with limited air exchange,
- Blow fresh air when working in confined spaces (tanks),
- Use masks and ventilators.

Burn prevention:
- Wear appropriate protective clothing and footwear to protect against burns caused by arc radiation and spatter,
- Avoid staining the garment with greases and oils that may lead to its inflammation.

Explosion and fire prevention:
- It is forbidden to operate the device and weld in rooms at risk of explosion or fire,
- The welding station should be equipped with fire-fighting equipment,
- The welding station should be located at a safe distance from flammable materials.

Preventing the negative effects of noise:
- Use earplugs or other noise protection equipment,
- Warn of danger to people nearby.



WARNING!

Do not use a power source to defrost frozen pipes.

Before starting the device, you should:
- Check the condition of electrical and mechanical connections. It is forbidden to use torchs and power cords with damaged insulation. Improper insulation of torchs and power wires may result in electric shock,
- Ensure proper working conditions, i.e. ensure proper temperature, humidity and ventilation in the workplace. Outside closed rooms, protect against precipitation,
- Place the charger in a place that allows it to be easily operated.

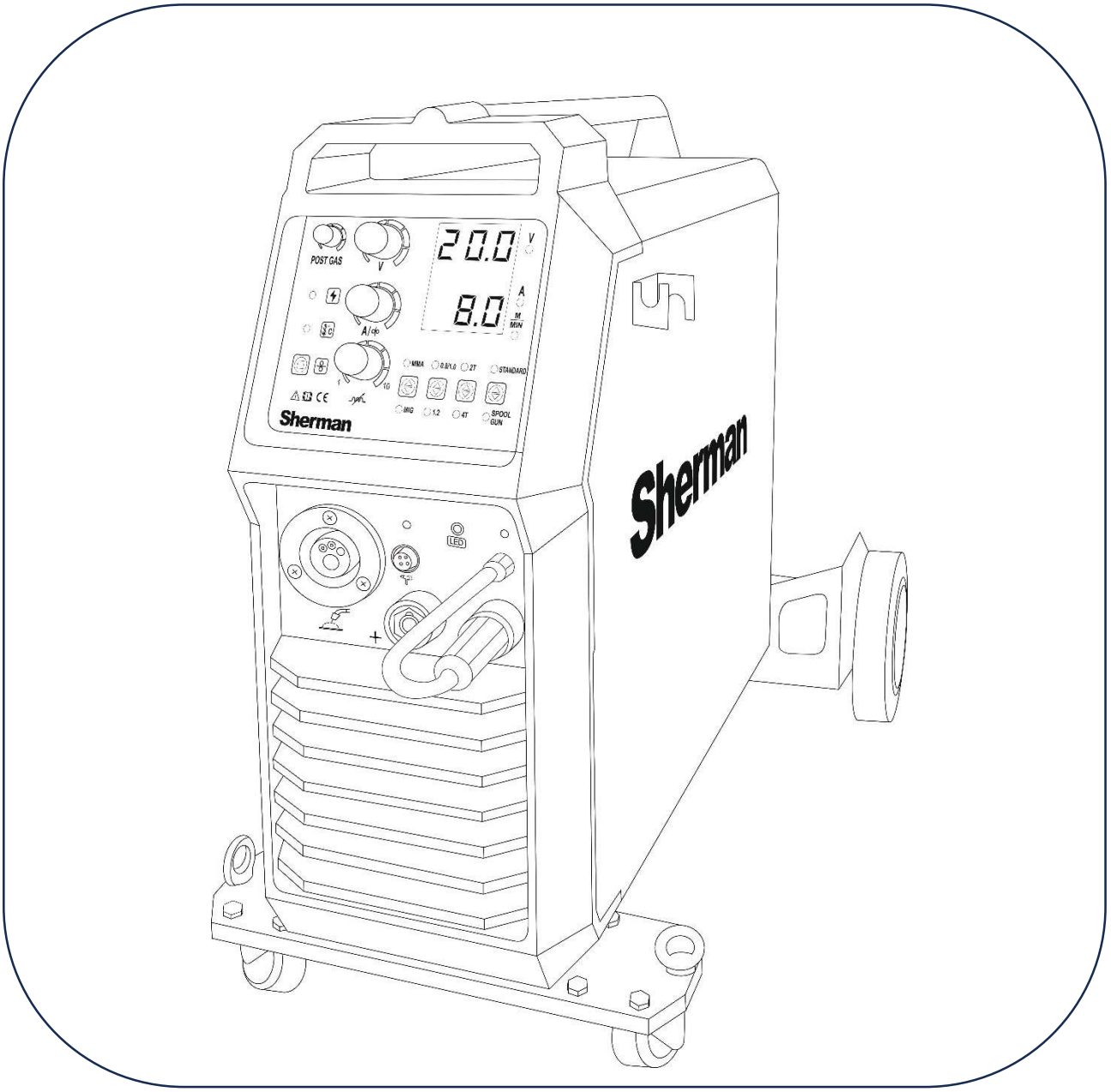
Welding machine operators should:
- be licensed for electric welding with coated electrodes and the MIG/MAG process,
- know and comply with health and safety regulations applicable when performing welding work,
- use appropriate, specialized protective equipment: gloves, apron, rubber shoes, welding shield or visor with a properly selected filter,
- Know the contents of this instruction manual and operate the welding machine as intended.

Any repairs to the appliance may only be carried out by unplugging the plug from the power socket.
When the appliance is connected to the mains, it is not allowed to touch any components that make up the welding current circuit with your bare hand or through damp clothing.
It is forbidden to remove the external covers when the device is plugged in.
Any modifications to the charger on your own are prohibited and may impair safety conditions.
All maintenance and renovation work may only be carried out by authorized persons in compliance with the occupational safety conditions applicable to electrical equipment.
It is forbidden to operate the welding machine in rooms with a risk of explosion or fire!
The welding station should be equipped with fire-extinguishing equipment.
When you have finished working, the power cord of the appliance must be unplugged.

The hazards and general health and safety rules presented above do not exhaust the issue of welder's work safety, as they do not take into account the specifics of the workplace. An important complement to them are workplace health and safety instructions as well as training and instructions provided by supervision employees.

3. GENERAL DESCRIPTION

The MIG 261M, MIG 300M and MIG 351M semi-automatic welding machines are inverter devices designed for manual welding of steel and non-ferrous metals with a coated electrode (MMA process), as well as the MIG/MAG process using a standard MIG/MAG welding torch and a Spool Gun (optional). They enable MIG/MAG welding using both standard shielded gas wires and self-shielding powder wires.
The devices are used in closed or covered rooms, not exposed to direct atmospheric influences.
The MIG 300M and MIG 351M welding machines are powered by a 3x400V three-phase network. The MIG 261M has the ability to power from a single-phase 230V network as well as a three-phase 3x400V network.
The devices work with D200 (5 kg) and D300 (15 kg) wire spools.
The MIG/MAG option of the Spool Gun (SG) allows a second SG torch to be connected in parallel with a mini wire feeder and a D100 spool of steel or colored wire, so you can weld with two different wires without having to retool. The torch is selected via the operating mode switch. A time-saving solution when you need to weld different materials or occasionally use different wire thicknesses.
The devices are equipped with a Fan Stop function that turns off the fan when the welding machine is loaded low, which reduces noise and improves the comfort of using the welding machines.
The design and face panels for the MIG 261M, MIG 300M and MIG 351M are identical, the devices differ only in parameters and welding torches.



4. TECHNICAL PARAMETERS

4.1 Welding Machine

	MIG 261M	MIG 300M	MIG 351M
Supply Voltage:	AC 230 V, AC 3x400 V	AC 3x400 V	AC 3x400 V
Maximum power consumption:	9.4 kVA (3x 400 V)	10 kVA	14.7 kVA
Rated Welding Current:/ Duty Cycle	250A / 60%	300A / 60%	350A / 60%
Welding Current Regulation Range (MIG):	50 – 250 A	50 - 300 A	50 - 350 A
Welding Current (MMA) Control Range:	50 – 250 A	60 - 300 A	60 - 350 A
Max welding current for Spool Gun chuck:	150 A	150 A	150 A
Rated No-Load Voltage (MMA)	59 V	59 V	70 V
Wire spool diameters:	200mm, 300mm	200mm, 300mm	200mm, 300mm
Wire feeding speed adjustment range:	2 – 16 m/min	2 – 18 m/min	2 – 18 m/min
Time adjustment range for functions POST GAS:	1 – 10 s	1 – 10 s	1 – 10 s
Weight:	44 kg	48 kg	51 kg
Dimensions [mm]:	895 x 505 x 770	895 x 505 x 770	895 x 505 x 770
Degree of protection:	IP21S	IP21S	IP21S
Network security	16 A (3x400V), 25 A (230V)	16 A	20 A

4.2 MIG Torch

	MIG 261M	MIG 300M	MIG 351M
Torch Type	TW-25	TW-36	TW-36
Maximum current carrying capacity	250A (CO2)	320A (CO2)	350A (CO2)
Cooling Type	gas	gas	gas
Refrigerant Gas Flow	10-18 l/min	10-18 l/min	10-18 l/min
Length	3 m	3 m	3 m

4.3 Spool Gun Torch (Optional)

Torch Type	Spool Gun M-15
Maximum current carrying capacity	150 A
Recommended Welding Wire Diameter	0.6-1.0mm
Wire feed speed	1-13 m/min
Length	3 m

Duty cycle

The duty cycle is based on a 10-minute period. A 60% duty cycle means that a 4-minute break is required after 6 minutes of operation of the device. A 100% duty cycle means that the device can operate continuously, without interruptions.

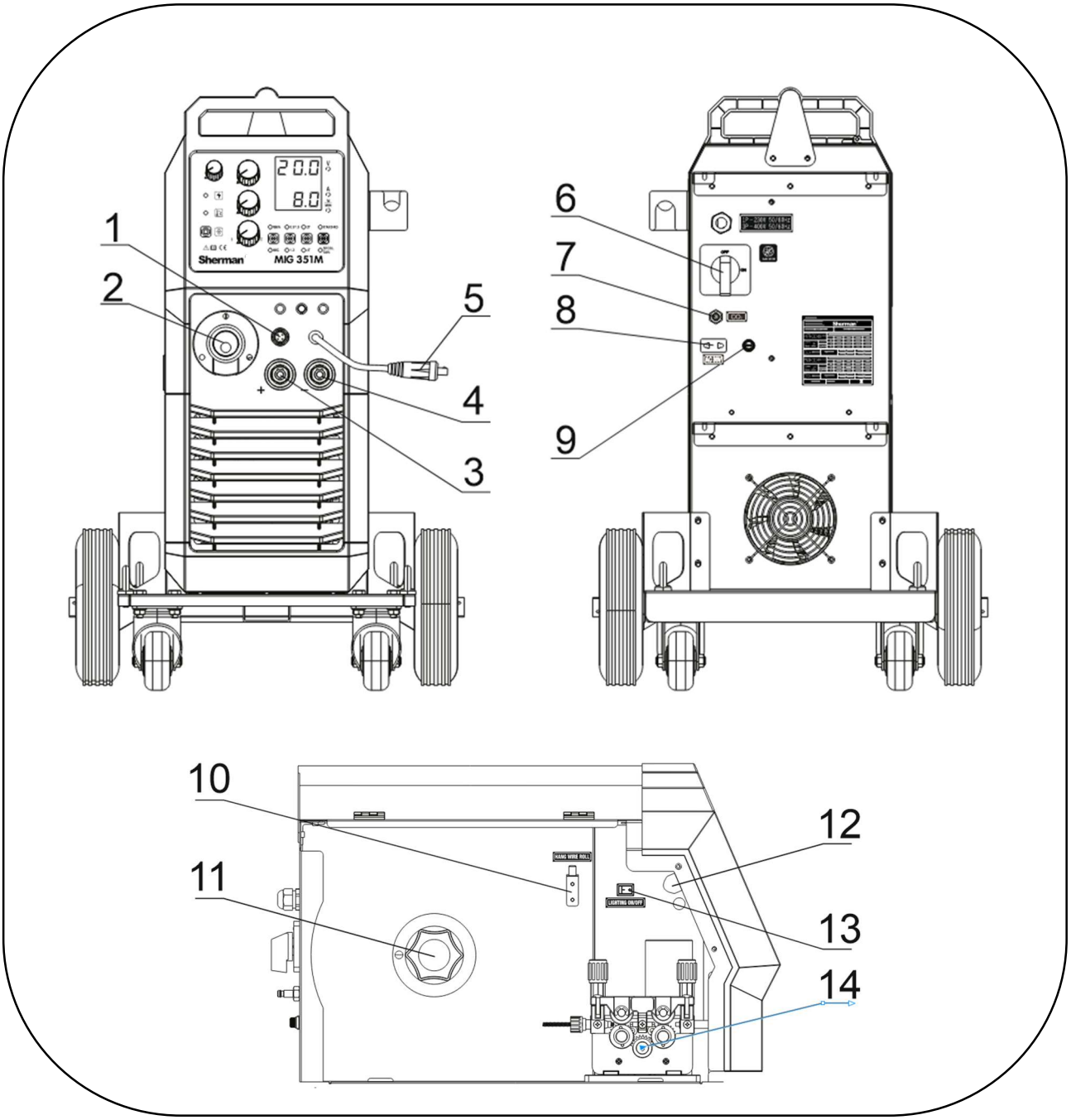
Attention! Heating tests were carried out at the temperature of the surrounding air. The duty cycle at 40ºCwas determined by simulation.

Degree of protection

IP determines the extent to which the device is resistant to the ingress of solid and water contaminants. IP21 means that the device is suitable for indoor use and is not suitable for use in the rain.

5. PREPARING THE DEVICE FOR OPERATION

If the device is stored or transported in freezing conditions, bring the device to a temperature above zero before starting work.

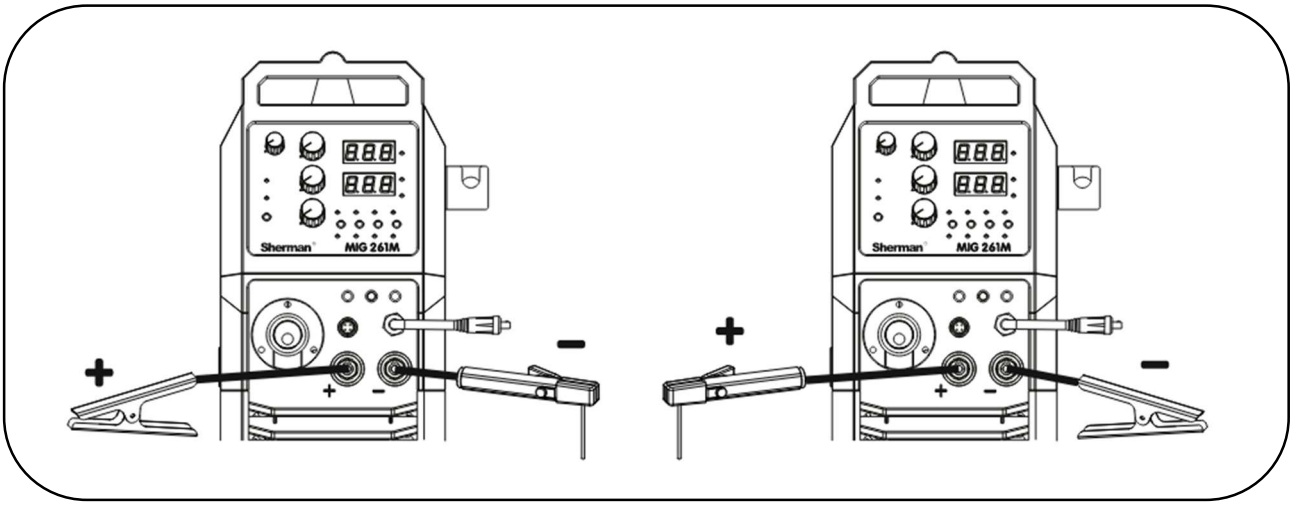


1. Spool Gun Chuck Control Socket
2. MIG Torch Socket
3. Positive polarity socket
4. Negative polarity socket
5. Polarity change plug
6. Power Switch
7. Shielding gas connection
8. AC 36V Gas Heater Power Socket
9. Fuse
10. Roller hanger
11. Wire spool shank
12. Feeder chamber lighting
13. Feeder compartment light switch
14. Wire feeder

5.1 Connecting the Wires

5.1.1 MMA process

Connect the ends of the welding wires to the sockets (3) and (4) on the faceplate so that the electrode torch has the correct pole for the electrode. The polarity of the connection of the welding wires depends on the type of electrode used and is indicated on the electrode packaging (DCEN negative polarity or DCEP positive polarity). The return wire clamp must be carefully fixed to the welded material. Connect the appliance plug to a 230V 50Hz mains socket.

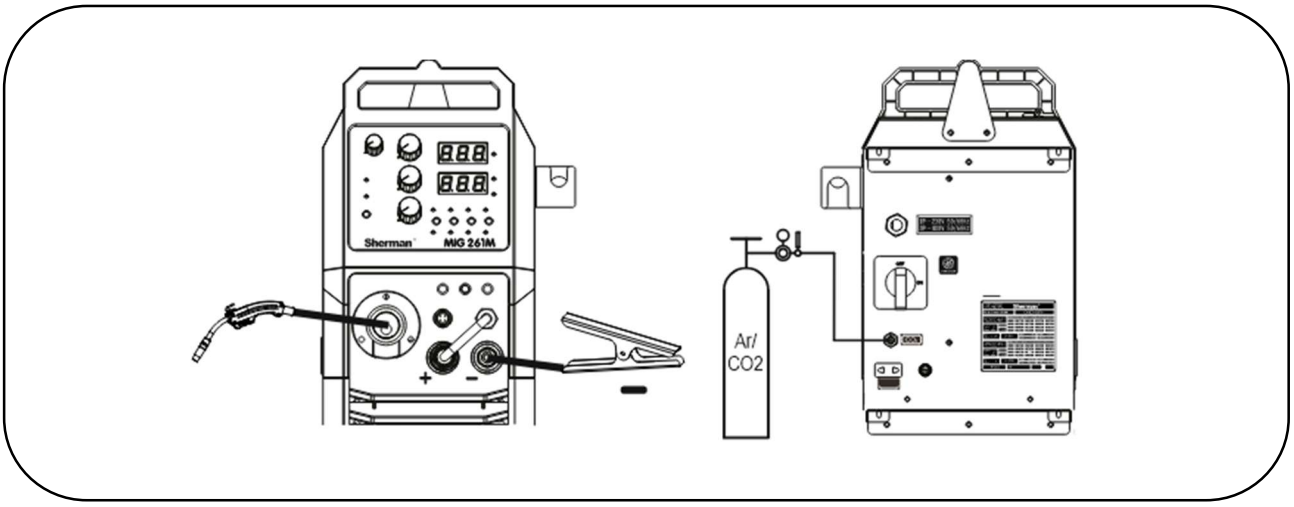


DCEN DCEP

5.1.2 MIG Process and Brazing

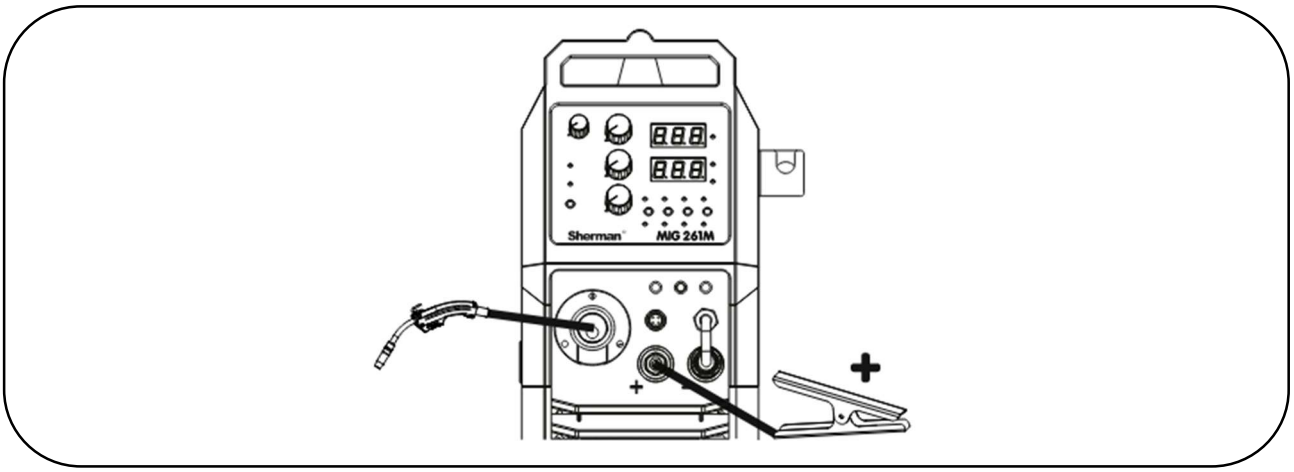
5.1.2.1 Shielded Gas Welding and Brazing

The current clamp of the torch must be connected to the MIG socket (2). The gas hose from the reducer must be routed and attached to the gas connector (7) located on the back of the appliance. Place the polarity change plug (5) in the "+" slot (3). Connect the negative pole of the source (4) to the welded material using a clamp cable. Connect the appliance plug to a 230V 50Hz mains socket. Switch the switch (C) located on the front panel to the Standard position.



5.1.2.2 Welding with Steel Self-Shielding Wire

The current clamp of the torch must be connected to the MIG socket (2). Place the polarity change plug (5) in the "-" slot (4). Connect the positive pole of the source (3) to the welded material using a clamp cable. Connect the appliance plug to a 230V 50Hz mains socket.
Switch (C) on the front panel to Standard.



5.1.2.3 Spool Gun Welding (Optional)

The current clamp of the torch must be connected to the MIG socket (2). Place the polarity change plug (5) in the "+" slot (3). Connect the negative pole of the source (4) to the welded material using a clamp cable. For self-shielding wire welding, place the polarity change plug (5) in the "-" slot (4) and place the ground wire plug in the "+" slot (3).
Connect the appliance plug to a 230V 50Hz mains socket.
Switch (C) located on the front panel to the Spool Gun position.

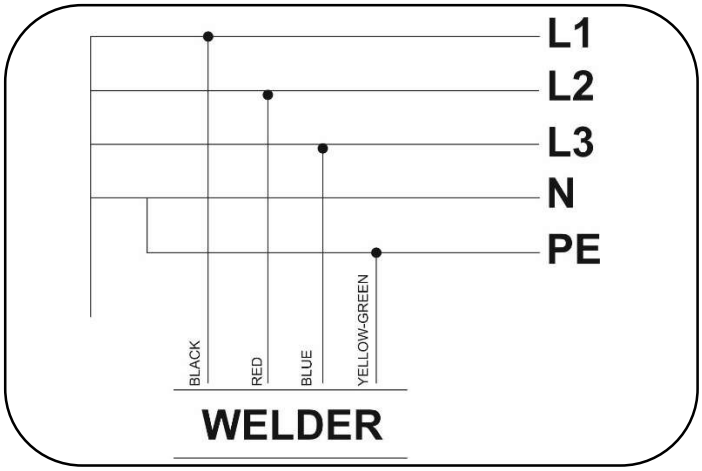
5.2 Shielding Gas Connection

1. Fix the cylinder and secure it from tipping over.
2. Unscrew the cylinder valve for a moment to remove any debris.
3. Install the reducer on the cylinder.
4. Connect the reducer to the welding machine with a hose.
5. Unscrew the cylinder and reducer valve.

5.3 Connection to the power supply network

1. The MIG 300M and MIG 351M should only be used in a three-phase, four-wire, grounded power supply system. The MIG 261M can be used in a single-phase, three-wire power supply system with a grounded point as well as in a three-phase, four-wire, grounded power supply system.
2. The MIG 261M, MIG 300M and MIG 351M semi-automatic welding machines are designed to work with a 3x400V 50Hz network protected by 16A delay-acting fuses. The MIG 261M is additionally adapted to work with a 230V 50Hz network protected by 32A delay-acting fuses.
3. The devices are equipped with a cable and a three-phase power plug. Before connecting the power supply, make sure the power switch is in the OFF (off) position.

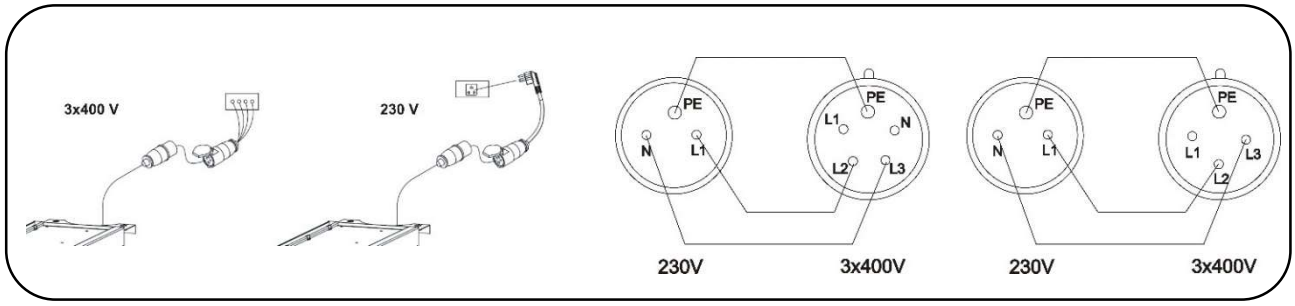
5.3.1 Connecting the power cords to the three-phase mains plug



The yellow-green cable (protective wire) must be connected to the mains plug in the place marked with the symbol "PE" or "N".
The black, red, blue wires are the cables that supply power to the device (phase) and must be connected to the mains plug in the places marked with the symbols L1, L2, L3 or R1, S2, T3. The order in which the phase wires are connected to the plug in the marked places is arbitrary and does not cause any changes in the operation of the device.

5.3.2 Connecting the MIG 261M to the 230 V and 3x400 V mains

The MIG 261M welding machine is equipped with a three-phase plug. To connect the device to the 3x400V mains, the plug must be placed directly in the power socket. To connect the welding machine to a single-phase network, use an "adapter" according to the diagram below:



5.4 Fitting the Electrode Wire Spool

1. Open the side cover of the case
2. Check that the drive rollers are suitable for the type and diameter of the wire
3. Attach the electrode wire spool to the stem
4. Protect the spool from falling
5. Release the pressure of the feed rollers
6. Blunt the end of the electrode wire
7. Feed the wire through the feeder drive roller into the torch
8. Press the wire into the grooves of the drive roller
9. Remove the contact tip from the torch, turn on the power to the welder, and press the wire eject button (G) or the torch control button
10. When the electrode wire appears in the outlet of the torch, release the button and screw on the contact tip
11. Adjust the pressure force of the feeder roller by turning the pressure knob. Too little clamping force will result in the drive roller slipping, too much clamping force will cause the feeding resistance to increase, which may lead to wire deformation and damage to the feeder.

5.5 Preparing the MIG Torch for Operation

Depending on the type of material to be welded and the diameter of the electrode wire, fit the appropriate contact tip and wire guide insert to the MIG torch.
For steel welding, use steel welding contact tips and a steel liner. For aluminum welding, use aluminum welding terminals and a Teflon liner.

Electrode wire diameter	Contact tip Diameter	Wire guide insert
0,8	0,8	Blue
1,0	1,0	Blue / Red
1,2	1,2	Red
1,6	1,6	Yellow

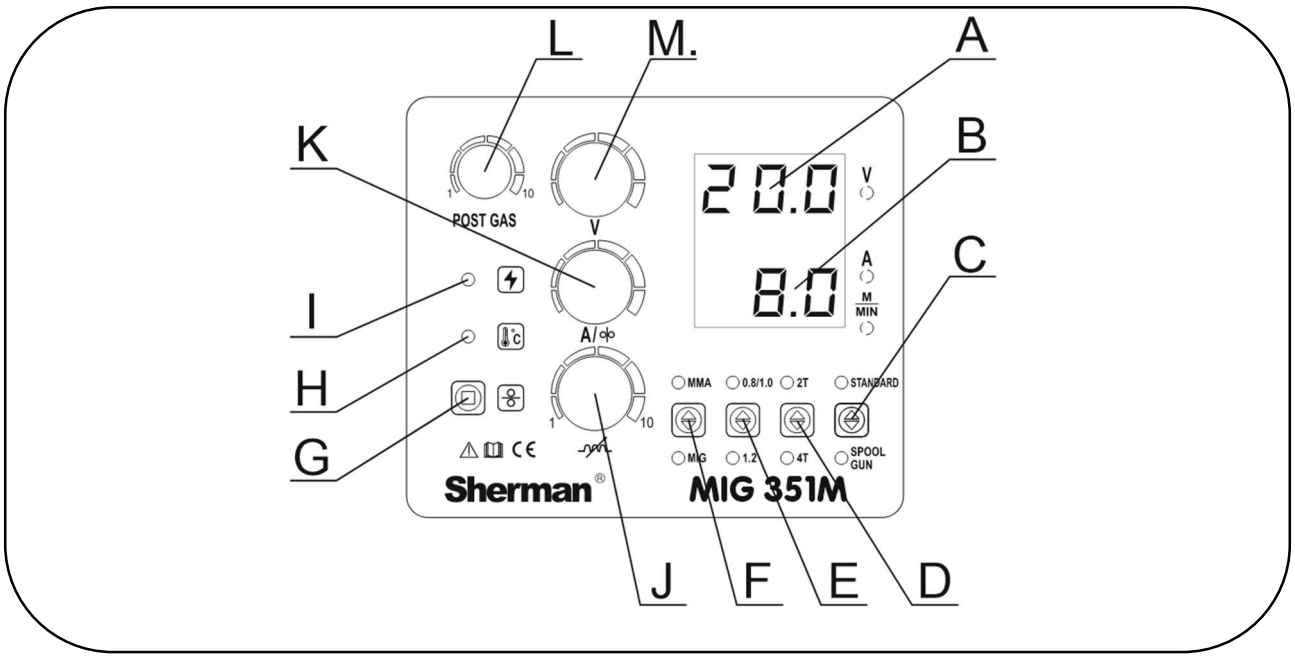
5.5.1 Quick wire extension

The device has a quick wire extension function. Pressing the button (G) causes the wire to be quickly ejected for easy insertion into the torch.

5.6 Connecting the Reducer to the Heater (Optional)

Install the reducer on the cylinder. Connect the reducer to the welding machine with a hose by mounting oneend of the gas hose on the reducer connector and the other on the gas connector (7) located on the back of the welding machine. Place the heater plug in the 36V AC socket (8) located on the back of the appliance.

6. CONTROL PANEL



A – Welding Voltage Display
B – Welding current display
C – MIG Torch Type Switch
D – Welding Machine Control Mode Switch
E – Wire diameter selector switch
electrode
F – Welding Process Switch
G – Quick Wire Extension Button
H – Thermal protection LED
I – Power Indicator LED
J – Inductance control knob
K – Welding Current Control Knob (MMA) /
wire feed speed (MIG)
L – inductance control knob
M – Welding Tension Control Knob (MIG)

7. MIG/MAG SOURCE CONTROL MODES

The MIG 261M, MIG 300M and MIG 351M welders can be controlled in two-stroke and four-stroke mode during MIG welding. In two-stroke mode, after pressing the button in the torch and igniting the arc, welding must be carried out with the button pressed. Releasing the button on the chuck will complete the welding process.
In four-stroke mode, press the button on the torch torch and ignite the arc. After the arc is ignited correctly, the button can be released and welding can be carried out with the button released. To finish welding, press and release the button on the torch.

8. BEFORE YOU CALL FOR SERVICE

In the event of malfunction of the device, before sending the welding machine for service, you should check the list of basic failures and try to fix them yourself.
Any repairs to the appliance may only be carried out by unplugging the plug from the power socket.
Attention! The device is not sealed and the user can remove the welding machine housing to remove minor malfunctions.
ATTENTION! The welding machine is equipped with a Fan Stop function that turns off the fan a few minutes after welding is finished and the device has cooled down. The fan restarts under load.

Symptoms	Cause	Procedure
Lack of power, malfunction signal, or malfunction of the device	No connection or loose plug inside the device	Check and correct the connections of all electrical plugs inside the device
No electrode wire feeding (feeder motor running)	Too little roller pressure	Set the correct pressure
	Incorrect diameter of guide roller groove	Fit the correct guide roller
	Contaminated linerin the torch	Clean the electrode wire guide
	Blocked electrode wire in the contact tip	Replace the current adapter
No electrode wire feeding (feeder motor not running)	Device switched to Spool Gun mode	Set the torch type switch (C) to the "STANDARD" position
Irregular electrode wire feed	Damaged contact tip	Replace the current adapter
	The groove of the feed roller is dirty or damaged	Clean the roller groove or replace the roller
	The wire spool rubs against the walls of the welding machine cover	Fix the wire spool correctly
The arc does not ignite	Lack of proper contact of the ground cable terminal	Improve the contact of the ground terminal
	Damaged switch in MIG torch	Replace the switch
	Improper connection of the MIG mount to the device	Check the condition of the electrical connections of the torch, check that the pins in the socket are not broken or jammed
Curve too long and irregular	Welding Voltage Too High	Reduce welding tension
	Wire feed speed too low	Increase wire feed speed
Arc too short	Welding Voltage Too Low	Increase welding tension
	Wire feed speed too high	Reduce wire feed speed
When the power is turned on, the power on indicator light does not light up	No supply voltage	Check the fuses on the mains connection
The superheat LED is on	The device has overheated.	Wait a few minutes for the LED to turn off and continue welding.
Fan not working	The fan has been blocked by a bent cover	Straighten the fan cover
Unsatisfactory weld quality	Inadequate or poor-quality materials or consumables used,	Replace consumable parts. Change the welding wire or gas cylinder to suitable or higher quality materials
	Shielding gas flows out with inappropriate intensity	Check the gas supply hose, improve the hose connection to the fittings and the condition of the quick connectors Check Cylinder Reducer
When trying to ignite an arc, the device turns off, the displays flash	Dirty JQX-59F relay	Purge JQX-59F Relay With Compressed by air

9. OVERHEATING PROTECTION

The power source is equipped with a thermal, self-acting overload switch. When the temperature of the welding machine is too high, the protection will disconnect the welding current and the overheat indicator LED (H) will light up. When the temperature drops, the circuit breaker will automatically reset.

10. OPERATING INSTRUCTIONS

The operation of semi-automatic welding machines MIG 261M, MIG 300M, MIG 351M should take place in an atmosphere free of corrosive components and high dust. Do not place the appliance in dusty areas, near running grinders, etc. Dust and metallic swarf contamination of control boards, cables and connections inside the device can lead to an electrical short circuit and, as a consequence, damage to the welding machine.
Avoid use in environments with high humidity, especially in situations where dew occurs on metal components. In the event of dew on metal elements, e.g. after introducing a cold device into a warm room, wait until it is completely dry and the device warms up to ambient temperature. Running a cold welding machine under these conditions may cause damage to the welder. It is recommended that the welding machine be placed under a roof in order to protect it from adverse weather conditions.
The MIG 261M, MIG 300M and MIG 351M devices should be operated under the following conditions:

- changes in the rms value of the supply voltage not greater than 10%
- ambient temperature from –10°C to +40°C
- atmospheric pressure 860 to 1060 hPa
- relative humidity of atmospheric air not exceeding 80%
- altitude up to 1000m above sea level

List of consumable parts:

MIG 261M

Lp.	For steel wires	For aluminum wires
1	Feeder roller 4Rn 30x10x12mm	Feeder Roller 4Rn Al 30x10x12mm
2	Current Connector TW-25/36 M6x28	Al TW-25/36 M6x28 Terminal
3	TW-25 current connector	
5	Gas nozzle TW-25	
6	3m steel insert	3m Teflon Liner

MIG 300M, MIG 351M

Lp.	For steel wires	For aluminum wires
1	Feeder roller 4Rn 30x10x12mm	Feeder Roller 4Rn Al 30x10x12mm
2	Current Connector TW-25/36 M6x28	Al TW-25/36 M6x28 Terminal
3	Current Connector TW-36	
4	Insulation sleeve TW-36	
5	Gas nozzle TW-36	
6	3m steel insert	3m Teflon Liner

A full list of consumables and spare parts is available on the www.tecweld.pl website and at TECWELD. It is possible to purchase these parts directly.

11. MAINTENANCE INSTRUCTIONS

Daily maintenance

1. Visual Inspection:
    - Inspect the condition of the MIG torch, power cord, gas line and connector for damage and abrasion.
    - Check the condition of the power tip and gas nozzle – whether they are excessively worn or dirty.

2. Cleaning:
    - Remove dust and swarf from the housing and air vents with compressed air (low force so as not to damage the electronics).
    - Clean the MIG torch of welding spatter, especially the gas nozzle and the contact tip.

Weekly maintenance

1. Checking the electrical connections:
    - Check that all connectors are securely tightened and there are no signs of overheating.
2. Checking the feeder and MIG torch:
    - Check the condition of the wire feeder rollers and their pressure.
    - Inspect the linerto make sure it is not contaminated or worn.
    - Check the tightness of the gas line and the correct gas flow.

Monthly maintenance

1. MIG Torch Control:
    - Check the hoses and quick couplings for leaks.
    - Inspect the condition of the MIG torch, power cord, gas line and connector for damage and abrasion.
    - Check the condition of the power tip and gas nozzle – whether they are excessively worn or dirty.
2. Welding Machine Parameter Test:
    - MIG: Check the wire feeding stability and weld quality.
3. Cleaning:
    - Remove the housing, remove dust and swarf from the control boards and wiring and electrical connections from inside the device with compressed air. (low force so as not to damage the electronics).
    - Clean the wire feeder mechanism and check the condition of the chain.

Six-month maintenance

1. Checking the condition of electrical connections:
    - Check the condition of the electric shock protection, insulation, protection system, tightness of hoses and quick couplings.
2. MIG Torch Control:
    - Replace the wire guide if it shows signs of wear.
    - Check the condition of the MIG torch and replace worn components (power tips, gas nozzles).

Annual maintenance (or every 1000 hours of operation)

1. Electronics Overview:
    - Inspect power blocks, capacitors, and control boards for dirt and corrosion.
2. Wire Feeder Overview:
    - Perform a full inspection of the wire feeder, replace worn rollers.
    - Check the tightness of the gas system and the condition of the pipes.

Additional recommendations

- Never use water instead of coolant – there is a risk of corrosion and damage to the pump.
- Store the welding machine in a dry, ventilated place, away from dust and moisture.
- Regularly apply SPAWMIX anti-splinter formulations to the gas nozzle and contact tip to prevent spatter from sticking.

Damage resulting from operating the welding machine under improper conditions and failure to follow maintenance recommendations are not covered by warranty repairs.

12. STORAGE AND TRANSPORT INSTRUCTIONS

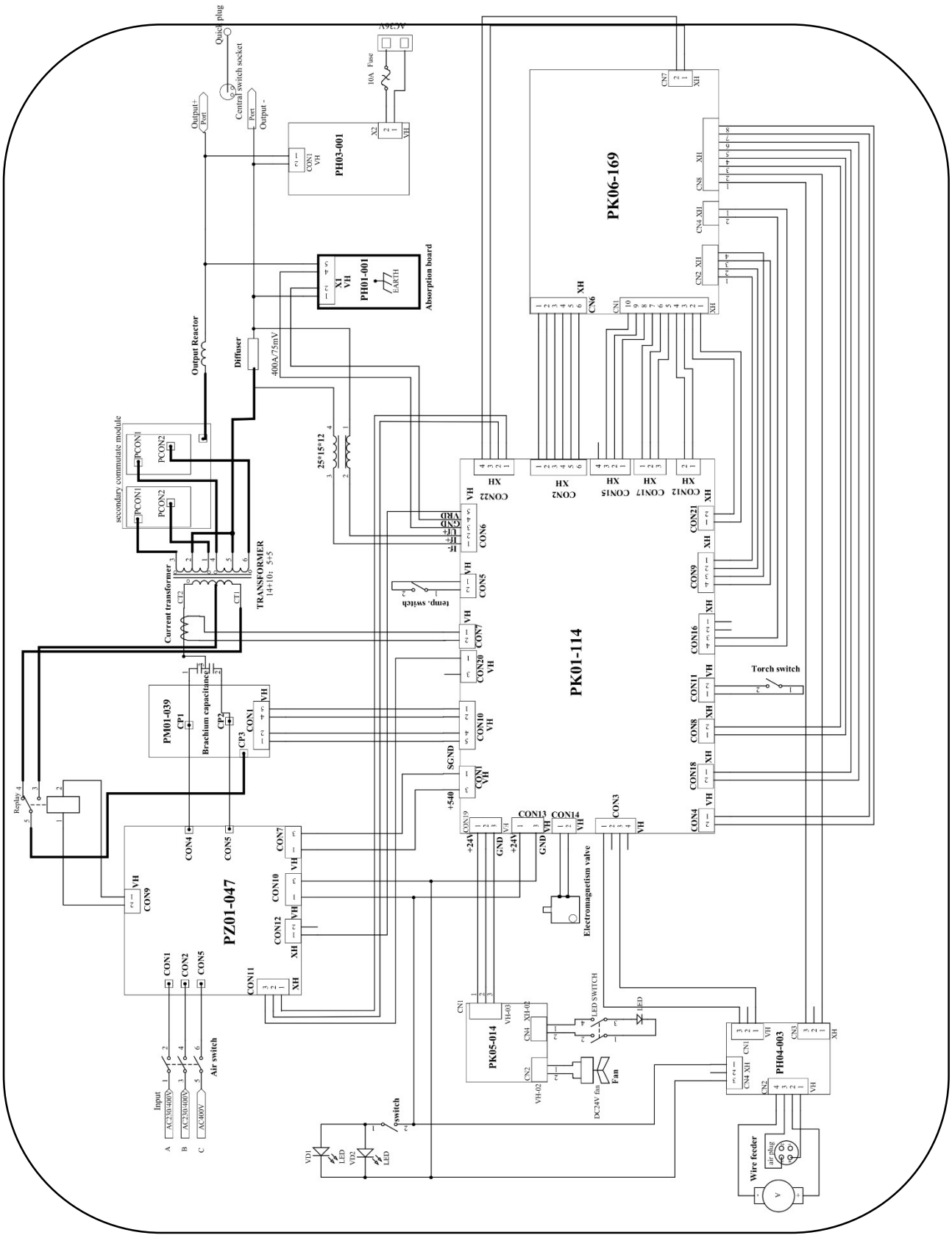
Store the appliance at a temperature of –10°C to +40°C and a relative humidity of up to 80% free of corrosive fumes and dust. Transport of packaged equipment should be carried out by covered means of transport. During transport, the packaged device should be protected against movement and provided with the correct position.

13. SET SPECIFICATION

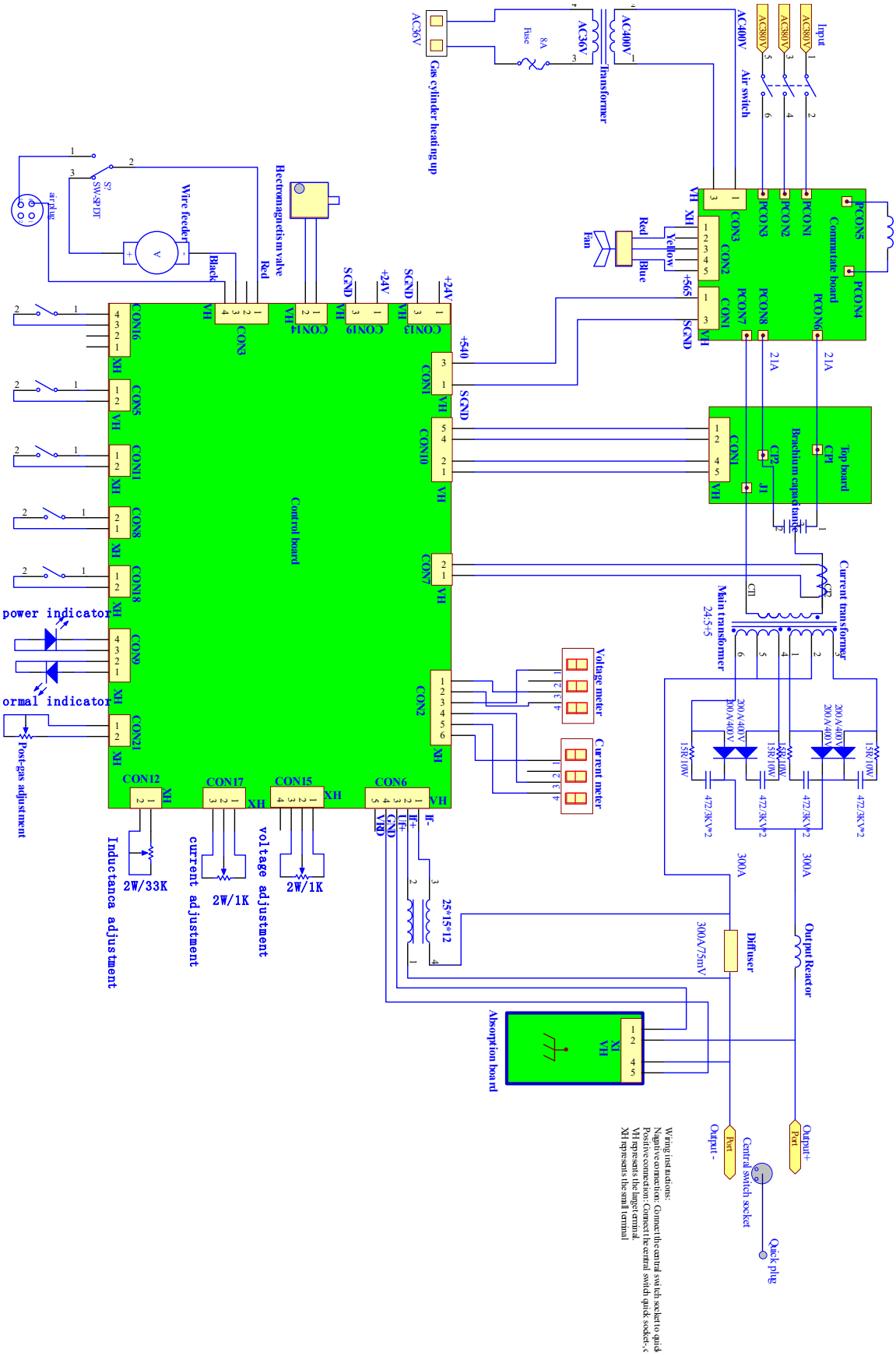
1. Inverter Source	1 pc.
2. MIG welding torch	1 pc.
3. Clamp Clamp Ground Cable	1 pc.
4. User Manual	1 pc.
5. Packaging	1 pc.

14. ELECTRICAL DIAGRAMS

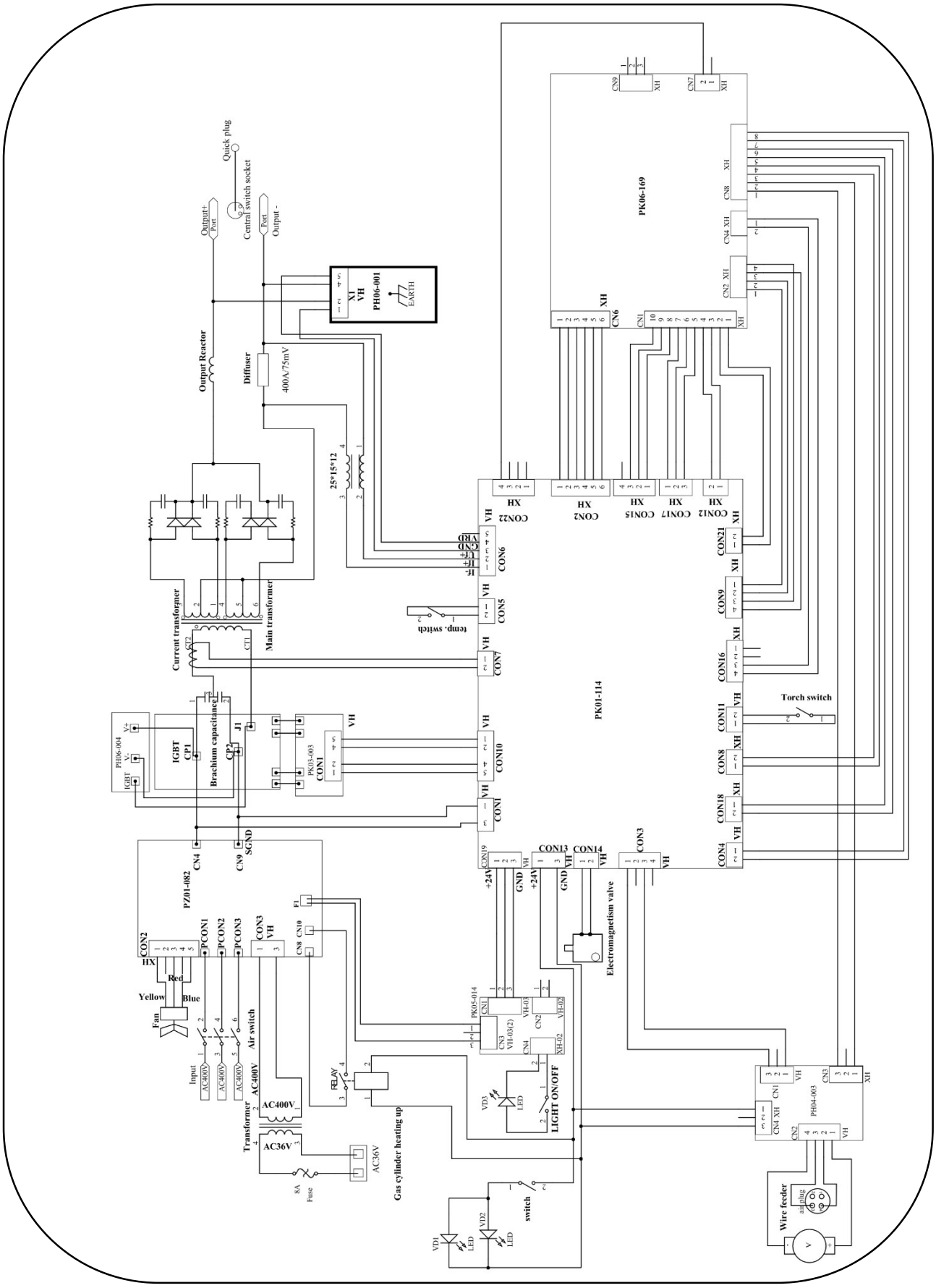
14.1 MIG 261M



14.2 MIG 300M


Gas cylinder heating up
AC36V
Fuse
8A
AC36V
AC400V
Transformer
Input
AC380V
Air switch
Commutate board
PCON1
PCON2
PCON3
PCON4
PCON5
PCON6
PCON7
PCON8
Fan
Red
Yellow
Blue
+565
SGND
Top board
Brachium input and
CT1
CT2
J1
Current transformer
Main transformer
24:5+5
200A/400V
15R/10W
472/3KV*2
300A
Diffuser
300A/75mV
Output Reactor
Output+
Port
Output -
Central switch socket
Quick plug
Absorption board
Voltage meter
Current meter
Control board
CON1
CON2
CON3
CON5
CON6
CON7
CON8
CON9
CON10
CON12
CON14
CON15
CON16
CON17
CON19
CON21
+24V
SGND
+540
power indicator
ormal indicator
Post-gas adjustment
Inductanca adjustment
2W/33K
current adjustment
2W/1K
voltage adjustment
2W/1K
25*15*12
IF-
IF+
VRD
GND
Hectromagnetism valve
Red
Black
Wire feeder
SW-SPDT
air relay
Wiring instructions:
Negative connection: Connect the central switch socket to quick
Positive connection: Connect the central switch quick socket-c
VH represents the larger terminal
XH represents the small terminal

14.3 MIG 351M


PK06-169
PK01-114
PZ01-082
PH06-001
PH06-004
PH04-003
PK03-003
PK05-014
Quick plug
Central switch socket
Output+
Output -
Output Reactor
Diffuser
400A/75mV
25*15*12
Current transformer
Main transformer
temp. switch
IGBT
Brachium capacitance
Torch switch
Fan
Red
Yellow
Blue
Air switch
Input
AC400V
Transformer
AC36V
Fuse
RELAY
LIGHT ON/OFF
switch
Gas cylinder heating up
Electromagnetism valve
Wire feeder
air plug
LED
SGND
GND
+24V

15. WARRANTY

The warranty is granted for a period of 12 months for business entities, but excluding warranty claims, or 24 months for consumers from the date of sale.
The warranty will be respected upon presentation by the complainant of proof of purchase (invoice or receipt) and a warranty card with the product name, serial number, date of sale and stamped point of sale.
To order a warranty repair, you need to fill in the form on the www.tecweld.pl website in the SERVICE tab. On the basis of the notification, the device will be transported to the service by a courier company. Devices sent in any other way at TECWELD's expense will not be accepted!
The welding machine must be supplied with the welding torch. Complaints about a device without a welding torch will not be considered.
The device sent for complaint must be packed in the original cardboard box, secured with original polystyrene fittings. TECWELD is not responsible for damage to the welding machine resulting from transport.



If you are going to dispose of this product, do not throw it away with ordinary household waste. According to the WEEE Directive (Directive 2012/19/EU) in force in the European Union, separate disposal processs must be used for used electrical and electronic equipment.
In Poland, in accordance with the provisions of the Act of 11 September 2015 on Waste Electrical and Electronic Equipment, it is prohibited to place waste equipment marked with the crossed-out bin symbol together with other waste.

The user who intends to dispose of this product is obliged to take the waste electrical and electronic equipment to a waste equipment collection point. Collection points are run, m.in, by wholesalers and retailers of this equipment and by municipal organizational units conducting waste collection activities.
The above statutory obligations have been introduced in order to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an appropriate level of collection, recovery and recycling of waste equipment. The correct implementation of these obligations is especially important when there are hazardous components in used equipment that have a particularly negative impact on the environment and human health.

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