USER MANUAL

SEMI-AUTOMATIC WELDING inverters
DUALMIG 210 S3 210 S4 DUALMIG
1. GENERAL

Commissioning and operation of the device can be made only after a careful reading of this handbook.

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

Damage from improper handling results in a loss of warranty. Any alteration of the rectifier are prohibited and void the warranty.

2. SAFETY

Staff operating the device should have the necessary qualifications entitling them to carry out welding work:

- should have the competence in the field of electric welder gas-shielded welding,
- know the rules of safety during the operation of the power they are welding equipment and auxiliary equipment powered by electricity,
- know the safety rules when handling and installation of the cylinder of compressed gas (argon)
- know the contents of this manual and use the device for its intended purpose.

**WARNING**

Welding may endanger the safety of the operator and other persons in the vicinity. Therefore, when welding special precautions must be taken. Prior to welding, refer to the applicable health and safety regulations in the workplace. During the MMA electric arc welding and MIG / MAG have the following hazards:

- ELECTRIC SHOCK
- ARC NEGATIVE IMPACT ON HUMAN EYES AND SKIN
- PAIRS AND GAS POISONING
- BURNS
- EXPLOSION AND FIRE HAZARDS
- NOISE

Prevention of electric shock:

- a device connected to a technically efficient electrical system to the proper security and effectiveness of neutral (additional fire protection);
  Check and properly connect to the network and other devices in the workplace welder,
- current leads off with the mounted unit,
- It does not simultaneously touch the non-insulated part of the electrode holder, the electrode and the workpiece in the device housing,
- Do not use the handles and load wires with damaged insulation,
- under special hazard of electric shock (work in environments with high humidity and closed tanks) to work with the helper supporting the work of the welder and watchful over the safety, use gloves and clothing with good insulation properties,
- if you notice any irregularities, please contact the competent people to remove them,
- It is forbidden to operate the device with the covers removed.

Preventing negative effects of electric arc on human skin and eyes:

- Use protective clothing (gloves, lab coat, shoes, leather)
- Use protective shields or helmets with properly matched filter,
- Use protective curtains of non-combustible materials, and properly selected colors wall absorbing the harmful radiation.
Poisoning prevention vapors and gases evolved at the time of welding of coatings for welding electrodes and evaporation of metals:

- Use ventilation and exhaust installed in limited air exchange.
- Blow fresh air when working in a confined space (tanks)
- Use masks and respirators.

Preventing burns:
- Wear suitable protective clothing and footwear to protect from burns from arc radiation and spatter,
- Avoid contamination of clothing lubricants and oils that may lead to its inflammation.

Explosion prevention and fire:
- Do not operate the machine and welding in areas at risk of explosion or fire,
- Welding station should be equipped with fire-fighting equipment,
- Welding station should be located a safe distance from flammable materials.

Preventing negative effects of noise:
- Wear earplugs or other protection against noise,
- Warn people about the danger nearby.

⚠️ WARNING!

Do not use the power source for thawing frozen pipes.

Before starting the unit:
- Check the condition of electrical and mechanical connections. It is forbidden to use handles and load wires with damaged insulation. Inadequate insulation handles and cables current danger of electric shock,
- Ensure proper operating conditions, ie. To ensure proper temperature, moisture and ventilation in the workplace. Outdoors closed to protect from rain,
- Place the charger in a place that allows its easy handling. Persons operating welder should:
  - have the power to electric welding MMA and MIG / MAG
  - know and comply with applicable health and safety regulations when performing welding work,
  - use proper, specialized protective equipment: gloves, apron, rubber boots, shield or welding helmet with a suitably selected filter
  - know the contents of this manual welder and operated in accordance with its intended purpose. Repair work may only be carried out after removing the plug from the wall socket.

When the device is connected to the network is not allowed to touch the bare hand or by any wet clothing elements forming the welding current circuit. It is forbidden to remove the outer casing when the device is turned on to the network. Any alteration of the rectifier on their own are prohibited and may constitute a deterioration in security conditions.

All maintenance and repair may only be performed by authorized persons with the conditions applicable to the safety of electrical equipment. Do not operate the welder in areas at risk of explosion or fire! Welding station should be equipped with fire-fighting equipment. After working the machine power cord must be disconnected from the network.

The above risks and the general safety rules is not exhaustive safety of the welder, since it does not take into account the specifics of the workplace. They are an important complement to bench safety instructions and training and briefings given by supervisory staff.
3. GENERAL DESCRIPTION

Semi-automatic welding machines DUALMIG 210 210 DUALMIG S3 and S4 are used for manual welding of steel and non-ferrous metals. Allow for MIG / MAG, MMA (coated electrode) and Lift TIG. They may also be used to braze thin (3mm) galvanized sheets. By changing the polarization devices allow welding MIG / MAG welding with the use of standard wire in the protective gases and the self-shielded flux cored wires. Welding machines are used in confined spaces or covered, if directly exposed to weathering. DUALMIG S3 210 cooperates with the wire spools D200 (5kg) and D300 (15kg) and 210 DUALMIG S4 spools D100 (1kg) and the D200 (15kg).

DUALMIG S3 210 allows the connection of the handle Spool-type gun (SG) which is mounted at the mini wire feed reel and D100 steel wire or colored, so that welding can be two different wires without the need for retooling welder. It is a time-saving solution for the need for welding different materials or different thicknesses up casual use of wires.

4. SPECIFICATIONS

4.1 welder

<table>
<thead>
<tr>
<th></th>
<th>DUALMIG 210 S3</th>
<th>DUALMIG 210 S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply:</td>
<td>AC 230V 50Hz</td>
<td></td>
</tr>
<tr>
<td>Rated welding current / cycle</td>
<td>MMA: 180 A; TIG: 180 A; MIG 200 A / 60%</td>
<td></td>
</tr>
<tr>
<td>Range of welding current</td>
<td>MMA: 30-180 A; TIG: A 30-180; MIG: 35-200 A</td>
<td></td>
</tr>
<tr>
<td>The adjustment range of welding voltage (MIG)</td>
<td>15 - 23 V</td>
<td></td>
</tr>
<tr>
<td>Spool of wire diameters:</td>
<td>200 mm, 300 mm</td>
<td>100 mm, 200 mm</td>
</tr>
<tr>
<td>Maximum current consumption</td>
<td>25 A</td>
<td>25 A</td>
</tr>
<tr>
<td>Maximum power consumption</td>
<td>8.5 kVA</td>
<td></td>
</tr>
<tr>
<td>Mass:</td>
<td>19.5 kg</td>
<td>11.5 kg</td>
</tr>
<tr>
<td>dimensions:</td>
<td>782 x 252 x 345 mm</td>
<td>450 x 210 x 305 mm</td>
</tr>
<tr>
<td>Level of security</td>
<td>IP21S</td>
<td></td>
</tr>
</tbody>
</table>

4.2 MIG

<table>
<thead>
<tr>
<th></th>
<th>TW-15</th>
</tr>
</thead>
<tbody>
<tr>
<td>The maximum current carrying capacity</td>
<td>200 A</td>
</tr>
<tr>
<td>Type of cooling</td>
<td>shielding gas</td>
</tr>
<tr>
<td>The cooling gas flow</td>
<td>10-18 l / min</td>
</tr>
<tr>
<td>Length</td>
<td>3 m</td>
</tr>
</tbody>
</table>

4.3 Spool Gun Bracket (optional)


<table>
<thead>
<tr>
<th></th>
<th>Gun spool 15 (MTMSG3M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The maximum current carrying capacity</td>
<td>150 A</td>
</tr>
<tr>
<td>The recommended diameter of the welding wire</td>
<td>0.6-1.0 mm</td>
</tr>
<tr>
<td>Wire feed speed</td>
<td>1-13 m / min</td>
</tr>
<tr>
<td>Length</td>
<td>3 m</td>
</tr>
</tbody>
</table>
Duty cycle
Duty cycle is based on a period of 10 minutes. Duty cycle of 60% means that after 6 minutes of operation of the device is required for 4-minute break. Duty cycle of 100% means that the machine can operate continuously without interruption.

Attention! Heating test was carried out in the ambient air temperature. Duty cycle at 40 °C was determined by simulation.

Level of security
IP specifies the extent to which the device is resistant to entering of solid impurities and water. IP21S means that the device is suitable for use in confined spaces and is not suitable for use in the rain and snow.

Adjusting the inductance and brazing
Adjusting the inductance of the arc can be optimized depending on the thickness of the work piece, the method and the welding conditions. Feature is useful during MIG / MAG thin elements, preventing their burn and during the braze welding galvanized components. Changing the value of inductance also affects the reduction of spatter during arc welding CO₂. With the increase in the inductance is reduced spatter when the value is smaller, the amount of spatter is increased. Optimal setting inductance value depends on several factors and may deviate from the standard recommendations and therefore should be chosen experimentally during the welding tests.

Adjusting the inductance also allows the braze thin (3 mm) galvanized components. As additional material is most commonly used copper-based binder. These wires are labeled CuSi3 or SG - CuAl. As the shielding gas is recommended to use pure argon but good results can also use a mixture of argon with CO₂ (82/18). Due to the required shape of the weld inductance should be selected empirically depending on the thickness and type of material lutospawanego. To braze welding recommended to use the handle of not more than 3m equipped with a Teflon cartridge.

2T / 4T
Welder MIG welding can be controlled in the mode dwutaktu and czterotaktu. Dwutaktu mode by pressing the button on the handle and the welding arc is struck should be carried out with the button pressed. Releasing the button on the handle will complete the welding process. In czterotaktu mode, press the button on the handle of the burner and ignite the arc. After the correct arc is lit button can be released and welding lead to the slow button. To complete the welding press and release the button on the handle.
5. PREPARING TO WORK EQUIPMENT

5.1 CONNECTION shielding gas

1. Attach the bottle and secure it against tipping.
2. Remove the cylinder valve briefly to remove any impurities.
3. Install the regulator on the cylinder.
4. Connect the hose from the regulator welder.
5. Remove the cylinder valve and regulator.

5.2 CONNECTION TO THE MAINS

1. Devices 210 DUALMIG S3 and S4 DUALMIG 210 should only be used in a single-phase, three-wire with grounded neutral.

2. Semiautomatic welding DUALMIG 210 DUALMIG S3 and S4 210 are adapted to cooperate with 230V 50Hz fused 25 A time-delayed action.

3. The devices are equipped with a power cord and plug. Before connecting, make sure the power switch located on the rear panel is in the OFF position (off).

5.3 ESTABLISHMENT reel wire electrode

1. Open the side housing cover.
2. Check that the drive rollers are suitable for the wire size and type.
3. Place the spool of wire electrode on the stem.
4. Secure the spool from falling.
5. Release the pressure feed rollers.
6. blun end of the electrode wire.
7. Enter the wire by the driving roller tray holder.
8. Press the wire in the groove of the drive roller.
9. Remove from the contact tip holder, turn on the power equipment and press the control button of the welding gun or press (2) on the panel.

10. When you see the electrode wire in the outlet handle release button and screw the current.

5.4 PREPARATION FOR WORK MIG

Depending on the type of material being welded and the diameter of the wire electrode for MIG to set up the relevant product and the end of the current contribution wire guide.

For steel welding tips used for welding current and the contribution of steel. In the case of aluminum welding tip current used to weld aluminum and the input of Teflon.

<table>
<thead>
<tr>
<th>The diameter of the electrode wire</th>
<th>The diameter of the contact tip</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8</td>
<td>0.8</td>
</tr>
<tr>
<td>1.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>
6. DESCRIPTION OF FUNCTION SWITCHES AND DIAL

6.1 DUALMIG 210 S3

1. The display of the welding current (MMA, TIG Lift).
2. The wire feed control button.
3. Switch welding methods.
5. The wire feed speed knob (MIG).
6. The adjustment knob voltage welding (MIG).
7. The adjustment knob inductance.
8. Plug the switch polarity.
9. EURO socket.
10. Slot –.
11. Socket +.
12. The display of the welding voltage (MIG).
13. LED thermal protection.
14. The power switch.
15. The connection gas connection.
17. The power port cylinder gazu AC36V.
18. The power cord.
19. The LED's power.
20. Slot Spool Gun control handle.
22. The stem adapter spool.
23. The wire feeder.
1. The display of the welding current (MMA, TIG Lift).
2. The wire feed control button.
3. Switch welding methods.
5. The wire feed speed knob (MIG).
6. The adjustment knob voltage welding (MIG).
7. The adjustment knob inductance.
8. Plug the switch polarity.
9. EURO socket.
10. Slot -.
11. Socket +.
12. The display of the welding voltage (MIG).
13. LED thermal protection.
14. The power switch.
15. The connection gas connection.
17. Ground terminal.
18. The power cord.

7. protection against overheating

The power source is equipped with a thermal overload protection switch. When the temperature of the welding device is too high, the security disconnects the welding current and the LED will overheat indicator (13). After falling temperature will automatically reset the circuit breaker.

8. PREPARATION FOR WELDING PROCESS

8.1 MMA

8.1.1 Preparing for operation

1. Verify that the power switch (14) located on the rear panel is in the OFF position (OFF)
2. The clamp tongs ground cable firmly affixed to the weld material.
3. Place the electrode wires and the mass of the sockets (+) and (-) welder so that the electrode holder was appropriate for the electrode pole. The polarity of the wiring depends on the type of welding electrodes used and is given on the electrode packaging.
4. Turn on the power.
8.1.2 Setting welding parameters

1. A method of welding switch (3) to position MMA.
   The second knob (4) to an appropriate welding current.

8.1.3 arc Initiation

1. Touch electrode to the workpiece, and short rub tear.
2. In the event of initiation of the arc electrodes, wherein the sheath when solidified, creates a non-conductive slag, the pre-clean the tip of the electrode by repeatedly impact against a hard surface until the metal in contact with the work piece.

8.2 METHOD TIG LIFT

8.2.1 Preparing for operation

1. Verify that the power switch (14) located on the rear panel is in the OFF position (OFF)
2. The clamp tongs ground cable firmly affixed to the weld material.
3. Place the plug TIG slot (-) (10) and the plug of the mass on the seat (+) (11).
4. Turn on the power.

8.2.2 Setting welding parameters

1. A method of welding switch (3) to position TIG Lift.
   The second knob (4) to an appropriate welding current.

8.2.3 arc Initiation

1. Unscrew the valve handle TIG, that there was a flow of protective gas.
2. Gently tap the electrode material is welded to break the electrode from the welded material by tilting the holder in such a way that the gas nozzle touch material.
3. Once the arc is struck straighten the handle and start welding.

8.3 MIG / MAG welding and brazing

8.3.1 Preparing for operation

8.3.1.1 Welding gas-shielded

1. Verify that the power switch (14) at the rear in the OFF position (turned off).
2. Insert the appropriate reel of wire electrode.
3. Connect the cylinder with the appropriate shielding gas to the nozzle (15).
4. MIG in the socket (9) and tighten the nut welder.
5. The clamp tongs ground cable firmly affixed to the weld material.
6. The other end of the mass in the socket (-) (10) welder.
7. Plug polarity switch (8) in the socket (+) (11) welder.
8. The switch-type handle (21) in the feeder chamber to position

8.3.1.2 self-shielded welding steel wire

1. Verify that the power switch (14) at the rear in the OFF position (turned off).
2. Place the spool of self-shielded wire.
3. MIG in the socket (9) and tighten the nut welder.
4. The clamp tongs ground cable firmly affixed to the weld material.
5. The second end of the mass in the socket (+) (11) welder.
6. Plug polarity switch (8) in the socket (-) (10) welder.
7. The switch-type handle (21) in the feeder chamber to position
8.3.1.3 Welding type handle Spool Gun (optional)

Welder DUALMIG 210 S3 has the ability to handle the type of application Spool Gun, which is mounted at the mini wire feeder. In order to handle such a welding proceed as in section 8.3.1.1 or 8.3.1.2, and additionally plug control handle socket (20) and the switch-type handle (21) in the feeder chamber to position.

8.3.2 Setting welding parameters

1. Turn on the power supply connector (14) on the rear of the device.
2. Set the welding method (3) to position 2T or 4T.
3. The knob (6) set the proper welding voltage.
4. knob (5) to the wire feed speed.
5. knob (7) to an appropriate inductance.

8.3.3 arc Initiation

8.3.3.1 Mode dwutaktu 2T

1. Bring the holder parts to be welded, so that the distance between the nozzle and the welded parts was approx. 10 mm.
2. Press the button on the torch and start welding. Releasing the button will complete the welding process.

8.3.3.2 Mode czterotaktu 4T

1. Bring the holder parts to be welded, so that the distance between the nozzle and the welded parts was approx. 10 mm.
2. Press the button on the handle and ignite the welding arc. After the arc is lit, release the button and continue welding. Pressing and releasing the button will complete the welding process.

9. Before calling service,

In the event of malfunction of the unit, before sending welding for service, check the list of basic failures and try to remove them yourself.

Repair work may only be carried out after removing the plug from the wall socket.

Attention! The device is not sealed, and the user can remove the cover of the welding device in order to remove minor breakdowns.

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Cause</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power, signal failure or faulty operation of the unit</td>
<td>No connection or loose plug inside the device</td>
<td>Remove the cover, check and correct the connection of all electrical plugs inside the device</td>
</tr>
<tr>
<td>No feed of the electrode wire (feeder motor is running)</td>
<td>Weak pressure rollers</td>
<td>Set the correct pressure</td>
</tr>
<tr>
<td></td>
<td>Not the diameter of the groove of the guide roller</td>
<td>Wear an appropriate guide roll</td>
</tr>
<tr>
<td></td>
<td>Contaminated guide wire holder</td>
<td>Clean the guide wire electrode</td>
</tr>
<tr>
<td></td>
<td>Locked wire electrode at the end of the current</td>
<td>Replace contact tip</td>
</tr>
<tr>
<td>Irregular wire feed electrode</td>
<td>Current damaged tip</td>
<td>Replace contact tip</td>
</tr>
<tr>
<td></td>
<td>The groove the feeding roller is dirty or damaged</td>
<td>Clean the roll groove or replace the roll</td>
</tr>
<tr>
<td></td>
<td>Spool with wire rubs against the walls of the lid welder</td>
<td>Attach the wire spool correctly</td>
</tr>
<tr>
<td>Not to bow strikes</td>
<td>Lack of proper contact wire clamp mass</td>
<td>To improve mass contact terminal</td>
</tr>
<tr>
<td></td>
<td>Faulty switch in the handle MIG</td>
<td>Replace switch</td>
</tr>
<tr>
<td></td>
<td>Improper connection to the unit MIG</td>
<td>Check the condition of the electrical connections of the handle, check that the pins in the socket are not broken or jam</td>
</tr>
<tr>
<td>Arc too long and irregular</td>
<td>Welding voltage too high</td>
<td>Reduce the welding voltage</td>
</tr>
<tr>
<td></td>
<td>Wire feed speed too low</td>
<td>Increase the speed of wire feed</td>
</tr>
<tr>
<td>Arc too short</td>
<td>Welding voltage too low</td>
<td>Increase welding voltage</td>
</tr>
<tr>
<td></td>
<td>Wire feed speed too high</td>
<td>Reduce the wire feed speed</td>
</tr>
</tbody>
</table>
After the power indicator light switching power supply is not lit

| No power supply | Check the fuses on the network connection |

LED is overheating

| The device has been overheated. | Wait a few minutes until the LED goes out and continue welding. |

The fan is not working

| The fan was blocked folded cover | Straighten fan cover |

Unsatisfactory quality of the weld in MIG

| Inadequate or poor quality materials or consumables, | Replace consumables. Change the welding wire or the gas cylinder for materials suitable or higher quality |
| Shielding gas flows from the wrong intensity. | Check the gas hose, improve the connection hose with fittings and quick status check Cylinder regulator, adjust the inductance. |
| Inductance wrong setting. |

Unsatisfactory quality of the weld MMA electrode sticks to the work piece

| Wrong polarity of welding cables | Connect the correct welding wires |
| Humid electrode. | replace electrode |
| Welder is supplied from the generator or by a long extension cord diameter is too small cable | Connect directly to the mains |

Unsatisfactory quality of the weld TIG welding

| Inadequate or poor quality materials or consumables , | Replace consumables. Change the tungsten electrode or the gas cylinder for higher quality materials |
| Improper flow of shielding gas | Check that the shielding gas flows at the right intensity |
| Incorrect shielding gas pressure | Check the regulator przystawowy for gas flow, improve the connection hose with quick connectors, and status |

10. OPERATING INSTRUCTIONS

Semi-automatic welding operation DUALMIG S3 210 and S4 210 DUALMIG should take place in an atmosphere free of corrosive components and dusty. Do not place the device in dusty, near the working grinders, etc. Dust and pollution control boards metallic filings, wires and connections inside the unit may cause an electrical short, and consequently damage to the welding machine.

Avoid use in environments with high humidity, especially in situations of occurrence of dew on the metal parts.

In the case of dew on the metal parts, eg. The device after the cold into a warm room, wait until it is completely dry and warm the device to room temperature. Starting in these conditions, cold welding can cause damage. It is recommended that in the event of welding operation outdoor place it under a roof to protect against adverse weather conditions. DUALMIG S3 device 210 should be operated under the following conditions:

- changes in the effective value of the supply voltage is not greater than 10%
- ambient temperature of from -10 °C to + 40 °C
- Atmospheric pressure 860 to 1060 hPa
- relative humidity of the atmosphere is not more than 80%
- height above sea level to 1000m

You kaz wear parts:

<table>
<thead>
<tr>
<th>lp</th>
<th>For steel wire</th>
<th>For aluminum wires</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Contact tip M6x25 TW-15 Al end of the current TW-15 M6x25 2</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>The connector current TW-15</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Gas nozzle TW-15</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>The contribution of steel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The contribution of Teflon</td>
<td></td>
</tr>
</tbody>
</table>

For a full list of consumables and spare parts is available on the website and in the company www.tecweld.pl TECWELD. There is a possibility of direct purchase of these parts.
11. MAINTENANCE INSTRUCTIONS

As part of the everyday operation of the welder must be kept clean and check the status of the holder, cables and external connections. Regularly replace consumables.

Periodically clean the inside of the device by purging with compressed air to remove dust and chips from metallic plates, and the control wires and electrical connections. Not less than once every six months should be a general review of the status and electrical connections, in particular:

- state of shock protection
- the insulation
- the state security
- the operation of the cooling system

Damage resulting from the welding operation in unsuitable conditions and failure of recommendations for maintenance are not covered by warranty repairs.

12 WIRING DIAGRAM

12.1 DUALMIG 210 S3
13. INSTRUCTION STORAGE AND TRANSPORT

The device should be stored at -10 °C to + 40 °C and relative humidity 80% free of corrosive fumes and dusts. Transportation of packaged devices should be covered means of transport. For transport the packaged unit must be secured against slipping and ensure the correct position.
14. COMPLETE SPECIFICATION

1. Welding source
2. MIG TW-15
3. Earth cable with a clamp
5. Packaging

15. Warranty

Guarantee granted for a period of 12 months for business entities but excluding claims related to or guarantee of 24 months for the consumer from the date of sale.

The guarantee will be respected by the advertiser after the presentation of proof of purchase (invoice or receipt) and warranty card inscribed with the product name, serial number, date of sale and point of sale bearing the stamp.

In the case of warranty repair should contact TECWELD, which will arrange the reception device by courier. Consignments sent in a different way at the expense of the company TECWELD will not be accepted!

Welder should be provided with the welding torch. Complaints device without the torch will not be considered.

The device transmitted to the complaint must be packed in the original carton, and protected by Styrofoam original fittings. TECWELD company is not liable for damage caused by a welder during transport.

If you wish to discard this product, do not throw it with general household waste. According to the WEEE Directive (Directive 2002/96 / EC) in force in the European Union for used electrical and electronic equipment must be used methods of utilization.

In Poland, in accordance with the provisions of the Act of July 1, 2005. Waste electrical and electronic equipment is prohibited to place together with other wastes of used equipment marked with crossed out wheeled bin symbol.

The user who wishes to discard this product, it is obliged to return waste electrical and electronic equipment to a used equipment collection point. Collection points are conducted, among others, by wholesalers and retailers of equipment and the municipal organizational units engaged in waste collection.

These legal obligations have been introduced to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an adequate level of collection, recovery and recycling of used equipment. Proper implementation of these duties is important especially when the waste equipment contains hazardous components which have a particularly negative impact on the environment and human health.

TECWELD Peter Polak
41-943 Piekary Slaskie Street. Emerald 21/3/6

branch:
41-909 Bytom ul. Cross 3
Tel. (+48) 32 38-69-428, fax (+48) 32 38-69-434 e-mail:
info@tecweld.pl www.tecweld.pl
DECLARATION OF CONFORMITY
01 / DUALMIG210S / 2018

Manufacturer's authorized representative:
TECWELD Peter Polak
41-943 Piekary Slaskie Street.
Emerald 21/3/6

branch:
41-909 Bytom ul.
Cross 3

Declare that the said product:

semi-automatic welding machine

Trade name: DUALMIG 210 S3 210 S4 DUALMIG
Type: S3 MIG 200 MIG 200 S4

Manufacturer's trademark: [image]

to which this declaration relates complies with the following directives of the European Union and national provisions implementing the Directive:

LVD Low Voltage Directive 2014/35 / EU
EMC Electromagnetic Compatibility Directive 2014/30 / EU
II RoHS Directive 2011/65 / EU

and is compliant with the following standards:

BS EN 60974-1: 2013-04 Arc welding equipment - Part 1: Welding power sources,
EN 60974-10: 2014-12 Arc welding equipment - Part 10: Requirements electromagnetic compatibility (EMC)
BS EN 50581: 2013-03 Technical documentation assessment of electrical and electronic products taking into account the restriction of the use of hazardous substances.

Year affix the CE mark on the device: 2016

Bytom, dn. 05/01/2018

Peter Polak
(Signature of authorized person)