



INSTRUCTION MANUAL

PLS Podo



Gharieni Group GmbH
Gutenbergstraße 40
D – 47443 Moers

Phone: +49 (0)2841/88300-0
E-mail: service@gharieni.com

Fax: +49 (0)2841/88300-999
Web: www.gharieni.com


Service Hotline: +49 (0)2841/88300-40

INDEX

→ Abbreviations	3
1. Important safety instructions	4
2. Prefaces	6
3. Intended use	6
4. Installation instructions.....	7
4.1 Unpacking	7
4.2 Specifications	7
4.3 Before initial operation.....	7
4.4 Type plate.....	7
5. Grounding instructions.....	8
6. Operating instructions.....	8
6.1 General	8
6.2 Back rest/seat	8
6.3 Leg rests	9
6.4 Seat.....	9
6.5 Arm rests	9
6.6 Height	10
6.7 Foot Control Panel (standard).....	10
6.8 Foot Control Panel (optional equipment).....	11
6.8.1 Saving of a position	11
6.8.2 Loading of a position.....	12
6.8.3 Initializing of the software	12
6.9 Heater (optional equipment).....	12
6.9.1 Heater control panel.....	13
6.9.2 Heating	13
6.9.3 Default setting	13
6.9.4 Programming	13
6.10 Rotation function.....	15
6.11 Manual Control Panel (optional equipment)	15

6.12 Audio Relax (optional equipment)	15
7. Cleaning/maintenance	15
7.1 Trouble shooting.....	16
8. Technical data.....	16
9. Ambient conditions	17
10. Guarantee provisions	18
10.1 Exclusions from guarantee	18
11. Waste management.....	18
12. EC-Declaration Of Conformity.....	19
13. Status of edition	19

→ ABBREVIATIONS

PLS	PLS Podo
MCP	Manual Control Panel
FCP	Foot Control Panel
	Operational advice.

1. IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, especially when children are present, basic safety precautions should always be followed, including the following:

READ THE COMPLETE SAFETY INSTRUCTIONS CAREFULLY BEFORE YOU OPERATE THE APPLIANCE FOR THE FIRST TIME. All information included in those pages serve for the protection of the operator. If you ignore the safety instructions, you will endanger your health and life.



This instruction manual is an integral part of the product and must be carefully kept in a safe place in order to consult it throughout the equipment service life. Copies of this instruction manual are available upon request.



The Gharieni Group GmbH shall not be held responsible for any damages, direct or indirect, caused to people, animals or objects resulting from negligence or non-compliance with the instructions contained herein.



DANGER! indicates a hazardous situation which, if ignored, will result in death or serious injury.



CAUTION! indicates a hazardous situation which, if not avoided, may result in minor or moderate injury.



WARNING! indicates a hazardous situation which, if ignored, could result in death or serious injury.

NOTICE! indicates possible damage to the appliance.

KEEP AWAY FROM WATER.

 **DANGER!**

To reduce the risk of electrocution:

1. All electrical work to connect the PLS to the mains must be carried out by a qualified professional. Do not modify the energy supply. The connection must be carried out in accordance with the current local and legal regulations.
2. **Do not connect** the PLS to the mains if the PLS itself or the power cable or the plug are visibly damaged.
3. Never try to repair the PLS yourself. If the PLS does not operate properly, please contact the manufacturer or the shop you purchased the appliance at. Original spare parts should be used only.
4. When the power cable is damaged, it must be replaced by the manufacturer or an authorized aftersales service or a qualified professional only.

5. Always unplug this appliance immediately after using.
6. Always unplug the appliance before cleaning and maintenance.

WARNING!

To reduce the risk of burns, electrocution, fire, or injury to persons:

1. The electric components must not come in contact with water. Check all cables regularly and call the aftersales service when any cable is in improper condition.
RISK OF ELECTRIC SHOCK!
2. Always unplug the PLS before cleaning or maintenance.
3. Do not open the housing of the FCP/MCP! Failure to do so will expire the guarantee.
4. Liquids must not get into the FCP/MCP.
5. The PLS must not be left unsupervised during operation.
6. Close supervision is necessary when the PLS is operated by or near children or invalids.
7. Use the PLS only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
8. Never operate the PLS if it is not working properly, if it has been dropped or damaged. Call an authorized service centre for examination and repair.
9. Keep the cord away from heated surfaces.
10. Never drop or insert any object into any opening.
11. Do not operate outdoors. Do not operate where aerosol (spray) products are being used.
12. Do not allow any unauthorized people to operate the PLS!
13. Never immerse the PLS or any parts of it in water. When cleaning it, make sure that no water can penetrate the housing.
14. Regularly check that the power leads are intact and contact our Customer Service Department if any damage is found.
15. Always ensure that no parts of the body can be crushed while operating the MCP. **RISK OF CRUSHING!**
16. Always keep children away from the PLS. Children must not play with the PLS or its single components.
17. This device is not intended to be operated by persons with reduced physical, sensory and mental capabilities or lack of experience or knowledge, unless they are supervised or instructed concerning the use of the device and do understand the danger resulting thereof.

CAUTION!

1. Do not lean against the armrests.
2. Do not sit on the armrests.
3. Do not lean against the footrest.

4. Do not sit on the footrest.
5. Do not lean against the headrest.
6. Do not step on the base.
7. Do not sit on the base.
8. Do not use the base as a foot support.

NOTICE!

1. Never use any other cleansing method as described in chapter CLEANING AND MAINTENANCE; otherwise you can cause permanent damage to the surface.

SAVE THESE INSTRUCTIONS.

2. PREFACES

Dear Customer,

Congratulations on buying this high-quality product. Reading these instructions is definitely not a waste of time, but is crucial to enable proper and responsible operation of the PLS. STRICTLY OBSERVE THE INSTRUCTIONS TO AVOID DAMAGE TO PERSONS AND PROPERTY. MAKE SURE THAT THIS MANUAL IS AVAILABLE TO ANYONE USING THE PLS AND MAKE SURE THAT IT HAS BEEN READ AND UNDERSTOOD PRIOR TO USING THE PLS.

3. INTENDED USE

Read the instructions very carefully and only operate the device in its intended use as described to protect you and your customers from danger. The PLS is intended for indoor use only.

This product is a commercial product and should only be used for cosmetic treatments and by properly trained cosmeticians. No other use is permitted: it will affect your guarantee rights.

4. INSTALLATION INSTRUCTIONS

4.1 Unpacking

Open the top of the carton carefully. Do not use any sharp-edged objects; otherwise you can damage the upholstery. Do not lift the PLS but remove the top cover of the carton. Then you can pull up and remove the outer package.

4.2 Specifications

The PDS product line includes the models PLS Basic, Comfort and XP. Each model is equipped with partitioned leg rests. They have the same basic dimensions and functions and a load-bearing capacity of 160 kg. The PLS is multifunctional and ready to use in just a few easy steps. The height and inclination can be adjusted using the electric motors via the comfortable foot control. The non-electrically controlled adjustment options of the PLS are carried out via a pneumatic spring and the relevant hand lever.

4.3 Before initial operation

Check that all parts have arrived and are not visible damaged. Before installation, check that there is sufficient free space.



If the floor is not quite level, use the adjusting screw for perfect stability.

4.4 Type plate

When standing at the head of the PLS, the type plate is on the right side panel and on the inside of the drawer. Do not make the type plate illegible! Do not remove the type plate! Failure to do so will expire the guarantee.

5. GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short-circuit, grounding reduces the risk of electric shock by providing a path of low resistance for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in compliance with all local codes and ordinances.

⚠ DANGER! Improper use of the grounding plug can result in a RISK OF ELECTRIC SHOCK. Check with a qualified electrician or service personnel if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the appliance, if it will not fit the outlet, have a proper outlet installed by a qualified electrician. If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Extension cord: If it is necessary to use an extension cord, use only a three-wire extension cord that has a three-blade grounding plug and a three-slot receptacle that will accept the plug on the appliance. Replace or repair a damaged cord.

6. OPERATING INSTRUCTIONS

6.1 General

The PLS is ready to use in just a few easy steps and can be individually adjusted to body size. Depending on the intended use, you can adjust the desired treatment positions via the motors or the pneumatic springs within a short period of time; so you can concentrate entirely on the customer.

6.2 Back rest/seat

The inclinations of the back rest and the seat are adjusted separately. When using a PLS with electrically-powered adjustment function, you can adjust the inclinations via the FCP. The inclination of the back rest can be individually adjusted via the pneumatic spring (all models).

6.3 Leg rests

You can adjust the leg rests separately (independent of the back rest). When they are at the same height as the seat, they have reached their highest position. Given the horizontal position you can lower the leg rests up to 90° . The adjustment is carried out pneumatically via hand lever (all models).

Additionally, the leg rests are pivotable to the outside by 90° . The entire position of the leg rests can be adjusted variably up to 16 cm. Slightly loose the big setscrew of the relevant leg rest, adjust the desired length and tighten the screw.

6.4 Seat

The inclination of the seat can be individually adjusted from 0° to 25° (with boarding/alighting support option from -4° to 25°). The inclination is adjusted electrically via the FCP. Simply press the relevant key on the FCP.

Seat depth adjustment is optionally available. The seat can be moved forwards and backwards by lifting it slightly.



6.5 Arm rests

The arm rests are parallel with the seat and can be swivelled backwards.



6.6 Height

The horizontal working height can be adjusted from 49.5 cm to 84 cm (46 cm with Memory - boarding/alighting support option). You can increase the working height with the adjustable feet by max. 3 cm. The height adjustment is electrically-powered(all models). Simply press the relevant key on the FCP.

6.7 Foot Control Panel (Standard)

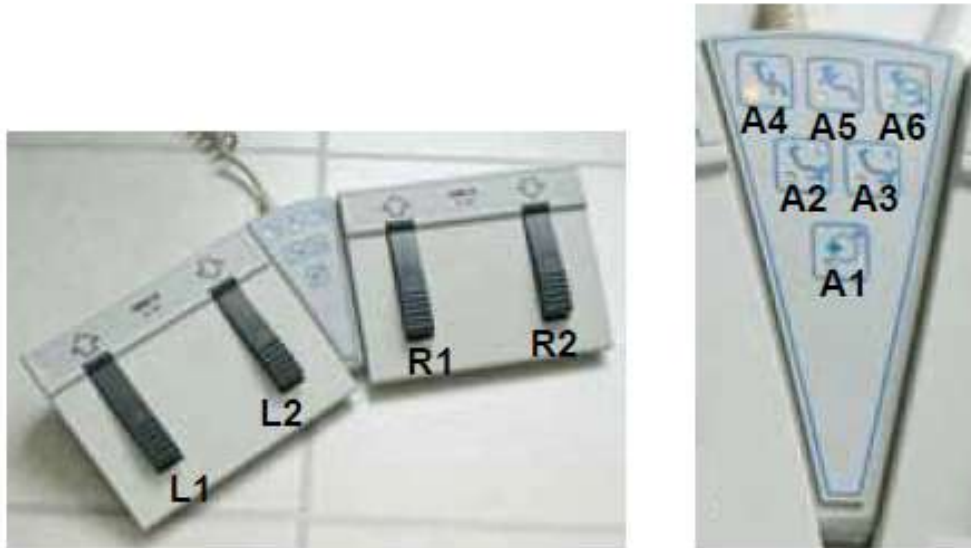


Inclination control

Height control

6.8 Foot Control Panel (optional equipment)

The optional FCP can be connected instead of the standard FCP. It is equipped with a right (R) and a left (L) foot switch unit and a central electronic unit. You find the diodes A1, A2, A3, A4, A5 and A6 on the central electronic unit.



A1	Save
A2	Without function
A3	Without function
A4	Height motor
A5	Without function
A6	Inclination motor

Use R2 to activate motor function height (A4)/inclination (A6).

Use R1 to change direction.

Use R1 to save a setting (when diode A1 is on only).

Use L1 and L2 to operate the relevant motor.

Please note the designations up/down (Auf/Ab) for the direction of movement.

You can load 2 memory positions (M1 and M2) using the left foot switch unit.

Press R2 until diode A1 lights.

L1 = M1; L2 = M2.

6.8.1 Saving of a position

Adjust the desired position. Press R2 until A1 lights. Then press R1. Finally choose the relevant save key L1 or L2 and press until you hear an acoustic signal.

6.8.2 Loading of a position

Press and hold R2 until diode A1 lights. Then press L1 or L2 until the saved position has been reached.

6.8.3 Initializing of the software

If the saved memory positions are not loaded properly, you may have to re-initialize the software.

Retract and extend all drives, height and inclination completely until they have reached their final position. Attention! The initializing must be carried out manually; each drive must be run to its final position separately. Do not use any memory key (e.g. M1).

When the described positions have been reached, the initializing is complete.

6.9 Heater (optional equipment)

WARNING!

- **Do not use the option Smart-Thermo** when your customer has got a pacemaker, is pregnant, is affected by thrombosis, suffers from pain due to unknown reasons. Apply to healthy people only.
- Never exceed the default values (preheating period: approx 6 minutes; power level during treatment: approx. 30%, 3 LEDs) when programming the heater yourself.
- When the treatment is stopped prematurely, cancel the Smart-Thermo function by pressing the OFF-button on the control panel to avoid heat accumulation.
- Disconnect the PLS from the mains when it is not used for a longer period of time, e.g. during the night.
- Do not cover the PLS with items such as blankets, towels clothes etc. when the heater is switched on. Failure to do so can cause heat accumulation which will damage the PLS permanently. **RISK OF FIRE!**

The lying surface of the PLS can be heated to maximize the treatment comfort. You can set 10 heating levels using the control panel. For quick heating of a cold lying surface after starting the heater will operate with max. power during the pre-heating period. The parameters of the heater can be programmed and saved if desired. Check the current temperature before using the PLS. Disconnect the PLS from the mains when it is not used for a longer period of time.

6.9.1 Heater control panel



- You can operate the heater using the 4 buttons ON/OFF/+/- . The setting of the heating power is indicated by a 10-level LED bar-diagram.
- The green LEDs 1-4 indicate low power/low temperatures.
- The yellow LEDs 5-7 indicate medium power/medium temperatures.
- The red LEDs 8-10 indicate high power/high temperatures.

6.9.2 Heating

- Switch on the heater using the ON-button on the control panel.
- The programmed setting starts. This setting starts the pre-heating period first (approx. 6 minutes; max- power/manufacturer's setting).
- When the pre-heating time has elapsed, the normal treatment setting starts (duration: 60 minutes; power: 30%/ manufacturer's setting).
- You can stop the pre-heating period using the + and - buttons and set the temperature to one of the 10 levels.
- Switch off the heater using the OFF-button.

6.9.3 Default setting

Default operating parameters of the heater when delivered

Total heating time	60 minutes	LED 6
Pre-heating period	6 minutes	LED 1+2
Power/total operation period	30%	LED 1+2+3

6.9.4 Programming

The values of the total operation period, the pre-heating period and the heating power are programmable. Use the following combination to enter the programming mode:

1. Press and hold the OFF-button.
2. Press and release the ON-button.
3. Release the OFF-button and enter the

Setting of the total operation period.

You can set 10 levels from 10 to 100 minutes. The position of the single and illuminated LED - from the left to the right - indicates the level. The default setting is 60 minutes.

Example for level 6 = 60 minutes total operation period:



Press the ON-button to save your setting, then you enter the

Setting of the pre-heating period

- Each illuminated LED indicates a pre-heating period of 3 minutes.
- Each LED represents a pre-heating period of 3 minutes. The default setting is 6 minutes.
- While the heater is still warm, the pre-heating period may be shorter if the heater is switched on again.
- Press the ON-button to save your setting, then you enter the

Setting of the power during treatment

The currently-saved value is indicated by the LED bar. The number of illuminated LEDs indicates the set heating power in 10% steps. Manufacturer's setting is 30%. Set the desired value by pressing the + and - buttons. Save your setting by pressing the ON-button.

The programming of the heater is complete.



You can finish the programming of the heater by pressing the OFF-button at any point of time.

6.10 Rotation function

You can rotate the seat of the PLS by 105° to the right or left. During treatment, always lock the desired adjustment using the lever which is located under the seat. Loose the lever to change the treatment position of the seat, then lock again.

This function can be used only when the leg rests are not folded down by 90°. If the leg rests should touch the base of the PLS while rotating the seat, please raise them a bit.

6.11 Manual Control Panel (optional equipment)



1. Press one of the buttons ▲ ▼ to operate the relevant motor.
2. Never press two or more buttons simultaneously.

6.12 Audio Relax (optional equipment)

This option provides total relaxation for your customer and adds a personal touch to your treatments. Two speakers laterally-installed in the headrest support the massage by an unique experience of sound without harassing your customer. The MP3-player is equipped with 50 minutes of relaxing-music. Moreover you can load other music on the MP3-player if desired. The volume is not intended for filling rooms with sound.

7. CLEANING/MAINTENANCE

⚠ WARNING! Always unplug the PLS before cleaning or maintenance.

- Clean the housing and upholstery using a damp cloth or sponge and a little soap only!
- The standard upholstery is made of synthetic leather. Do not clean this material using any aggressive detergent.
- If the material of your PLS is customized, please contact our service department for further information.

7.1 Trouble shooting

In case of any malfunction, please contact our service department.

8. TECHNICAL DATA

Height	49.5 cm* to 84 cm
Length	max. 2.00 m
Width (with/without arm rests	49/68 cm
Max. working height/heel	1.24 m
Inclination lying surface	25°
Lifting capacity	160 kg
Inclination backrest	0° to 75°
Trendelen/Anti-trendelenburg	yes
Inclination leg rest	0° to 85°
Total weight without options	approx. 80 kg

All values including safety factor.

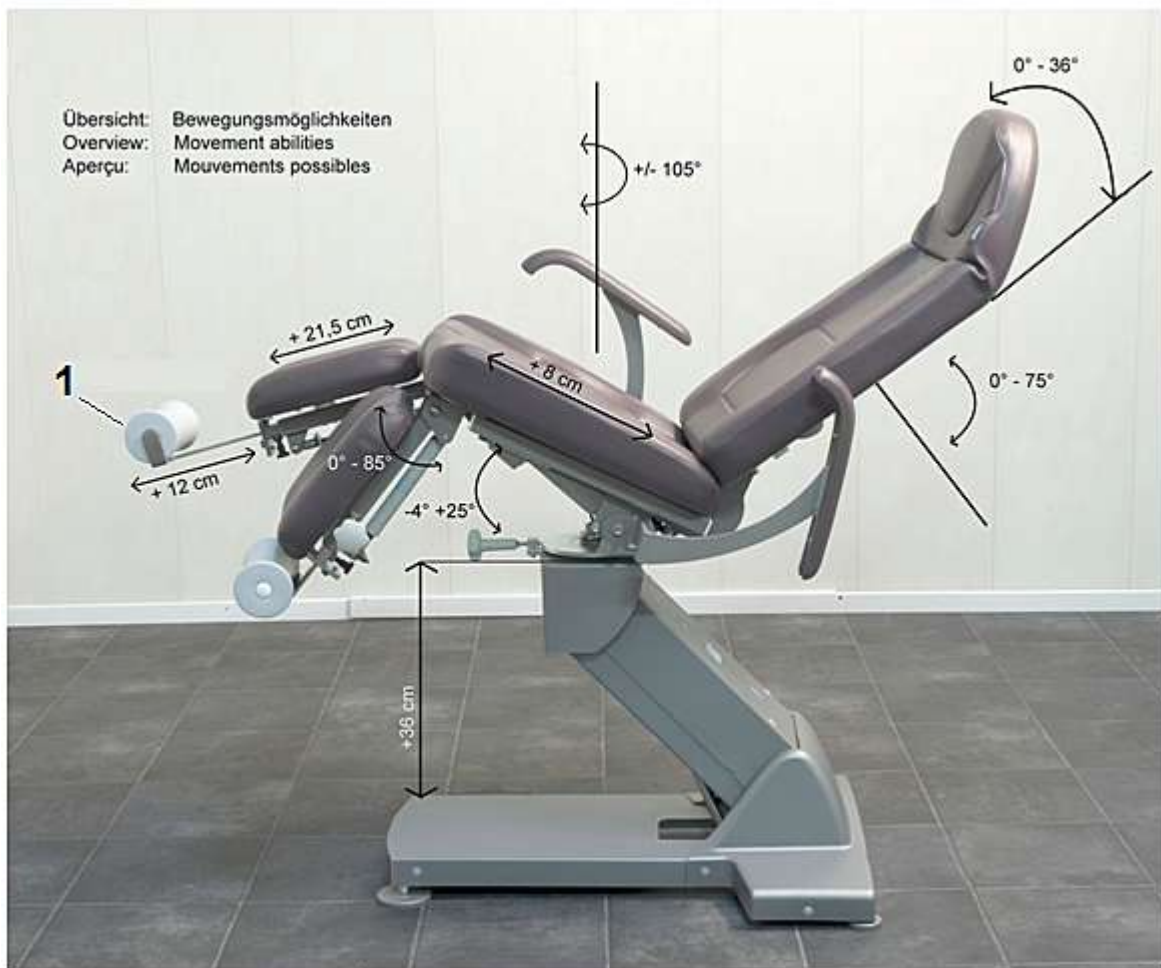
*: 46 cm with Memory - boarding/alighting support option.

Motors/controls

Power of transformer (primary)	220 VAC/50 Hz/200VA max.
Power of transformer (secondary)	24 V
Protection	3 Ampere AT
Duty cycle	10% max. 2 min/18 min
Power cable	3 m, straight, grey
Manual control panel	coiled cord, grey
Device protection class	I with heater; otherwise II
Overvoltage protection class	Type B
Protection against solid and liquid materials	IP X4

Smart-Thermo option

Power of transformer (primary)	220 VAC/50 Hz/120VA max.
Power of transformer (secondary)	24 V
Protection (primary)	2 Ampere



9. AMBIENT CONDITIONS

Environmental conditions for storage and transport

Temperature	ambient temperature -10°C to +50°C
Atmospheric pressure	700 to 1060 hPa
Relative humidity	20% to 90% non-condensing at +30 °C

Ambient condition during use

Temperature	ambient temperature +5°C to +40°C
Atmospheric pressure	700 to 1060 hPa
Relative humidity	30% to 75% non-condensing at +30 °C

10. GUARANTEE PROVISIONS

The Gharieni Group GmbH supplies all new equipment subject to a 3-years guarantee. Wearing parts (such as e.g. incandescent lamps, UV lamps, glass panels, consumables etc.) are not covered by this guarantee. Damage or loss due to unprofessional or improper use, non-compliance with the provisions of the instructions for use and/or gross negligence is not covered by guarantee either. In addition, the guarantee is invalidated if any stickers (such as e.g. the type plate, instruction notices etc.) are removed or if appliances or parts of appliances are opened without this being explicitly allowed in the operating instructions (e.g. for cleaning).

10.1 Exclusions from guarantee

Upon delivery, it is necessary to check that the equipment has not been damaged during transportation and that the set of accessories is complete and in good condition. Claims must be filed within 8 days after the delivery of Gharieni PediSpa. Apart from the cases specified in the supply agreement, **the guarantee is void when:**

- The malfunctioning is attributable to the operator.
- The instructions in this instruction manual are not followed.
- The Gharieni Basic PediSpa has suffered changes after repair operations performed by a third party unauthorized by Gharieni Group GmbH.

11. WASTE MANAGEMENT



- Do not dispose of the PLS together with your domestic waste. Old and unused appliances must be sent for disposal to the responsible recycling centre for electric appliances. Do not remove the relevant symbol from the product.
- The PLS is made of metal and plastic components, electronic components, electric cables. Dispose of the separate components in accordance with the current local disposal regulations. For further information, please contact your municipal disposal authorities, your retailer or

- | | | |
|--|-------|-----------------|
| ➤ Gharieni GmbH | Phone | 02841/88300-0 |
| | Fax | 02841/88300-999 |
| ➤ service@gharieni.com | | |
| ➤ Service-Hotline | | 02841/88300-40 |

12. EC-DECLARATION OF CONFORMITY

EC DECLARATION OF CONFORMITY

We
Gharieni Group GmbH
(Manufacturer)
Gutenbergstraße 40; D-47443 Moers; Germany
declare that the product

PLS
(Type or model; name)

is produced in accordance with the requirements specified in
Low Voltage Directive (LVD) **2006/95/EG**,
Electromagnetic Compatibility **2004/108/EG**,
Safety of Machinery **2006/42/EG**,

Moers
07/05/2011

(Place and date of issue)



S. Gharieni (CEO)

13. STATUS OF EDITION

Edition	Alterations (pages)	Date
First edition	-	10/30/2015



NOTES

[illegible]

THE PROPERTY RIGHTS OF THIS INSTRUCTION MANUAL ARE RESERVED. ITS REPRODUCTION OR TRANSMISSION TO THIRD PARTIES IS FORBIDDEN WITHOUT THE AUTHORISATION OF THE OWNING COMPANY. THE POWER TO PROTECT ITS RIGHTS IS RESERVED AND OFFENDERS SHALL BE PROSECUTED

Gharieni Group GmbH
Gutenbergstraße 40
D – 47443 Moers