en

Operating instructions

Translation of the original instruction

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Bowling ball polishing machine

UPGR8 BOWLING BALL SPINNER

TYPE: UB-001-UE-C; UB-002-UE-C; UB-002-UK

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Pro-Mill s.c.
ul. Portowa 1F
85-757 Bydgoszcz
www.upgr8bowling.eu

MADE IN POLAND

Table of Contents:

1. Dictionary of concepts
2. Admission
   2.1. Information on warranty, service
   2.2. Graphic designations in the instructions
   2.3. Legal claims
3. General information
   3.1. Building
   3.2. Technical data
4. Safety of use
   4.1. Personal protection
5. Completing
6. Storage and assembly
   6.1. Stopping
   6.2. Assembly
7. Spinner exploitation
   7.1 Preparation to work
   7.2. Use
   7.3. End of work
8. Maintenance, cleaning and lubrication
9. Troubleshooting
10. Utilization
11. List of spare parts
12. TERMS OF WARRANTY

1. Dictionary of concepts

Ever in this operating instructions, the following concepts will be used, should be understood:

Table 1- Table of concepts

Concept	Definition of the concept:
Manufacturer	Indicates the machine manufacturer - Pro-Mill S.C.
Machine	A team of conjugated parts or elements, of which at least one moves moves, combined into a whole, powered force other than the strength of human muscles connected in a whole applicable use.
SPINNER, SPINNERA	Indicates the trade name described in this operating instructions for the polishing machine to polish Bowling balls type UB-001-EU-C
User	An adult and deposits, familiar with these operating instructions. The User is a handling and preservative person described in this operating instructions for polishing the Bowling balls type UB-001-EU-C
Intended use	Using the machine according to the information contained in the operating instructions

2. Admission

Thank you for choosing the owner of your own manufacturer's spinner machine - upgr8bowling, used to polish bowling balls and trust that you have given a machine manufacturer, Pro-Mill S.C. When buying. We hope that our product will serve you as a reliable and secure polishing machine for bowling balls. Accurate familiarization with these operating instructions will allow you to long and safe operation of the machine.
This document contains basic information about:
• construction and operation of the machine;
• Machine installation and installation instructions;
• service and requirements for the user;
• correct machine operation;
• correct machine maintenance;
• Correct machine disposal.
Getting acquainted with this manual by supporting and maintaining the machine will allow trouble-free and safe work. This operating instructions should be stored carefully in places of dry and undermined, near the machine which applies. Do not pitch individual pages of the instructions, apply corrections and change on their own initiative. If the machine displays the following instructions below with the machine.
All units of measurement used in this manual are covered by the International System (SI).
All drawings and tables used in this manual are numbered.

2.1. Information on warranty, service

The UPGR8 BOWLING BALL SPINNER is covered by a guarantee in accordance with the warranty card at the end of this manual. If there are defects or faults of the machine during the warranty period, the manufacturer will repair or replace defective parts. In the event of any changes to the machine by operating or finding the warranty sealing, the warranty automatically expires, and any liability for damages resulting from the introduction of changes is transferred to the exploitation. If you have any questions, please contact the manufacturer's technical service at:

Pro-Mill s.c.
Ul. Portowa 1F, 85-757 Bydgoszcz
www: www.upgr8bowling.eu
E-MAIL: info@upgr8bowling.eu

2.2. Graphic designations in the instructions

Whenever this document contains the following distinctions:

Indicates an important safety information that should be particularly attributable to.

Indicates general information, worth awards

Indicates or prohibited

2.3. Legal claims

Transport, assembly, service and maintenance of Spinner should be performed by adult and deposits. It is allowed to handle the device by children over the age of 14 under adult supervision. Each of the listed persons must be physically and mentally capable of performing a given job. Under no circumstances should be allowed to contact the machine under the influence of alcohol or other psychoactive measures.
The Spinner machine manufacturer has made every effort to meet the requirements for ensuring the safety of the machine in accordance with Union legislation in accordance with the Machinery Directive 2006/42 / EC.
This manual has been prepared in accordance with the requirements taken before the manufacturer before placing machines on the market on the Community market of the European Union. It is forbidden to exploit the Spinner machine in a non-country country:
• a member of the European Union,
• Party to the Agreement on the European Economic Area,
• a member of the European Free Trade Agreement (EFTA)
The Spinner machine manufacturer reserves the right to content, drawings, schemes of this operating instructions, and duplication in whole or in part for purposes other than the correct exploitation of Spinner can only take place with the written consent of the manufacturer. This operating instructions should be damaged when disposal / scraping the machine. The manufacturer reserves the right to raise the process to those who do not apply to the above. The manufacturer is not responsible for translations of these operating instructions on foreign languages that are not authorized by the manufacturer. Original instructions (located on the first page of the title. Information PT: "Original Manual") was founded in Community - Polish. Each translation of the original instruction has in place of the inscription "original instructions" inscription in a given language translation: "Translation of the original instructions".

3. General information

Bowling ball polishing machine - Spinner - type UB-002-EU-C is a stationary device connected to an electrical outlet for manual polishing ball balls using grinding plates and water or specialized polishing paste.

Intended use:

The type machine has been designed, made, assembled and put into use with a view to polishing bowling balls. The use of a machine for purposes of any other than above is considered as a use unlawfully with its intended purpose, and the manufacturer is not responsible for damage to health, life of exposed and outsiders as well as on property and the environment.

3.1. Building

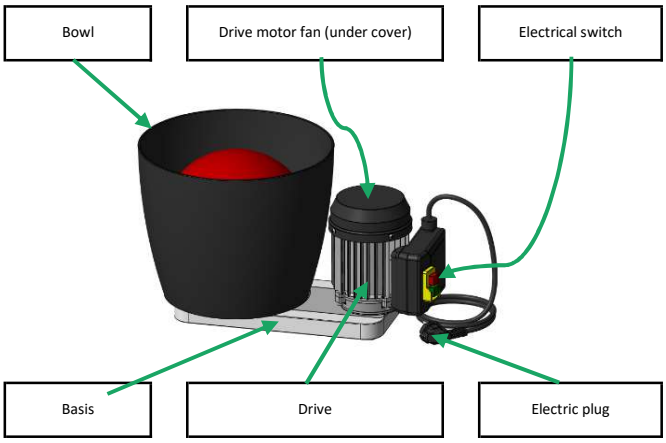


Figure 1- A general view Spinner with a description of individual elements

Inside the bowl, a rotary plate was placed on which a polished bowling ball is placed:

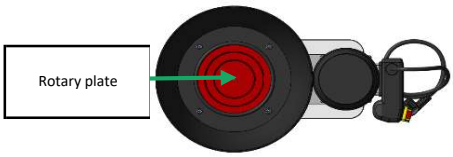
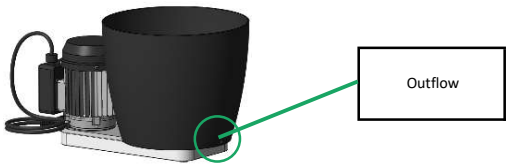


Figure 2- View "From the top" Spinner

At the bottom of the bowl, a through-axle (drain) was created for the outflow of excess water / water slurry with a polishing agent:

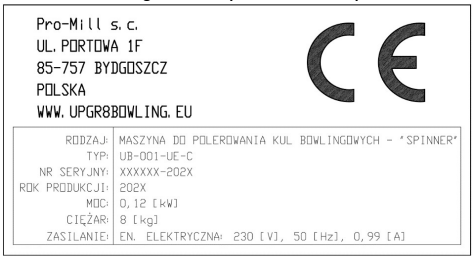


Drawnl 3- outflow of excess water spinner

3.2. Technical data

The engraved machine plate has been attached underneath the basic spinner. It contains the following data:

Figure 4- Example Machine Nameplate


Pro-Mill s.c.
UL. PORTOWA 1F
85-757 BYDGOSZCZ
POLSKA
WWW.UPGR8BOWLING.EU

RODZAJ:	MASZYNA DO POLEROWANIA KUL BOWLINGOWYCH - 'SPINNER'
TYP:	UB-001-UE-C
NR SERYJNY:	XXXXXX-202X
ROK PRODUKCJI:	202X
MOC:	0,12 [kW]
CIĘŻAR:	8 [kg]
ZASILANIE:	EN. ELEKTRYCZNA: 230 [V], 50 [Hz], 0,99 [A]

Table 2- Technical parameters of the Spinner machine:

Dimensions					
Length	**480 mm**	Width	**300 mm**	Height	**295 mm**
Supply	230 V 50 Hz 0,12 kW				
Weight	**8 kg**				
Type of bowling balls for polishing using the machine:	Bowling balls for Bowling variety - Ten-Pin Bowling				
Size polished ball:	Φ 216 ÷ 218 mm				
Maximum weight of polished ball:	7,25 kg (16 funtów)				

4. Safety of use

Safety instructions:

1. The product is not a toy in the light of the new EU approach directives and is not intended for use by children under 14 years of age.
2. The and exploitation of Spinner by people from the age of 15 and 18 can only take place under the supervision of an adult, after learning and applying to the provisions of this operating instructions
3. Spinner is powered by alternating current 230 Volt, 50 Hz. Connecting Spinner to power sources other than the above-mentioned may damage the machine, electric shock and threat to life and health.
4. Do not start and do not exploit Spinner if there are children under 14 years of age nearby.
5. Before the first start of the Spinner, check the correctness of assembly in accordance with the provisions of Chapter 6.2 of this operating instructions.
6. Do not use boveling balls and materials not intended for this purpose by the manufacturer of this substance / materials
7. Do not store flammable materials near Spinner
8. Do not insert the limbs into the space between the polished ball and the Spinner bowl (Fig. 1).
9. If for some reason the grinding plate falls into the interiors of the bowl under any circumstances trying to pull it out when the device works. Stop operation of the machine with a power switch, pull the ball (if he is in a bowl) and only then pull out the lost grinding plate.
10. Spinner only use inside the covered, illuminated rooms.

Indicates or prohibited

- **wear loose clothing**
- **Wear ties or other hanging wardrobes**
- **wearing rings / bracelets / chains**
- **Smoking tobacco, applying devices with an open flame**

It is forbidden:

- **Operating a damaged machine**
- **leaving moving elements without supervision**
- **Breaches of any machine components.**
- **Machine modification**
- **Exploitation of the machine under the influence of psychoactive substances**

Not applicable to the above guidelines may result in damage to health, life of vulnerable and outsiders as well as on property and environment.

4.1. Personal protection

When working on the machine, the user should be equipped with the following personal protective equipment:

- Safe footwear - category S1 in accordance with EN ISO 20345, in the case of transport and assembly of the machine above the working level (on the surface of the table, table, etc.)
- Safety goggles - compatible with PN-EN 166 cat. 3 s - depending on and if you use a polishing paste

When using a paste, a polishing agent for polishing the surface of bowling balls, refer and follow the records on the packaging on the requirements of use or non-protective goggles and / or other individual protective measures.

The above-mentioned personal protection measures should meet the requirements of the PN-EN series harmonized with the EU Directive 89/686 / EEC / and be marked with:

5. Completing

The Spinner Machine is sold in a collective packaging - a carton. Inside the packaging is:
- machine for polishing ball balls - spinner - 1 item;
- this operating instructions - 1 item;
- Declaration of conformity for the Spinner machine - 1 item;
- Polerice disc with gradation 500- 1 item;
- Polerice disc with a gradation 1000- 1 piece;
- Polerice disc with gradation 2000- 1 item;
- A bottle with an atomizer / water sprayer (empty) - 1 item

6. Storage and assembly

6.1. Stopping

Spinner is delivered in a cardboard protective packaging. For a long storage, the machine should:
- protect against moisture and temperature strokes;
- protect against contact with liquids and corrosive materials;
- protect against long-term effects of solar radiation;
- Secure from falling and impact.
- Store in a closed and dry room with a temperature of -20 ÷ 40 ° C;

6.2. Assembly

Spinner installation should take inside with covered and sheltered rooms in which the ambient temperature oscillates in the range -20 ÷ +40 ° C, located a maximum of 1000 m N.P.m.

It is forbidden to exploit the outdoor machine, in places of explosion as well as in the surroundings of combustible liquids or gases!

The room should be additionally equipped with the necessary technical architecture, i.e.:
- Energy connection: 230 Volt, 50 Hz, allowing you to supply the machine into a power of 0.99 kW, made in a TN-S or TN-CS system (with a PE protective conductor)
- Lighting in a room that meets the provisions of PN-EN 12464-1 (even lighting with intensity> 300 LX does not cause the phenomenon of radiation) as well as national legislation;
- A rectangular surface with dimensions should be provided for the device: 480 x 300 mm and a height of 2.2 meters
- dry, unmatched, leveled substrate, made of anti-slip materials, allowing to move the weight of the device,

The weight of the machine - 8 kg - allows for manual unloading from the protective packaging and transport to the destination. Spinner transport manually, holding the cover for the base of the device on the opposite sides of the base (green arrows on Fig. 4). Spinner lift only with straight back.

Never transport a spinner when inside the bowl there is a bowling ball!

On the transport time, collapse the power cord to the reel of the reel and protect it with an eraser / wire and then put the spool of the rolled up of the wire to the bowl. Not applicable to this risk of stinging to the inserted power cord!

During transportation of the device, use personal protective equipment such as protective footwear listed in chapter 3.1

Never transport Spinner while holding the bowl and / or drive engine! This may be damaged Spinner.

After moving the spinner to the destination of exploitation, place the machine on the leveled, equal substrate, putting it down to the bottom.

It is recommended to exploit the Spinner machine at the floor level. In the case of spinner on the sheet, make sure that the device's stability is sufficient to work with a given size and weight of a polished bowling ball.

Then expand the power cord and connect the Spinner plug with a dry hand to the electrical outlet 230 Volt 50 Hz an alternating current.

The power socket to which the device has been connected must have grounding. The electrical line on which the device has been connected must be secured with a properly selected overcurrent switch or fuse and a differential and current switch.

7. Spinner exploitation

7.1 Preparation to work

1. To the attached bottle with an atomizer / water sprayer, pour water and turn the spray tip to a bottle.
2. Prepare polishing discs so that they are within your reach of your hands, but they were not located on any component of Spinner.
3. Make sure you are equipped and dressed in personal protective equipment in accordance with point 4.1 of this operating instructions.
4. Make sure that the polished bowling ball does not exceed the dimension and weights allowing polishing in the Spinner machine according to Tab. 2 in Chapter 2.2.
5. On the SPINNER, SPINNER (Fig. 3), place a container for receiving excess water residue.
6. Place the polished bowling ball inside the plastic bowl (Fig.1) so that it is based evenly on a rotary plate (Fig. 2) and its walls did not touch the plastic bowl.

It is allowed to use specialist polishing paste for polishing ball balls imposed on grinding discs while using a spinner, provided that these measures will not enter into a chemical reaction with the components of the Spinner machine - in particular made of plastics.

7.2. Use

The polishing process of bowling balls using the Spinner machine should only be carried out and only being equipped and wearing individual protective equipment listed in Chapter 4.1

1. Spray the aqueous bowling ball using the attached atomizer / water washer
2. Turn on the electrical spinner switch to move by pressing a green button with the symbol:

Figure 5- Marking the "On" button
On the Spinner electrical switch

3. Depending on the degree of inequality on the surface of bowling sphere, polishing start from the polishing disc about the grade. If you do not know what degree of gradation of the polishing pulley corresponds to the degree of consumption of the surface of your ball, polishing start from the polishing pulley with gradation 500.
4. Polify the sphere of the ball only and only inside the bowl, over the rotating plate, which is a ball half located above the level of the substrate.
5. Polify the surface for so long until further polishing using the polishing pulley will stop bringing visible results in the form of a more even surface of the bowling ball.
6. Replace the polishing puck on a disc with greater gradation. Follow again according to item 4-6 of this chapter until the use of a polishing pulley with the highest gradation.
7. Stop the spinner operation by pressing the red button on the electrical switch with the symbol:

Figure 6 Turning the "Disable" buttonOn the Spinner electrical switch

8. Change the sphere position on the Spinner rotary plate (Figure 2) so as to polish another pail of the surface of the polished bowling ball.
9. Proceed according to item 2 - 8 of this chapter until the surface is polished the entire bowling ball.

7.3. End of work

1. Disconnect the Spinner plug from the electrical outlet and collapse the electric wire into the form of a reel and protect it from developing the wire / rubber band.
2. Wipe the inside of a plastic Spinner bowl with a dry cloth by removing the remains of used polishing paste and the residues after polishing.
3. Content of the container for receiving excess water / water slurry with a polishing paste
4. Move Spinner to a room that meets the requirements of chapter 6.1.

8. Maintenance, cleaning and lubrication

Spinner does not require any work related to the lubrication of moving parts during the entire machine life cycle, it was lubricated at the production stage.

Before cleaning the machine, pull out the network plug with a dry hand from the electrical outlet.

Cleaning the machine should take place with a clean and dry cloth. In the case of strong dirt, elements made of plastic, i.e. bowl, the base should be cleaned with a damp cloth or a gentle soap. It is allowed to use unmatched compressed air to clean the inaccessible corners and the surface of the drive motor in the event of excessive dusting

Cleaning the machine can only make an adult. During cleaning, children can not in the room.

9. Troubleshooting

Table 3 Possible defects and how to remove them

FAULT	Possible causes	Repair operations
='ORG_PL (2)'!X682	- device not connected to an electrical outlet	Check if the connecting cable is inserted into an electrical outlet. If the plug is correctly inserted into the socket and despite this machine still does not start, please contact the authorized manufacturer's service to repair the device
	- Damaged Electric Switch	
	- Damaged drive engine	
Loud machine work	- excessive consumption of drive motor bearings and a rotary plate	Contact an authorized manufacturer's service to repair the device
	- Excessively pulled toothed belt	
	- Called engine fan blade	
Uneven machine operation, Slip of the rotary plate	- Excessively pulled toothed belt	Contact an authorized manufacturer's service to repair the device
	- Damaged drive capacitor	
	- Damaged stator / drive motor rotor	
A perceptible smell of burning during machine operation	- Damaged stator / drive motor rotor	Contact an authorized manufacturer's service to repair the device

10. Utilization

The user is responsible for the withdrawal and utilization of spinner. The utilization of spinner used parts falling into its composition should be carried out at the disposal points (collection) of problem waste - electro-waste receiving points. For detailed data on the address of such a point, please go to the local municipal / city office. The used device can also be given to authorized companies specializing in neutralization of such waste, with absolute behavior of environmental protection.

11. List of spare parts

Table 4- List of spare parts

Part number	Name	Description
UB-001-UE-C-1	Driving	Drive assembly consisting of a drive motor of the electric switch and a toothed circle
UB-001-UK-1		
UB-001-UE-C-2	Gear	Belt connecting the drive engine with axle axis
UB-001-UE-C-3	Rubber cladding	Rubber pulley of the rotary plate

12. TERMS OF WARRANTY

1. Produccent from the date of purchase grants:
• 24 month warranty for use of the machine via
user / amateur and semi-compliances users,
• 12 month warranty for the use of a machine in professional applications.
2. During the warranty period, any faults and defects of devices resulting from the fault of the manufacturer will be removed free of charge at the manufacturer's expense of up to 21 business days from the date of delivery to the manufacturer's headquarters or an authorized point of sale.
3. Documents entitling the buyer for free warranty repair is a correctly completed warranty card and proof of purchase.
4. The manufacturer does not grant a guarantee if there is a breakdown of the warranty sealing, operation of the machine in conditions incompatible with Chapter 6.2 of the machine's operating instructions.
5. The warranty is not covered by:
• Device consumables, consuming in a normal, planned manner, i.e. bowl and base made of plastic artificial
• Damage caused by electric surge, flooding the device
• Damage caused by improper selection of the device
• mechanical, thermal, chemical damage caused by improper operation or cessation of cleaning and maintenance.

The warranty loses validity in the case of:

1. Providing a change, modernization, processing of a mechanical or electrical spinner structure
2. Exploitation of the machine under conditions other than those mentioned in Chapter 6.2 of operating instructions
3. Determination of repairs performed during the warranty period by persons not entitled
4. Finding the use of substances for polishing ball balls other than water or a water suspension with a specialist polishing paste intended for polishing bowling balls.
5. Spinner damage during transport from the store to the customer
6. Damages that may arise due to incorrect connection of the spinner to the electrical line or improper parameters of the same electrical line.

If you find any of the above sub-boxes, the costs related to the repair and request of the Website are borne by the customer.
Complaint should be reported by mail or e-mail to the following address:

Pro-Mill s.c.
Ul. Portowa 1F
85-757 Bydgoszcz
POLAND
E-MAIL: info@upgr8bowling.eu