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USER MANUAL



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1. INTRODUCTION

This User manual regulates and explains the proper use and handling of 2 wheel and 4 wheel collection bins made by Plastik Gogić d.o.o.

The products mentioned here are regulated by and in conformity with following standards:

EN 840-1

“Mobile waste and recycling containers – Containers with 2 wheels with a capacity up to 400 L for comb lifting devices – Dimensions and design”

EN 840-2

“Mobile waste and recycling containers – Containers with 4 wheels with a capacity up to 1300 L with flat lid(s), for trunnion and/or comb lifting devices – Dimensions and design”

EN 840-3

“Mobile waste and recycling containers – Containers with 4 wheels with a capacity up to 1300 L with dome lid(s), for trunnion and/or comb lifting devices – Dimensions and design”

EN 840-5

“Mobile waste and recycling containers – Performance requirements and test methods”

EN 840-6

“Mobile waste and recycling containers – Safety and health requirements”

EN 1501- 1 to 5

“Lifting devices for refuse collection vehicles”



All products are certified by
TUV Rheinland Group



Sound power level



CE marking

2. PROPER USE

Bins and containers are intended for the collection of recyclables and residual waste, plastic waste, metallic waste, paper, cardboard, bio waste (if non-hazardous). The containers must be handled properly and carefully. If not, it can do damage to the container or wheel which can cause dangerous situation. The container should not be used if there is a serious damage on it.

No hot ashes, caustic, burning, glowing or hot substances, as well as materials that may deform or damage the container (maximum temperature of the filling material $<45^{\circ}\text{C}$) or other waste materials for which storage and transport are separately regulated by law (such as hazardous substances, batteries, medical waste, dead animals etc.).

The maximum permissible total weight of the filled container must not be exceeded (see marking on the body or manufacturer's guidelines).

Permissible weight is calculated as follows: maximum weight density 0.4 kg/dm^3 x nominal container volume plus container weight.

Total permissible weight for each product can be found on dimension table below (pages 9 and 10).

2.1 Emptying

Plastik Gogić 2-wheel and 4-wheel containers are designed exclusively for emptying with lifting and tipping devices that are in accordance with EN1501 standard Form A.

The containers are not intended for manual emptying.

User must ensure that entire length of frontal receiver is firmly and securely locked on emptying device. During emptying the maximum angle expansion cannot exceed angle of 25°.

Containers with damaged frontal receiver may no longer be used.

If lifting devices do not comply with EN 1501, all warranties and guarantees will be void.

2.2 Proper use of lids

Lids must be opened with the handles.

Lids must be operated from the front, not from the rear.

The container must be transported with a closed lid to prevent collected goods and their gases, vapors and dusts escaping, which may endanger health.

The lid must rest on the body if the container is being emptied by lifting device.

The lid must be closed after emptying process to prevent rainwater, animals or insects from entering.

When add-on parts such as foot pedal are installed they should be used for opening the lid.

Do not overfill the container, the lid should be able to fully close at all times.



3. SAFETY NOTES

- Only put the container on a level (<math><5^\circ</math> incline) and firm surface!
- Always break containers when stationary!
- Do not put your head in the container!
- Do not climb into the container!
- Do not insert any body parts (fingers, etc.) into the container before closing the lid!
- Do not pour hot substances (especially ash) into the container, maximum temperature must be <math><45^\circ\text{C}</math>!
- Do not put any objects on the container or lid, especially before opening the lid!
- Caution when pulling upwards or pushing downwards!
- Do not place the container near heat sources!
- Always ensure that the brake systems on 4-wheel containers are activated – especially on sloping ground!
- Do not sit or stand on the container!
- Do not overload the container - risk of tipping (risk of injury, damage is possible)!
- Only move waste and recyclables containers when the lid is closed!
- If the lifting device is operated only use waste and recyclables containers with the lid closed!
- Do not place on sloping ground!
- They are not suitable for transport when full!

4. REPAIR

Only original spare parts provided by Plastik Gogić should be used for repair.

Only persons authorized by the manufacturer should carry out repairs.

Check if container is damaged before each lifting and tipping operation and before each emptying operation. Damaged containers must not be lifted or emptied.

Repairing damaged receivers on 2-wheel and 4-wheel containers is not allowed.

Damaged wheels or brake systems must be replaced.



5. STORAGE AND TRANSPORT

Unload containers with care. The containers must not be dropped from the vehicle onto the ground either individually or in stacks. The stacking ribs on the container are not designed for long-term storage. Stacks with maximum load must not be stored for longer than 3 months. After period of 3 months deformities may occur on container side surfaces and stacking ribs. Follow the manufacturer's instructions for use, otherwise all warranties and guarantees will be void.

For outdoor storage, you must protect containers from rain and snow. Make sure that top container is closed when stored in the stack and also that the entry of water into the containers stacked underneath is prevented by suitable measures (for example – place stack of containers under the roof or protect the stack by placing plastic film or plastic bag around containers).

A container or stack filled with water far exceeds the maximum permissible total weight which can result in damage or security risk.

Example of protecting stacks by placing nylon on them

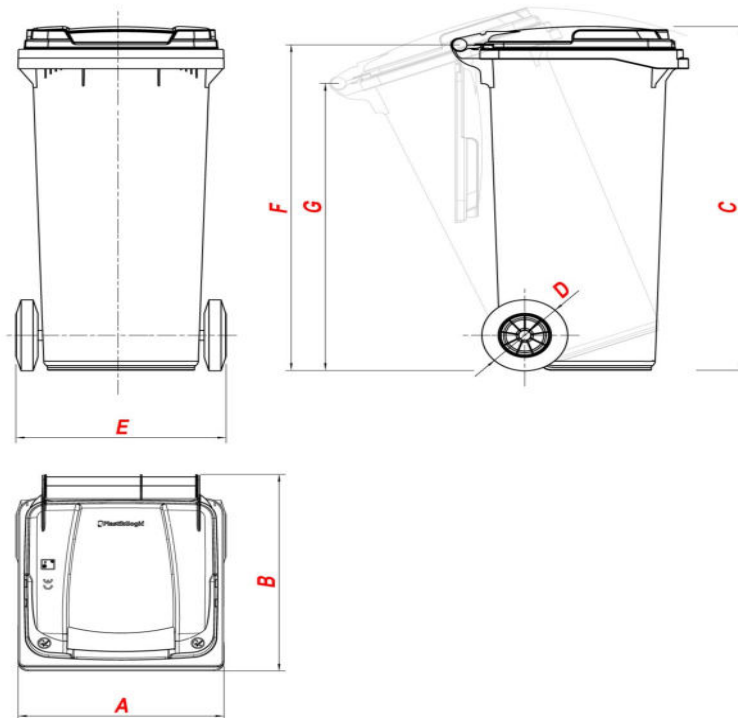


6. DIMENSION TABLES

Table 1 - 2 wheel containers

Type of 2-wheel container	Max. permissible weight (kg)	Overall width (mm) – A	Overall length (mm) – B	Overall height (mm) – C	Wheel diameter (mm) – D	Overall width wheels with axle (mm) - E	Handle height (mm) - F	Handle height tilted (mm) - G
60l Urban	50	445	522	935	200	436	880	780
80l Urban	50	445	522	935	200	436	880	780
120l Premium	60	550	480	964	200	483	919	802
120l Urban	60	555	480	954	200	483	904	794
120l Twin	60	541	483	953	200	483	941	824
140l Standard	70	560	480	1055	200	483	1005	828
240l Standard	110	740	575	1070	200	571	1015	839
240l Premium	110	734	578	1092	200	571	1014	834
240l H	110	740	585	1070	200	483	1015	839
240l Urban	110	740	575	1070	200	571	1015	839
360l Urban	160	880	596	1099	200	525	1025	781

-The pulling force for continuous movement of the 2-wheel containers is max. 60 N.



The image illustrating the product does not have to match the actual appearance of the product.

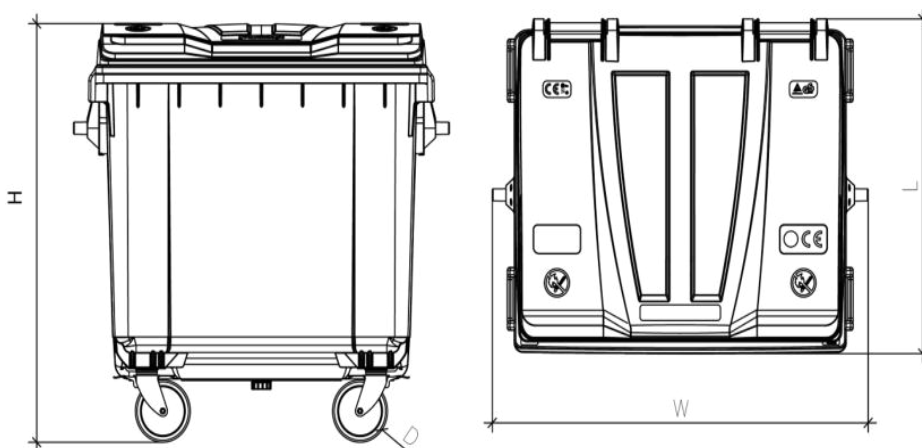
Table 2 - 4 wheel containers

Type of 4-wheel container	Max. permissible weight (kg)	Overall height (mm) – H	Overall width (mm) – W	Overall length (mm) – L	Wheel diameter (mm) – D
660l Premium	310	1228	1370	778	200
770l Premium	360	1365	1370	778	200
1100l Premium FL	510	1344	1370	1070	200
1100l Premium DL	510	1461	1370	1070	200
1100l Urban FL	510	1355	1370	1074	200
1100l Urban-PL FL	510	1354	1370	1074	200

-The pulling force for continuous movement of the 2-wheel containers is max. 285 N.

6.1. Castors and brake systems in 4 wheel containers

- Containers are equipped with 4 rotating wheels as standard, 2 of which have brake mechanism. Wheels with brake mechanism are mounted on the front of the container as standard.
- Directional locking wheels are used in conjunction with the traction mechanism and can be optionally installed on containers.
- Wheels with a central locking mechanism - the brake mechanism of the two front wheels is linked by a lever and activated by a side-mounted pedal. This mechanism can be optionally installed on the container.
- The wheels are equipped with plain bearings as standard.
- The static load capacity of the wheels is 300 kg. The dynamic load capacity is 250 kg.



The image illustrating the product does not have to match the actual appearance of the product.

7. MATERIAL

2 wheel and 4 wheel containers are made from **HDPE** (high density polyethylene) which has good stiffness and impact resistance, good resilience to temperatures from -30 to +80°C and excellent chemicals resistance. It is UV stabilized and rust resistant.

HDPE is 100% recyclable.