2wheel waste containers
Robust design
The robust design of all four corners of the bin provides high pressure and impact resistance during garbage collection.

Reinforced sides
Solid and reinforced sides for extra durability, heavy use and improved design.

Alternative axle position
Integrated dual holes allow the assembly of axles at different heights depending on the wheel size.

Clever axle placing
During transport, the axles are fixed to a specific position next to the handle. This allows convenient stacking and a quick visual inventory control.

Insulating edges
The especially designed edges prevent the entrance of rain water or other liquid into the bin.

State-of-the-art technology
Responding to the growing demand of the waste management industry, HELESI designed the new 2wheel series MGB-PRO produced with the use of moulds of the latest technology in the sector of injection moulding. The production process is fully automated and based on the use of specialised software and industrial robot systems. The series MGB-PRO supports every single requirement on waste management.
2wheel plastic waste bins

HELESI offers the most efficient and cost effective solutions which suit any specific user’s requirement for wheel-driven bins. Waste bins are available with a multitude of accessories which supply any special need of municipalities and waste management companies.

- Lids with special openings for the collection of aluminium, glass, paper and other recyclable materials
- Specific types of lock systems
- A variety of bins for organic or household waste
- Identification systems
- Colour variety

Lids - Recycling covers

A variety of resistant lids, with reinforced sides, special openings for the collection of any recyclable material such as aluminium, glass, paper, plastic or other are available. In particular, the cover Lid-in-Lid option is ideal for using the bin from the edge of the pavement.

Wheels and axles

All 2wheel waste bin models are fitted with galvanised anticorrosion axles and equipped optionally with plastic fittings on the wheels for additional noise reduction and anticorrosion protection. All bins can be equipped with rubber wheels 200mm-300mm depending on the model.

Smooth surfaces

The smooth, rounded surfaces of the bin ensure simple and hygienic cleaning, preventing odours deriving from residuals.

Drain plug

The liquid drainage outlet, integrated into the lowest possible position of the bin, in combination with the rounded and smooth surfaces provide easy and hygienic cleaning even without using a trash bag.
Noise reduction
There is an optional solution for noise reduction through the placing of special tyres on the edge of the lid.

RFID chip nest
Identification and registration of bin data is possible through specific identification chips. Each bin can be equipped with a cross-board chip nest compatible with any identification system. It is discreetly placed under the comb bar which allows the chip to be under long-term protection, remaining almost invisible.

Individualization and labelling
With the use of diverse variations such as customized names, logos, instructions, serial numbers and graphics on the body or the lid, waste bins are adjusted to customer’s specific needs.

Lock systems
There are two different lock systems in order to avoid unauthorized access to the bin: the triangular lock which is secured by a special key and the gravity lock which opens automatically and then relocks on completion of the operation.

Foot pedal
The foot pedal is an additional accessory that allows easy opening of the lid with the foot and with no use of hands.

Pre-composting Bio-Bin
This version is especially designed for the collection of organic waste: special ventilation openings on the side walls, a perforated wall under the lid handle, as well as a grid existing on the base of the bin for the draining of liquids and the easy removal of organic waste during the evacuation procedure. These characteristics facilitate ventilation and contribute to the preparation of organic waste for subsequent composting. In particular, Bio-Bin succeeds in accelerating drainage in a way that the total waste volume is significantly reduced during collection.
**IML- Labelling**

In-Mould Labelling technology (IML) refers to an innovative and fully automated method during which the label gets applied to the surface of the product during the production process inside the injection moulding machine. This type of label does not deteriorate, is protected from UV radiation and remains clearly visible and colourful. The accuracy of printing and colour quality is excellent compared to any traditional method of printing or stickers.
Hellenic Environmental Systems Industry S.A

As a global leader in the sector of polyethylene and polypropylene plastic product industry, manufacturing plastic injection-moulded products, Helesi owns one of the most modernized and well equipped units in Europe, located in the Industrial Area of Komotini. It is prominent among the nine companies worldwide which produce a full range of plastic waste bins and containers according to the EN-840 Standards and is noted for its significant activity within the waste management sector.

The company, aware of the recent requirements in transport and product storage, invested in moulds of the latest technology aiming at the production of multiple alternatives on transport and storage, with long life expectancy and in accordance with EU Directives & Regulations.