



TECHNICAL SPECIFICATION

1100-Liter Metal Waste Container (Euro Lifting System Compatible)

1. Product Description

This product is a 1100-liter metal waste container designed for the collection and temporary storage of municipal solid waste in outdoor environments. It is fully compatible with **Euro lifting systems (EN 840 standard lifting trunnions)** used by waste collection vehicles.

2. Standards & Compliance

- Manufactured in accordance with the **EN 840** series European waste container standards (specifically EN 840-6).
- Made of hot-dip galvanized steel and meets the quality requirements of the **Turkish Standards Institution (TSE)**.

3. Technical Drawing & Dimensions

(The following data is based on the provided technical drawing)

Dimensions based on Drawing Data:

- **Total Height:** 1288 mm
- **Body Height (Including Casters):** 1250 mm
- **Width (Including Trunnions):** 1312 mm
- **Base Width:** 1150 mm
- **Depth:** 950 mm
- **Lid Opening Angle:** 270°

4. Material Properties

Component	Material
Body	Original galvanized steel sheet
Lid	Original galvanized steel sheet
Lifting Trunnions	Ø16 mm round steel
Wheel Mounting Plate	4 mm steel
Welding Method	Gas metal arc welding (spatter-free and leak-proof)

5. Sheet Thickness

- **Body:** 1.50 mm
- **Lid:** 1.50 mm
- **Trunnion Support Plate:** 3 mm
- **Wheel Mounting Plate:** 4 mm

6. Caster (Wheel) Group

- 4 × 360° swivel casters for easy maneuverability.
- 1 × caster equipped with a brake (additional brakes optional).
- **Standard Size:** 150 × 45 mm (Indicated as Ø 160 mm in the drawing).
- **Optional:** 200 × 50 mm heavy-duty casters.

7. Euro Lifting System & Mechanical Features

- Equipped with lifting trunnions manufactured according to EN 840 connection dimensions, compatible with standard waste collection vehicle arms.
- Reinforced structure designed to prevent deformation during mechanical emptying.

8. Surface Protection & Durability

- The entire container is made of galvanized steel, providing high resistance to corrosion.
- Resistant to outdoor weather conditions, impacts, and heavy-duty usage.
- Gas metal arc welding ensures structural integrity and a leak-proof body.

9. Lid & Hinge System

- The lid hinge system allows for an unobstructed and full opening (up to 270°).

- Features a secure, tight, and stable closing mechanism.
- Optional handles or lifting grips can be mounted upon request.

This document represents the technical standards and production quality of the product.

10. Technical Drawings

