

Complete Protection for Demanding Environments

The TGC enclosure was developed to secure large-format thermal printers used in industrial or logistics settings. Its body is made from a single thermoformed thermoplastic element, providing exceptional strength and sealing without weak points. The 10 mm thick composite walls effectively protect your equipment from shocks, dust, and splashes.

Overpressure Ventilation System

The main feature of the TGC enclosure is its advanced ventilation and extraction system. It draws in ambient air, filters it, and then maintains a slight overpressure inside the enclosure. This process actively prevents dust intrusion, even when the enclosure is opened, by creating a clean air barrier. It ensures optimal printer performance and reduces maintenance needs.

Key Benefits

The printer access has been designed for simple and quick handling:

1. **Full side access:** A drop-down side panel, mounted on a piano hinge, provides direct and complete access to the printer for consumable replacement or maintenance.
2. **Assisted opening:** The top cover, assisted by two pneumatic struts, opens effortlessly for top access.
3. **Quick access to controls:** A transparent front flap (PMMA) allows label viewing and printer control access without fully opening the enclosure.

Advantages & Features

- **Active protection:** Dust filtration and overpressure system.
- **Monobloc structure:** High impact resistance and perfect sealing.
- **Eco-friendly material:** Made from 80% recycled materials and 100% recyclable.
- **Multiple access points:** Side, top, and front openings for maximum ergonomics.

Options :

A wide range of logistical options is available, such as adding handles, shelves, or monitor supports to create a complete workstation.

Available Version:

Also offered in a soundproof version (TGC SOUNDPROOF) to reduce noise disturbances.