TGC

Protective enclosure for large format thermal printers

Characteristics:

• The enclosure body consists of a single thermoplastic unit so that the front, side and rear are part of the same structure;

• 10 mm thick composite walls, dyed in the mass, to protect and seal the enclosure;

• Connections: 80 mm diameter cable port;

VENTILATION: The ventilation and suction systems are used to:

- *Suck, filter and pressurise the inner volume;*

- *Discharge air when opening the enclosure, which creates a barrier preventing dust from entering.*

Left side:

• Inlet grille equipped with filter to trap the dust.

Rear panel:

• An ECA (fan placed behind a grille with filter);

• The computer hardware is powered up when the enclosure (fan) is switched on via a switch.

Right side: Handling:

• Side access to thermal printer;

• Enclosure opening & closing:

• Side panel folds down, fitted on piano hinge and closed with two latches;

• Thermoformed cover with PVC strengthener to improve the strength of the panel:

- *Cover closes against drop-down flap fitted with lip seals;*

- *Fitted with hinges and opening assisted by two gas springs.*

Front panel:

• Printer controls and labels accessed via the front panel using a 6 mm thick PMMA (transparent thermoplastic) fold-down flap;

Advantages:
- Shock resistant
- Optimum physical and thermal protection
- Suitable for thermal printerslarge format thermal printers

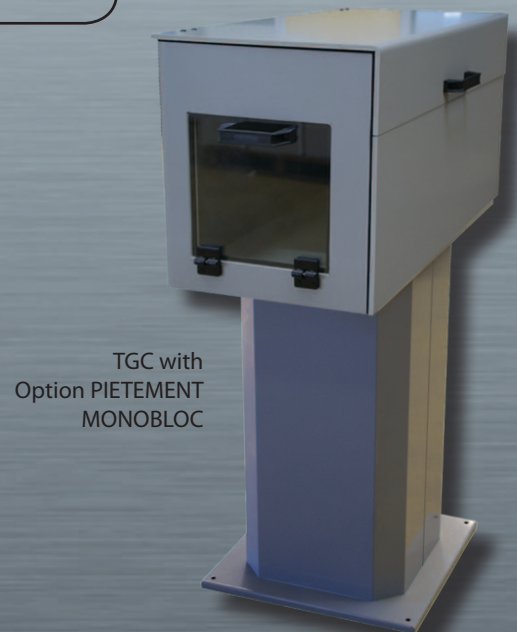*Soundproofed version available: SOUNDPROOFING TGC*

TGC DIMENSIONS (mm):

Overall outer dimensions	W 460 x D 760 x H 510 mm
Useful inner dimensions	W 420 x D 700 x H 480 mm

Inner view of the TGC:
Ventilation grilles on the side
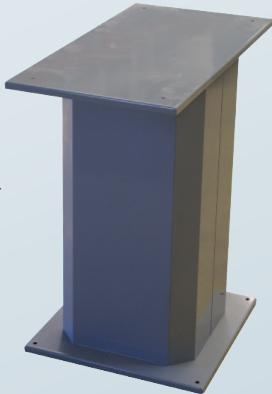and ECA with switch on the rear

TGC with
Option PIETEMENT
MONOBLOC

REALISATIONS

Fixed and mobile workstations

DESCRIPTION OF OPTIONS

*The protection system
for large format thermal printers*

*MONOBLOC
STAND
option*

MONOBLOC STAND option

- RAL 7035 grey painted steel stand. Available in two sizes:
  - Height: 680 mm;
  - Height: 960 mm.

Option KDL:

- Specially designed cable gland system to feed cables without having to remove the connectors;
- The cable gland consists of two sections which hold the cables in place in the seals.

*Slot
LABEL SLOT +
GUIDE*

*Slot
TAV model*

LABEL SLOT options

- LABEL SLOT + GUIDE: Slot in the PMMA flap on the front with a guide for easy handling of labels;

- TAV: Inspection port in unbreakable polycarbonate Available in two sizes (mm):
  - TAV L 12: L 220 x H 100;
  - TAV L 24: L 220 x H 190.

*PRESSURE REDUCER
option*

PRESSURE REDUCER option

- The enclosure is connected to the dry air network via a pressure reducer to pressurise the enclosure and prevent the entry of any particles, dust, etc.

LM REALISATIONS