Cogan®
A Tradition of Quality Since 1901

TA-50 Gear Locker Specifications

Part 1 General

1.1 Scope

This specification is intended as a quick reference of general information related to pre-engineered TA-50 gear locker system consisting of framed wire mesh panels, framed doors, framed shelves, roof panels, wire mesh back panels and hardware.

1.2 Approved Manufacturer

Cogan Wire and Metal Products Ltd.
2460 des Entreprises
Terrebonne, Qc J6X 4J8
Tel.: [800]-567-2642
Fax: [800] 633-3004
www.cogan.com

1.3 Quality Assurance

The gear locker manufacturer shall be an established firm with a minimum ten years of experience in the design and fabrication of pre-engineered TA-50 gear locker systems. The installation contractor shall be a firm experienced in installing tenant locker systems.

The supplier shall warrant the gear locker materials to be free from manufacturing defects for a period of one year. Warranty does not cover damage caused by conditions beyond the control of the supplier.

1.4 Project Approval

The client or owner must submit signed, approved drawings prior to the fabrication of the gear locker. The client or owner shall be responsible for all quantities and dimensions, including the verification of and coordination with field conditions. The client or owner shall verify all critical dimensions and conditions of existing construction that relate to the gear locker project prior to manufacturing. Cogan must be notified, in writing, of any elements found to be inconsistent or not compatible with the details indicated by approval drawings.

Cogan®

A Tradition of Quality Since 1901

PART 2 ARCHITECTURAL AND MATERIAL SPECIFICATIONS

2.1 OVERVIEW

The TA-50 gear locker shall be a pre-engineered wire mesh locker system consisting of framed wire mesh panels, framed doors, framed shelves, roof panels, wire mesh back panels and hardware.

2.2 SIDE PANELS

Wire mesh side panels shall be framed. Panel frames shall be made of 1¼"x1¼"x12ga structural steel angle and shall have two vertical framing elements that extend 6-inches beyond the lower edge of the framed fabric. Corners shall be notched and seam welded. The fabric shall be welded to the frame at every 6-inches. The following fabrics are available for side panels:

- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x2";
- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x1";
- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 1"x1".

Side panels are manufactured in the following standard depths: 12", 18", 24", 30", 36", 42", or 48".
Side panels are manufactured in the following standard heights (including 6" sweep): 78", 84", 90" or 96".

2.3 DOORS (SWING)

Swing doors shall be made of the same material and in the same method as the side panels (two vertical framing elements that extend 6-inches beyond the lower edge of the framed fabric excluded). In addition, two ½" round diagonal stay bars shall be included on the door panel. Doors shall be equipped with a set of padlocking hasps, a welded handle, and door stopper. Doors shall be of single swing type or double (bi-parting) swing type. The following fabrics are available for side panels:

- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x2";
- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x1";
- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 1"x1".

Doors are manufactured in the following standard widths: 12", 18", 24", 30", 36", 42", or 48".

2.4 ROOF PANELS

Roof panels shall be designed for security purposes only. Roof panels are not designed to resist loads.
Roof panels shall be unframed. The fabric shall be galvanized. The following fabrics are available for roof panels:

- The panel shall be welded of 6-gauge and 8-gauge wire creating a fabric of wire spaced 2"x2" and include 1¼"x1¼"x12ga structural steel transom angle;
- The panel shall be 22ga galvanized sheet metal with the front edge bent for rigidity, and side edges punched for fasteners.

Cogan®

A Tradition of Quality Since 1901

2.5 Back Panels

Back panels shall be made of the same material and in the same method as the roof panels. Back panels shall be unframed. The fabric shall be galvanized. The following fabrics are available for roof panels:

- The panel shall be welded of 6-gauge and 8-gauge wire creating a fabric of wire spaced 2"x2";
- The panel shall be 22ga galvanized sheet metal.

2.6 Top and Bottom Shelf

Shelf panels shall be framed. Shelf panel frames shall be made of 1¼"x1¼"x12ga structural steel angle. Corners shall be notched and seam welded. The fabric shall be welded to the frame at every 6-inches. The following fabrics are available for side panels:

- The panel shall be welded of 10-gauge wire creating a fabric of wire spaced 2"x2";
- The panel shall be welded of 16ga sheet metal.

2.7 Optional Parts

A steel coat rod, with four hooks, shall be an optional part for the TA-50 Gear locker.

2.8 Finish

All components of the TA-50 gear locker shall have a powder-coated grey finish, except roof panels and back panels. Roof panels and back panels shall be galvanized.

2.9 Hardware

All necessary assembly fasteners shall be provided except floor and wall anchors.

Cogan®

A Tradition of Quality Since 1901

PART 3 INSTALLATION STANDARDS

3.1 WORK AREA

The area where the TA-50 gear locker system is installed shall have a concrete slab, troweled smooth and level.

3.2 WORK AND INSPECTION

Working areas shall be inspected and cleaned of all debris to ensure that adequate access is provided to the installers. The client or owner shall advise the installation company of any embedded floor obstacles that may interfere with the installation of floor anchors.

3.3 INSTALLATION

Erection of the TA-50 gear locker shall be in accordance with the specifications and instructions contained in the erection manual and installation drawings. The installation plan is based on the specifications, dimensions and approval of the dealer and/or client. All drawings must be reviewed carefully prior to installation.

3.4 ON-SITE MODIFICATIONS

Any modifications required during installation (on-site) of any Cogan products shall be proposed to and approved by a product engineer employed by Cogan. Cogan shall not guarantee any products modified without the consent from a product engineer employed by Cogan.

Cogan Wire & Metal Products Ltd.
2460 Boul. Des Entreprises, Terrebonne, QC J6X 4J8 • Tel : 1.800.567.COGAN • Fax : 1.800.633.3004
cogan.com