

**Angle Iron All-Welded Locker****Lockers - 10500**

The high-strength option for demanding applications

Penco's new Angle Iron All-Welded locker is designed for long life and trouble-free operation under the most demanding athletic and corridor conditions. Key features include:

- Available in 1, 2, and 6 tier models
- Framed from angle iron steel for unmatched rigidity and resistance to warp
- Tough 14 gauge doors
- Single-point and Cremone latch options
- Available in a variety of ventilation options
- All-welded design means reduced time and expense during installation
- Available with integral base
- Accepts locks and slope tops



Cremone handle version shown. Also available with single point recessed handle.
(See specifications on reverse.)



Angle Iron All-Welded Locker

Lockers - 10500

Overview

Available in 1, 2, and 6 tier models. Doors are 14 gauge. For 1- and 2-tier lockers, there is a choice between single point latch doors with stainless steel pockets, and 3-point latching with a cremone turn handle. Tops and bottoms are made of solid 16 Ga. cold rolled steel. Perforated sides and perforated intermediate partitions are constructed with 13 Ga. $\frac{3}{4}$ " flattened expanded metal securely welded to frame at intervals not to exceed 6".

Materials

SHEET STEEL: All parts made from prime grade mild cold rolled steel free from surface imperfection and capable of taking a high grade pure polyester powder coat finish.

FINISHING: Chemically pre-treat metal with a six stage cleaning phosphatizing and metal preparation process. Finish coat shall be powder coat paint baked on at 350-400 degrees. Select color from manufacturer's standard colors. All lockers shall be painted inside and outside with the same color as standard.

Fabrication, General

CONSTRUCTION: Fabricate lockers square, rigid and without warp. Metal faces shall be free of distortion. Lockers shall be of welded construction and all welds shall be free of burrs. Grouping shall be the most practical that conforms to the job requirements. No bolts, nuts, or rivets shall be allowed in the assembly of main locker groups. Each locker group shall be securely welded into a one-piece structure.

FRAMING SYSTEM: Frames shall be made of continuous 1x1x1/8 pickled angle iron steel.

SIDES AND INTERMEDIATE PARTITIONS: Shall be constructed with 13 Ga. $\frac{3}{4}$ " flattened expanded metal securely welded to frame at intervals not to exceed 6". All exposed expanded metal edges will be bond sheared to prevent snags or cuts.

FORMED DOORS: 1 through 6 tier doors shall be constructed of solid 14 Ga. single piece cold rolled steel with double bends on vertical sides and a single bend on horizontal sides.

TOPS, SHELVES: Shall be made of solid 16 Ga. cold rolled sheet steel free of surface imperfections.

BOTTOMS: Shall be made of solid 16 Ga. cold rolled sheet steel with front to back 16 Ga. spacer channel welded to locker bottom [when closed bases are not used] for easier and more secure installation.

LATCHING OPTIONS — 1- & 2-TIER:

Single - Point Latch [doors 30" or higher]. Provide an unbreakable stationary 11 Ga. latch welded to locker frame, extending no more than 1-1/4" into the locker opening and penetrating through a flush-mounted recessed, stainless steel cup in a double pan 14 Ga. cold rolled steel door. Latch and cup assembly shall be capable of accepting either padlock or built-in combination lock.

3 Point/3 sided Cremone latch. Provides an unbreakable steel handle welded securely to a 3-point cremone type latch mechanism. Latching rods 3/8" in diameter shall engage top and bottom edge of locker frame: a 1/8" thick center latch shall engage the locker jamb, enabling door to latch on three sides. Mechanism must be compatible for padlocks and built-in dead-bolt locks.

BOX LOCKERS — DOOR HANDLE AND LATCHING: Doors shall be punched for use with padlocks or built-in locks. Doors for use with padlocks shall be equipped with an 18 Ga. combination door pull staple and lock-hole cover plate with integral friction catch.

VENTILATION — DOORS: Doors 20" or higher shall be perforated with diamond shaped openings $\frac{3}{4}$ " wide x 1-1/2" high. Other doors shall have small shaped perforations 7/16" wide and 15/16" high.

NUMBER PLATES: Each locker door shall be supplied with a polished aluminum number plate 2-1/4" wide x 1" high, with black numerals not less than 3/8" high. Number plates shall be attached to the face of the door with two aluminum rivets.

HINGES: Doors shall be hinged on the right side with 3" five knuckle 14 Ga. fast pin heavy-duty butt hinges. Provide three hinges on each single tier door and two hinges on each 2- through 6-tier doors. Hinges shall be welded to both door and locker frame.

INTERIOR EQUIPMENT: Single tier lockers 48-1/2" or higher shall have one hat shelf located approximately 9" down from the top of the locker. Lockers 20" or more in height and 12" or 15" wide shall have one double-prong ceiling hook and two single-prong wall hooks. Lockers over 15" wide shall have a double-prong ceiling hook and four single-prong wall hooks. All coat hooks shall be of forged steel with ball ends, zinc plated.

LOCKER ACCESSORIES:

Continuous metal base — Provide a 4" high 14 Ga. welded steel base enclosed on all four sides securely welded to locker bottom.

Locks — Built-in or padlocks.

Sloped hoods — Available in six-foot sections.

Options**VENTILATION:**

Sides — Solid or diamond-perforated sides are available.

Doors — If specified, all perforations may be deleted. If deleted, louvers or mini louvers may be added to the doors. On doors with single-point latching mechanisms, inside pan ventilation is available.

Execution

INSTALLATION: Install metal lockers at location shown in accordance with manufacturer's instructions for plumb, level, and flush installation.

Anchor lockers to the floor and wall 48" on center, or less as recommended by the manufacturer.

Install sloping hoods and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.

Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.

Lifetime Limited Warranty

Locker manufacturer shall warrant the locker for the lifetime use of the original purchaser from the date of shipment. Warranty shall include all defects in material and workmanship, excluding finish, vandalism, and improper installation.

PENCO RESERVES THE RIGHT TO VARY SPECIFICATIONS CONSISTENT WITH ITS POLICY OF CONTINUOUS PRODUCT IMPROVEMENT.