

# ANGLE IRON LOCKERS

## ALL-WELDED CONSTRUCTION

**Offering strength, visibility and ventilation in an easily installed, exceptionally durable package, ASI Storage Solutions' Angle Iron locker system is ideal for harsh environments including athletic and fitness facilities, school locker rooms, and similar applications.**



The specially constructed solid angle iron frame provides the robust structural integrity needed to protect belongings in rough environments. The diamond-stamped ventilation holes assure the free flow of air, to reduce odor build-up, and full visibility of locker contents.

### Features of the All-Welded Angle Iron Locker Include:

- Fully welded to provide maximum strength
- One-piece welded frame design ensures rigidity, which also simplifies installation
- Single-point, multi-point and cremone bolt latching options
- Single-, double-, and six-tier configurations
- Durable 14 gauge doors
- Designed to accept padlocks or built-in locks
- Available in banks up to 48" in width; mixed-tier on request
- Integrated base and slope-tops available
- 2 mil powder coating resists damage and maintains appearance
- Riveted continuous hinges provide optimum door support and smooth operation
- Riveted doors are field-replaceable
- Standard in 15 designer colors. Custom colors are available at no additional cost.

### Cremone Latching System



The cremone latching system provides extra security by using the principles of a fulcrum to transfer the rotary motion of a handle-turn into the vertical actuation of two positive-action locking bolts that engage with the frame at the top and bottom of the door, and a center latch engaging at the side.

*Angle frame consists of welded formed framing*



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## Sizes Available

SIX-TIER DOOR PULL HANDLE		Width (ins)	Depth (ins)	SINGLE-TIER CREMONE HANDLE		Width (ins)	Depth (ins)	DOUBLE-TIER CREMONE HANDLE		Width (ins)	Depth (ins)
	72" Height	12	12		60" Height	12	12		60" Height	12	12
		12	15			12	15			12	15
		12	18			12	18			12	18
		12	21			15	15			15	15
		12	24			15	18			15	18
		15	12			12	12			12	12
		15	15			12	15			12	15
		15	18			15	15			12	18
		15	21			15	18			15	15
15	24	15	18	15	18						
				18	18	15	15	15	18	15	18
						18	18	18	18	18	18

## Specifications

### PART I: MATERIALS

**Sheet Steel:** All steel parts shall be of high-grade cold-rolled milled steel free from surface imperfections.

**Finish:** All material shall be pre-washed and phosphate-treated for maximum finish coating adhesion. All components shall be finished with a 2mm hybrid epoxy/polyester powder coat, electrostatically applied to ensure uniform thickness and baked to manufacturer's specifications.

### PART II: FABRICATION, GENERAL

**Construction:** All lockers shall be built on a welded frame, free from burrs, with common intermediate uprights separating units.

**Framing System:** Frames shall be made of continuous 1 x 1 x 1/8 pretreated, pickled, angle iron steel.

**Sides And Intermediate Partitions:** 14 gauge diamond-perforated. Expanded metal or solid sides available on request.

**Formed Door:** Single-, double- and six-tier doors shall be constructed of 14 gauge perforated, cold-rolled steel with double bends on vertical sides and a single bend on horizontal sides.

**Tops, Bottom and Shelves:** Shall be made of solid 16 gauge cold-rolled steel free of surface defects.

### PART III: LATCHING OPTIONS SINGLE-, DOUBLE- AND SIX-TIER

**Single Point:** 11 gauge latch welded to locker frame, extending no more than 1 1/4" into the locker opening. Handle protrudes into a 20 gauge stainless steel deep-drawn recessed cup with integral formed handle. Latch has a padlock eye for use with a 3/32" padlock shackle. Rubber silencers shall be firmly secured to the door frame. Latch is equipped with an integral anti-pry feature.

**Multi Point:** 20 gauge stainless steel drawn recessed handle with integral 12 gauge lift trigger attached to the latching channel. Doors to have latch clip engaging the frame at three points on doors over 42" high and two points on all other doors. Locking device to be positive slam-lock-type, whereby locker door may be locked when open, then closed without unlocking.

**Cremone Latch:** Latching rods 3/8" in diameter engage top and bottom edge of locker frame with a 1/8" thick center latch that engages the locker frame attached to an 11 gauge steel handle.

**Box Lockers:** 11 gauge latch welded to locker frame and an 18 gauge door pull with integral friction catch.

**Ventilation:** All body parts and doors to have diamond shaped perforations 3/4" wide x 1 1/2" high.

**Number Plates:** Each locker shall have a polished aluminum number plate riveted to the door face with black numerals 1/2" high.

**Hinges:** Shall be full length 16 gauge continuous piano-type rived to both the door and frame.

**Interior Equipment:** Single-tier lockers 48" or higher shall have a shelf. If under 18" deep locker shall have three wall hooks and one ceiling hook.

Single-tier lockers 18" deep or more shall have coat rod instead of ceiling hook. Double-tier lockers shall have three wall hooks and one ceiling hook.

### PART IV: LOCKER ACCESSORIES

**Continuous Base:** A 4" high 14 gauge welded steel base enclosed on all four sides securely welded to locker bottom is available on request.

**Locks:** Built-in combination or padlocks.

**Slope Hoods:** Available in up to six-foot sections for field installation.

### PART V: EXECUTION

**Installation:** Lockers shall be installed in accordance with ASI's installation instructions and shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces.

### PART VI: WARRANTY

**Locker Warranty:** Locker manufacturer shall warranty the lockers for a minimum of one year. Contact manufacturer for more details.



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