



Atlas Footlocker and Bench Seat Base All-Welded Unit

Part 1 General

1.1 **Section Includes:** *(specify as much information as possible here)*

All-Welded Footlocker Bench Seat Base Units

1.2 **Related Sections:**

List all sections of other work that relate to lockers such as: bases, metal fabrications, wall finishes, etc.

1.3 **References:**

List only those references that pertain to the material or installation standards as they pertain to this specific project

1.4 **Submittals:**

A. Submit under provisions of Section _____ *(List the Section pertaining to submittals)*

B. **Product Data:**

Manufacturer's data sheets on each footlocker bench seat unit type to be used including:

1. Preparation instruction and recommendations
2. Installation methods

C. **Shop Drawings:**

Provide drawings that detail the plan, section and elevation views of each locker type specified. Coordinate quantities, sizes, and locations as they pertain to the contract drawings. Indicate number of lockers within each bank.

D. **Numbering:**

Locker numbering sequence shall be provided by the approving authority and noted on the approved shop drawings.

E. **Color Charts:**

Provide two sets of manufacturer's standard color charts along with shop drawings.

1.5 **Quality Assurance:**

Provide each type of metal locker as produced by a single manufacturer, including necessary mounting accessories, fittings and fastenings.

1.6 **Project Conditions:**

- A. Store lockers and accessories in manufacturer's unopened packaging until ready for installation. Lockers shall be protected from damage during storage.
- B. Lockers shall not be delivered until building is enclosed and environmental conditions (temperature, humidity and ventilation) are internally controlled.

1.7 **Warranty:**

Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for a period of ten years.

Part 2 - Products

2.1 Acceptable Manufacturers:

- A. Olympus Lockers & Storage Products Inc. – Atlas Footlocker and Bench Seat Base
- B. Products by other manufactures may be approved provided they meet or exceed every aspect of this Section. Approval process shall be defined in the General Conditions Section

2.2 All-Welded Footlocker Bench:

A. Sizes:

The width and depth of the locker to be attached o the top of the footlocker bench seat base unit will dictate the base unit size. The footlocker base unit width will match the locker width and will be 12" deeper than the locker depth to accommodate for the 12" bench seat in front of the locker. The unit steel body depth will be 1" less than overall depth to provide for a 1" overhang of the bench seat. The footlocker bench seat base units are 14" high from bottom seat top. It is recommended that a 4" base (concrete or metal) be used under the footlocker units to provide for an 18" AFF seat height.

Overall height from floor to locker top to be calculated as follows: Base (concrete or metal) Height + Footlocker bench seat base unit height + Locker Height = Overall Height.

- B. *Indicating quantities produces consistent pricing*

2.3 Fabrication:

A. Materials:

All parts to be made from prime grade mild cold rolled sheet steel (unless indicated differently below) free from surface imperfections, and capable of taking on a powder coat finish.

B. Finish:

Steel shall be cleaned with a phosphatizing and metal preparation process. Finish coat shall be a baked-on powder coat enamel with a 2-3 mil minimum thickness.

C. Color:

Locker finish color - Color selected from manufacturers standard offerings or custom color as desired
All locker parts inside and out to be painted the same color

D. Construction:

All body components of the footlocker bench seat base unit to be welded construction. No bolts, rivets or other mechanical fasteners are to be used in assembly of body components. Units will be built in banks according to job site conditions and will share common back, bottom, top, intermediate and front body components. Each unit will have its own bench seat and hinge assembly. If footlocker bench seat base unit is deeper than 24", a 16 gauge steel, full height and width internal divider will be welded inside storage area.

Optional: 14 gauge

1. Bench Seat:

Seats to be plastic laminate (color selected by architect) adhered to the following core material: 1 3/16" MDF to be used except at the back of bench seat where 2" deep by full width hardwood will be used providing maximum screw holding strength. Seat edge material (color selected by architect). Seat will provide a 1" overhang from footlocker bench seat base unit front.

2. Seat Hinge:

Hinge to be 16 gauge stainless steel, full width of seat. Seat t be attached to hinge via security screws requiring special tooling removal. Hinge allows seat to be lifted to 90 degree angle for storage space access.

3. Latch Mechanism:

Pad lock hasp to be assembled t footlocker bench seat base unit front and seat bottom to accept padlock.

4. Top:

16 gauge steel. In addition to unit top, a 1" 16 gauge channel with single return flange shall be welded to the unit top, from the back to front at intervals matching the locker width. Channel used for attaching lockers to the unit top.

Optional: 14 gauge

Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel

5. **Bottom:**
16 gauge steel. Optional 14 gauge steel.
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel
6. **Sides/Intermediates:**
16 gauge steel with diamond punched perforations.
Optional: 14 gauge steel
Optional: Louvers or mini/security louvers – Louvers, other _____
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel
7. **Backs:**
16 gauge steel
Optional: 14 gauge steel.
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel
8. **Fronts:**
16 gauge steel. Front to have 1" return flange at top, providing additional bench seat support.
Optional: 14 gauge steel
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel
9. **Interior Divider:**
16 gauge steel vertical divider to be welded to inside of footlocker compartment to prevent stored items from being pushed o back of unit (times may be too difficult to reach otherwise)
Optional: 14 gauge steel
Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel
10. **Corner Units:**
Where corner conditions occur, a false footlocker bench seat base unit will be fabricated to match the look of a functional unit.

E. Accessories:

1. **Base:** *(Specify party responsible for bases)*
Choose one option below:
 - a. 18 gauge steel, 4" zee style base
 - b. 16 gauge steel, 4" zee style base
 - c. 14 gauge steel, 4" zee style base
 - d. 6" metal legs – No front and side close panels (standard)
Front and side closure panels (optional)
 - e. Wood base by section: _____
 - f. Concrete base by section: _____

If metal base is specified above, provide the following steel type:

Steel Type: Cold rolled mild, Optional Galvannealed or Stainless steel

2. **Locks:** *(Specify party responsible for locks and the type of lock desired)*

3. **Exposed Ends:**

Choose one option below:

- a. No ends separate from locker body side panel
- b. Boxed end panels: 16 gauge steel – No exposed fasteners

Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel

4. **Trim and Filler Panels:**

Provide concealed method of anchorage

Steel Type: Cold rolled mild steel, Optional Galvannealed steel or Stainless steel

Steel Gauge: 16, 20 or 24 gauge steel

5. **Accent Panels:** Wood, Stainless, or other desired metal can be used to provide accent panels on any expose surface.
6. **Padded Seat:** Heavy duty vinyl covering foam insert and attached to ply-wood support bottom. Attached to footlocker seat via acceptable fasteners and hardware.

Part 3 Execution

3.1 **Installation:**

Footlocker bench seat base units to be installed in accordance with the manufacturer's approved drawings and assembly instructions. Install lockers plumb, level and flush. Anchor lockers to the floor and wall according to manufacturer recommendations. All fillers and sloped top to be installed with concealed fasteners. All joints at adjacent surfaces to be hairline or smaller.

3.2 **Adjustment:**

Adjust doors and latch mechanisms to operate as designed. Touch up scratches and abrasions with factory supplied paint to match original color(s) used on the lockers.

Note: Olympus Lockers and Storage Products, Inc. reserves the right to modify or change the design of locker components and/or specifications as required.