

## Add-A-Stack Specifications

**General Design:** The Add-A-Stack file system is designed to maximize storage capacity utilizing a minimum of floor space. Each Add-A-Stack section consists of individual shelf tiers that stack to form shelving sections; each section requires a Base and a Top regardless of the number of tiers. The tiers use a welded construction with fixed dividers to provide the necessary strength and rigidity to minimize shelf deflection and maximize sectional uniformity. The design utilizes construction techniques which permit a low profile shelf; this low shelf profile reduces the overall height of each section, resulting in easier, safer access and increased file capacity. Each unit is independent of the other; all that is required to add another level is to remove the top, add another tier and replace the top. The Add-A-Stack tier is interchangeable with other major stackables on the market. Shelf tiers interlock along the back of the tier while holes align in the sides for connection using bolts or drive rivets. No special tools are required for assemble or disassembly.

**Materials:** Add-A-Stacks as well as all Tennsco products are fabricated of high quality, cold rolled carbon steel, free of scale or rust and fully pickled. Exposed edges, corners and surface areas are free of sharp edges and all workmanship is of the highest quality as measured by the industry.

**Finish:** All steel components shall be thoroughly cleaned and phosphatized for rust resistance in a five-stage pre-treatment process. A high grade of polyester/epoxy powder paint is to be applied electrostatically with a gloss reading of between 55 and 65. The finish shall have a salt spray rating of 250 hours or more.

**Tier Construction:** A tier is constructed utilizing three basic steel

components. To insure rigidity and strength, all components are friction welded utilizing state-of-the-art welding technology.

**Wrap:** The wrap is a unitized, one piece section of 19 ga. steel, formed to make the side, back and 3/4" edge flange.

**Shelf:** Each shelf consists of a single piece of 18 ga. metal, formed with a 1/8" hem in front. Shear forms are incorporated in the rear of the shelf to interlock with the top of the lower unit. The shelf is welded directly to the wrap at multiple points along the edge flange.

**Divider:** The divider is constructed of 20 ga. metal. The divider incorporates a stiffener bead along the leading edge; an embossed rib is stamped into the divider. Strength and safety are dominant design factors. The divider is welded directly between the wrap and the shelf to minimize deflection and reduce "racking".

**Top:** The top is constructed of 18 gauge metal with a one-inch formed channel on all four sides. The back of the top will self-lock when installed. The front of the top is bolted to the unit immediately below.

**Base:** The base is formed of 18 gauge steel and is designed so it will mate with most other manufacturers' mobiles or existing shelving. The base is available in either a one-inch profile or a four-inch profile for use in static applications. The four-inch base has adjustable levelers. Levelers are attached using corner gussets which are welded to the interior of the four-inch base.