

# Technical Specifications ■

## 700 Series® Vertical Files

May 2013

### Shell

The vertical file is constructed of components consisting of: top, bottom, sides, back, uprights and top/bottom reinforcements. The components are spot welded together to form an extremely rigid assembly.

The top is 20-gauge cold rolled steel (C.R.S.), with 1 $\frac{1}{8}$ " flanges on four sides. The front face has an additional flange formed inward to further enhance strength.

The side panels are 20-gauge C.R.S. channel formed along the front edge and formed along the back edge to accept back. The upper end is also offset formed to accept the 1 $\frac{1}{8}$ " top flange, the lower end of the side is formed inward to provide a rigid corner and bottom support.

The back is 20-gauge and is spot welded to the flanged sides. Additional strength is achieved by forming the lower end of part inward and spot welding it to the bottom.

The bottom is also 20-gauge with a flush bottom surface to provide a welding surface with the sides and back. The front face is formed up 2 $\frac{1}{8}$ " and inward to provide additional strength.

Each shell has four vertical uprights fabricated from 18-gauge C.R.S. The uprights are pierced on approximately 11" centers to allow suspensions to be "clipped" in. Offset formations on all uprights enhance strength and rigidity.

The front uprights are spot welded internally at each end to the top and bottom reinforcements. The welding inside the corners provides for a rugged box frame shell design.

The bottom is fitted with an 18-gauge structurally formed reinforcement which is located across the front of the cabinet. The reinforcement has two threaded weldnuts to accept adjustable levelling glides. The glides are hex shaped at the base for adjustment and can be adjusted from the inside.

To further strengthen 5 drawer shells, a hidden 20-gauge channel-formed support is spot welded across the middle portion of the shell.

### Drawers

Fronts are screw mounted to the drawer body. The outer front is fabricated from 22-gauge C.R.S. with a 1.75" wide (from each side) handle recess and flanges on all four sides. The inner front liner is also fabricated from 22-gauge C.R.S. with extruded holes to accept screws and flanges on all four sides. The outer front and inner liner are spot welded together to create a rigid  $\frac{3}{4}$ " thick drawer front assembly.

The drawer body is formed from 22-gauge C.R.S. The upper edges are formed to provide a smooth edge as well as providing full length reinforcements. Drawers are designed with unique offsets and slots to accept an adjustable follower block. The drawer sides are bossed and pre-punched to accept the suspensions.

Drawer bodies are designed to accommodate suspended file folders with the addition of optional hanging folder bars. These heavy gauge steel bars can readily be field installed into the drawer.

### Drawer Pulls

Drawers can be equipped with the following drawer pulls: classic, aluminum bow tie, nickel bow tie, aluminum metric, retro nickel and arc nickel.

### Drawer Suspensions

Each suspension assembly consists of three precision roll formed sections with metal ball cages. Each suspension operates on precision hardened steel ball bearings. Suspensions are clipped into cabinet and the drawer clips into suspensions which are zinc plated.



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### Finish

Units are cleaned thoroughly and subjected to a phosphate etching process before painting with a hybrid epoxy powder paint.

### Locks

Locks are standard with this product and feature a high-security double-bit design, keyed different and core removable. There are 1000 different key combinations possible. The locks have an antique black finish. Two KI "break away" keys are standard with each lock.

### Sizes

Width: 15", 18"

Depths: 27<sup>5</sup>/<sub>8</sub>"

Heights: 59<sup>1</sup>/<sub>8</sub>" (5-high), 48" (4-high), 36<sup>7</sup>/<sub>8</sub>" (3-high), 25<sup>3</sup>/<sub>4</sub>" (2-high)

### Interlock

All vertical files are equipped with a unique patented interlock safety system which permits only one drawer to be opened at a time. The system is designed to reduce the risk of a stand alone unit tipping over. To minimize possible damage to the interlock system, activating cams restage. If, during servicing or installing more than one opening is extended, these openings can be closed without damage to any interlock components.