

# PRODUCT SPECIFICATIONS ■

## 700 Series® Lateral Files and Storage Cabinets

May 2019

### TECHNICAL SPECIFICATIONS

#### Shell

The lateral file and storage cabinet shell is common. It is constructed of components consisting of top, bottom, sides, back, uprights, bottom and top reinforcements, spot welded and MIG welded together.

The top is 19-gauge cold-rolled steel (C.R.S.) with  $1\frac{1}{8}$ " flanges, on three sides. The front face has an additional flange formed inward to provide additional strength. The back edge is offset formed to accept the top flange of the back.

The back is 20-gauge C.R.S. and is formed on four sides to provide a flush seamless back surface. The flanges are located in the offset of the top and sides to provide a flush surface.

The bottom is also 19-gauge C.R.S. with a flush upper surface and flanged downward to provide a welding surface with the sides and back. The front face is formed down  $1\frac{1}{8}$ " and inward to provide additional strength.

Each shell has four vertical uprights. The front vertical uprights are fabricated from 18-gauge C.R.S.; the back vertical uprights are fabricated from 20-gauge C.R.S. The uprights are pierced on approximately  $1\frac{1}{2}$ " centers to allow various internal components to be "clipped" in or screw fastened. The front upright is formed to fit inside the channel formation of the side panel; the rear edge is offset formed for maximum strength. The back upright has two offset formations for maximum strength.

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

The bottom is fitted with two 18-gauge structurally formed reinforcements which are located along the front and back of the cabinet. The reinforcements have 4-threaded weld nuts to accept adjustable leveling glides. The glides are hex shaped at the base for adjustment and can be adjusted from the inside by using a  $\frac{1}{4}$ " nut runner or socket wrench.

The top reinforcement is 18-gauge and formed to fit inside the top flange. Its full length is offset formed to allow MIG welding to the top end of each front upright.

#### Drawers

Drawer fronts are fabricated from 20-gauge and formed to a thickness of  $\frac{3}{4}$ ". The handle detail is full length of the front and is an integral part of the front. A 22-gauge handle filler is formed to close off the handle detail and is securely spot-welded to the front. The fronts are screw-mounted to the drawer body.

Receding door front is 20-gauge and fabricated to match the drawer front. The door operates on two 16-gauge formed runners. The door guide mechanism is fitted with nylon glides to prevent metal-on-metal contact and provide effortless operation. Anti-lift brackets ensure that the doors stay on the runners, prevent the door from being lifted beyond the horizontal position when being stored and prevents the door from becoming over extended. Sound absorbing material is affixed to the inside of the door to provide for quiet operation.

Drawer body/roll-out shelves are common components. The body is 22-gauge pre-painted C.R.S. structurally formed along the front edge and channel formed down the middle to provide strength. The bottom and back are slotted on  $1\frac{1}{2}$ " centers to accept dividers. 19-gauge drawer ends are punched to accept side-to-side folder bars as well as pockets to interface with drawer suspensions. The drawer ends are mechanically clenched to the drawer body.

Drawers can be specified with the following handles: Classic (inset pull), Aluminum Bow Tie, Nickel Bow Tie, Aluminum Metric, Arc Nickel and Retro Nickel.



## TECHNICAL SPECIFICATIONS (cont.)

### Drawer Suspensions

The three-piece suspension assembly allows the back of the drawer to extend clear of the front face of the cabinet. The roll-formed precision sections operate on hardened steel ball-bearings per side. The suspension has a "hold-in" or retaining device to hold the drawer in a closed position.

### Finish

Units are cleaned thoroughly and subjected to a phosphate etching process before painting with a hybrid epoxy powder-coat 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: 30", 36", 42"

Depths: 18"

Heights: Lateral files – 40 standard shell heights from 17 <sup>13</sup>/<sub>16</sub>" through 77 <sup>17</sup>/<sub>32</sub>" high, in 1 <sup>1</sup>/<sub>2</sub>" increments.

17 <sup>13</sup> / <sub>16</sub> "	28 <sup>17</sup> / <sub>32</sub> "	39 <sup>1</sup> / <sub>4</sub> "	49 <sup>3</sup> / <sub>32</sub> "	60 <sup>1</sup> / <sub>16</sub> "	72 <sup>15</sup> / <sub>16</sub> "
19 <sup>1</sup> / <sub>32</sub> "	30 <sup>1</sup> / <sub>16</sub> "	40 <sup>25</sup> / <sub>32</sub> "	51 <sup>1</sup> / <sub>2</sub> "	62 <sup>7</sup> / <sub>32</sub> "	74 <sup>15</sup> / <sub>32</sub> "
20 <sup>7</sup> / <sub>8</sub> "	31 <sup>19</sup> / <sub>32</sub> "	42 <sup>5</sup> / <sub>16</sub> "	53 <sup>1</sup> / <sub>32</sub> "	63 <sup>3</sup> / <sub>4</sub> "	76"
22 <sup>13</sup> / <sub>32</sub> "	33 <sup>1</sup> / <sub>8</sub> "	43 <sup>27</sup> / <sub>32</sub> "	54 <sup>9</sup> / <sub>16</sub> "	65 <sup>9</sup> / <sub>32</sub> "	77 <sup>17</sup> / <sub>32</sub> "
23 <sup>15</sup> / <sub>16</sub> "	34 <sup>21</sup> / <sub>32</sub> "	45 <sup>3</sup> / <sub>8</sub> "	56 <sup>3</sup> / <sub>32</sub> "	66 <sup>13</sup> / <sub>16</sub> "	
25 <sup>15</sup> / <sub>32</sub> "	36 <sup>3</sup> / <sub>16</sub> "	46 <sup>29</sup> / <sub>32</sub> "	57 <sup>5</sup> / <sub>8</sub> "	69 <sup>7</sup> / <sub>8</sub> "	
27"	37 <sup>23</sup> / <sub>32</sub> "	48 <sup>7</sup> / <sub>16</sub> "	59 <sup>3</sup> / <sub>32</sub> "	71 <sup>13</sup> / <sub>32</sub> "	

Storage cabinets are available in nine standard heights from 27" thru 77 <sup>17</sup>/<sub>32</sub>" high.

27"	39 <sup>1</sup> / <sub>4</sub> "	56 <sup>3</sup> / <sub>4</sub> "	69 <sup>7</sup> / <sub>8</sub> "		
33 <sup>1</sup> / <sub>2</sub> "	51 <sup>1</sup> / <sub>2</sub> "	65 <sup>9</sup> / <sub>32</sub> "	62 <sup>3</sup> / <sub>4</sub> "	77 <sup>17</sup> / <sub>32</sub> "	

Overstorage cupboard storage height:

26 <sup>7</sup> / <sub>8</sub> "	31 <sup>15</sup> / <sub>32</sub> "	33"	34 <sup>17</sup> / <sub>32</sub> "
39 <sup>1</sup> / <sub>8</sub> "	43 <sup>17</sup> / <sub>32</sub> "	46 <sup>25</sup> / <sub>32</sub> "	51 <sup>3</sup> / <sub>8</sub> "

### Interlock

All lateral 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.

### Storage Cabinets

Storage cabinet doors feature double wall construction. 22-gauge cold-rolled steel (C.R.S.) outer and inner panels are sandwiched together, spot welded and riveted to form a rigid assembly. A full-height integral pull further strengthens each door. 110° European hinges prevent the doors from contacting an adjacent cabinet door or drawer and provide 3-way adjustment.

### Compliance

Lateral files meet or exceed ANSI/BIFMA X5.9-2004 standards.