



## AMERICA'S FINEST SCHOOL FURNITURE

### "SEE THRU" BOOK BOX

Columbia's exclusive "See Thru" book box desk combines style together with a unique deep drawn, embossed, perforated book box. Designed for long life and easy maintenance, this desk offers the largest seamless book box on the market to date. Our unique perforated design allows visibility of the contents by both student and teacher. The perforated bottom provides ease of cleaning and less maintenance.



## GENERAL SPECIFICATIONS

### 351 SERIES – SEE THRU OPEN FRONT BOOK BOX DESK

AVAILABLE IN FIXED AND ADJUSTABLE

ALSO AVAILABLE IN LIFT-LID DESK (361 SERIES)



#### TYPE

Our new open front "See Thru" desk combines a deep drawn one-piece perforated book box with a rugged frame. Designed for long life and easy maintenance in the classroom.

#### FRAME

Rugged frame is formed from two tubes of 1" diameter, 18 gauge steel tubing. Stretcher tubing is 18-gauge steel, 3/4" attached at a height to discourage use as a footrest while providing maximum strength. Legs toward student overlap front legs and are welded in parallel above and below to provide a solid frame to mount the perforated book box while providing maximum clearance for student. Visible joints are oxyacetylene hand brazed for strength, safety, and a smooth clean look.

#### BOOK BOX

The largest seamless perforated steel book box on the market to date. Over 200 cu. in. larger than others on the market. Deep drawn from a single sheet of 20-gauge steel. Box opening is rolled around a 3/16" diameter steel reinforcing rod for extra strength and a safe smooth edge. Sides and bottom of box are perforated & embossed for visual security & stiffness. Large die formed pencil groove. Size: 23<sup>5</sup>/<sub>8</sub>" x 16<sup>1</sup>/<sub>16</sub>" x 5<sup>15</sup>/<sub>32</sub>".

#### TOP

Top shall be of 5/8" thick hard melamine resin, provided with pencil groove. Size: 24" x 18". All desk tops shall be of solid plastic manufactured with ground hardwood flour, color pigment and melamine plastic resins, blended and compressed under heat and pressure (1900 psi to form a homogeneous material).

#### HEIGHT

##### -351 SERIES FIXED HEIGHT

Fixed height set at 22", 23<sup>1</sup>/<sub>2</sub>", 26<sup>1</sup>/<sub>2</sub>", and 29<sup>1</sup>/<sub>2</sub>"

##### -351 SERIES ADJUSTABLE

Adjustable from: 23<sup>1</sup>/<sub>2</sub>"–30<sup>1</sup>/<sub>2</sub>" in 1" increments



#### TUBING

All furniture shall have mechanical steel tubing of 1008-1018 steel. Gauge of tubing varies from component to component or model to model between 14 and 18 gauge.

#### GLIDES

All Columbia furniture shall feature 7/8" to 1" diameter swivel type glides of case hardened steel. Glides shall be 1/2" high shoulder glide design to firmly attach the glide to tubing. All glides shall have a maximum 40° swivel range and shall have nylon "Armored Glide," Columbia's exclusively designed tip that repels wax, detergents, and water. Built for strength, durability, and corrosion resistance.

#### PLATING

All Columbia products are plated after the welding and brazing operations, which will yield a consistent and thorough plating. All plated frames shall be cleaned and etched prior to a chrome over nickel-plating finish. Nickel-chrome exterior grade quality plating, minimum of 1 mil thickness.

#### PAINTING AND PRETREATMENT

All painted surfaces are cleaned and phosphate conversion coated prior to receiving a baked epoxy powder coat finish, ensuring the best adhesion and paint durability in painted furniture. All painted furniture shall have a powder coat finish made from epoxy blend powder resins only. The standard average thickness of the powder coat is 2.5–3.0 mil. The minimum thickness for Spec-Flek® coating (Scuff Proof Epoxy Coating) is 3.5 mil.

#### WELDING AND BRAZING

All furniture welding shall be done prior to plating or painting to provide an even, unbroken finish. Tube ends shall be contoured to assure a close fit and then hand brazed with an oxyacetylene torch to provide strong joints with a smooth attractive fillet. Intersecting tubes are brazed 360° around the entire joint.

#### ASSEMBLY

All furniture shall be assembled using some combination of self-tapping screws, #10-1<sup>3</sup>/<sub>8</sub>", 1<sup>5</sup>/<sub>8</sub>" type 25 phobias head or fillips head. Tamper proof fasteners available.

Bookbox Colors	Frames	Thermoset Hard Plastic Tops
Blue	Chrome Plated	
Sand	Black Diamond	Sand
Light Gray	Granite	Silver
Charcoal	Sandstone	Charcoal
Burgundy	Bluestone	Oak (Subject to Upcharge)
Wine	Rubystone	Mahogany (Subject to Upcharge)
Black	Emeraldstone	
Teal		
Red		
Cocoa		
Emerald		
Black Diamond		