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## Hamilton drafting room furniture. Catalog No. 7 1929

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HAMILTON ECONOMY

HAMILTON



DRAFTING ROOM  
FURNITURE

HAMILTONIZE AND ECONOMIZE





HAMILTON-ECONOMY



# HAMILTON DRAFTING ROOM FURNITURE



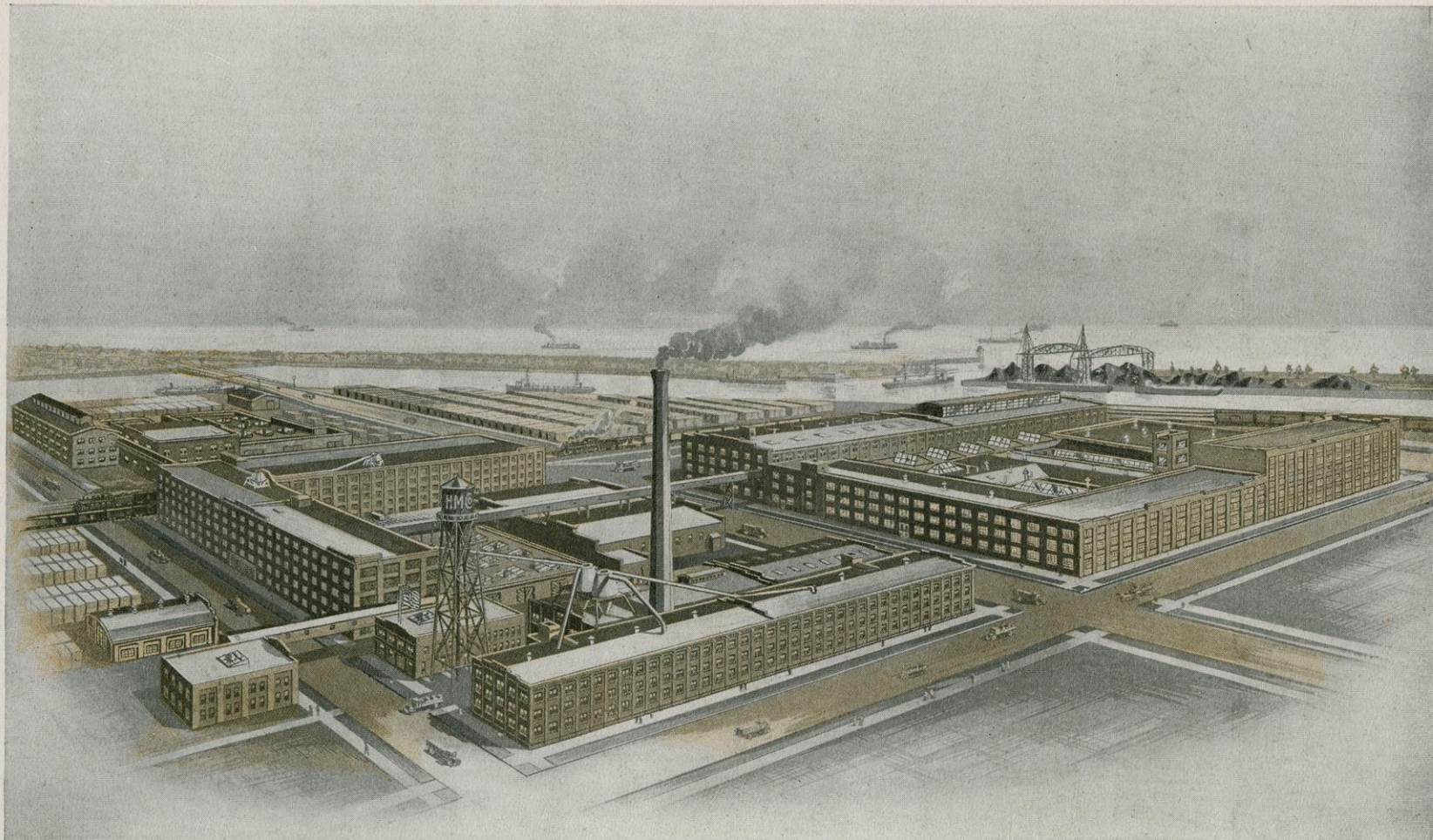
*"Hamiltonize and Economize"*

*Catalog No. 7, 1929*

**Hamilton Manufacturing Company**

*Factory and General Offices: TWO RIVERS, WISCONSIN  
Branch Office and Warehouse: RAHWAY, NEW JERSEY*





PLANT AND GENERAL OFFICES OF THE  
**HAMILTON MANUFACTURING COMPANY**  
TWO RIVERS, WISCONSIN



## Foreword:

**I**N EVERY age there are men and events which stand out prominently, and which become history, never to be forgotten. While man can plan and accomplish his dreams and ambitions, history will continue; and progress will, we hope, be ever upward toward perfection. It has long been our purpose to build the best and most enduring line of drafting room furniture possible to produce, and we are gratified to notice rapid progress in the right direction.

The Hamilton line of Drafting Room Furniture is the largest in the world; and it has reached this position by virtue of the excellence of the workmanship, design, and materials that go to make up the finished product. Our half century of manufacturing experience has been a real asset, not only to us, but to the ultimate consumer.

A few years ago we purchased the business and good will of The Economy Drawing Table and Manufacturing Company, and The American Drafting Furniture Company, and with this new impetus, and the acquisition of their accumulated ideas, patents, designs, and experience, we are better able to serve the trade than any other firm that has been, or now is, in business in this field.

We are fully equipped with the latest, modern, labor-saving machinery; and have had large experience in the handling and seasoning of lumber.

The lumber preparation is carried out to a scientific exactness that was not possible a few years ago. When our lumber is finally made into the finished product, we know it is going to give the best service that it is possible for high-grade materials to give. We manufacture our own steel furniture, and our large steel plant is as complete and well organized in every way as our wood-working plant.

Previous to a few years ago, drafting room furniture designs in general, and filing equipment in particular, have been haphazard and misdirected. Realizing this fact, the Hamilton Manufacturing Company has made a careful study of this field, and have experienced designers, specializing in standardization, perfection of design and construction, and new equipment to increase the efficiency of the drafting room.

When you have become better acquainted with Hamilton Equipment, you will realize more fully the truth of our slogan, "Hamiltonize and Economize."

In presenting this catalog to the public, we are confident that the goods shown herein will fill a real need for Drafting Room Furniture of quality, and that our reputation for square dealing, fair prices and honest workmanship will be further augmented.

In addition to the large plant and offices at Two Rivers, an eastern branch is maintained at Rahway, New Jersey, from which all orders from territory east of Pittsburgh are filled.

HAMILTON MANUFACTURING COMPANY.

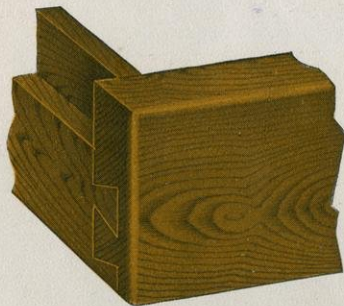


# Hamilton Oak Sectional Planfile Cabinets



Combination No. 35 (3042 Line)  
Combination No. 29 (2436 Line)

**CONSTRUCTION:** These units are made of well-seasoned kiln-dried oak. All tops, bases, and sections, of the different sizes mentioned above, are of course, uniform, so that other units may be added at any time.



**Dovetail Construction.**

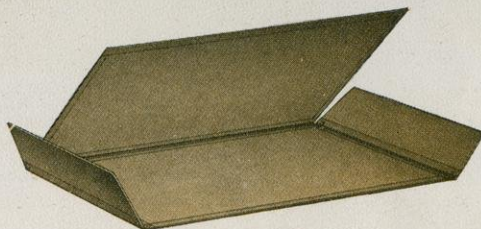
The back of each drawer has a four inch hood, and the divided drawers also have a hood for each compartment.

**MATERIAL:** Made of well-seasoned kiln-dried oak. As fully 95% of the units wanted are of oak, we do not attempt to carry them in stock in other woods, but we can furnish them in other woods and finishes at special prices.

**TRIMMING:** We use oxidized drawer pulls and label holders.

**FINISH:** Our standard finish is light golden oak. On other woods we put on any finish desired.

**HAMILTON PLAN FOLDER:** This is a new device for simplifying filing, and eliminating wear on tracings. Each folder will hold about one hundred tracings, and a regular two-inch drawer will take four folders. These folders are furnished at extra cost. We recommend the use of Hamilton Folder Lifter No. 1958. (See figure 4, page 12).



Hamilton Tracing Folder

**PURPOSE:** These cabinets are in use in thousands of drafting rooms, and are giving universal satisfaction, for the systematic filing and protection of drawings, tracings, blue prints, maps, photographs, art work, etc. They are indispensable in the modern drafting room, and will save many times their cost.

**FLEXIBLE:** They are made uniform in size and finish so that new units may be added at any time, and they can be stacked to any reasonable height.

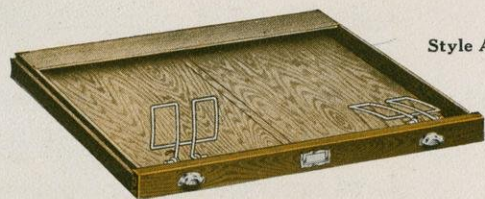
**AS AN ART FILE:** These units are especially adaptable as an Art File. The style A drawers are for large drawings, and style B, C, D and E drawers for smaller sizes of art work.

**STYLE OF DRAWERS:** All units are furnished with style A drawers unless otherwise specified. Hold-down devices are extra.

## Dimensions

Units No.	Width Inside	Length Inside	Width Outside	Depth Outside
No. 32	32"	42 1/4"	45 1/2"	34 3/8"
No. 37	25"	37 3/8"	40 3/4"	27 3/8"
No. 44	38"	50"	53 3/8"	40 3/8"

No. 44 Units are made only in the units given on page 5. Special sizes are made on order.



Style A



Style B



Style C



Style D



Style E



# Hamilton Oak Sectional Planfile Cabinets



Unit 32-B, 37-B, or 44-B



Unit 32-H, 37-H, or 44-H



Unit 32-A, 37-A, or 44-A



Unit 32-J or 37-J



Unit 32-C, 37-C, or 44-C



Unit 32-K or 37-K



Unit 32-D or 37-D



Unit 32-L or 37-L



Unit 32-E or 37-E



Unit 32-M or 37-M



Unit 32-F or 37-F



Unit 32-P or 37-P



Unit 32-G, 37-G, or 44-G



Unit 32-R (see page 6 for description)

Units No. 32, (3042 line) are for plans 30x42", and are 32x42 1/4" inside.

Units No. 37, (2436 line) are for plans 24x36", and are 25x37 5/8" inside.

Units No. 44, (3648 line) are for plans 36x48", and are 38x50" inside.

For further details see page 6.

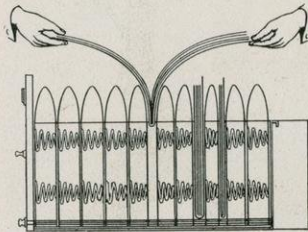


# Hamilton Oak Vertical Planfile Unit No. 32-R



Planfile Unit No. 32-R.

**THE COMPRESSION SPRINGS :** The illustration of the sectional view of the drawer shows the compression springs which hold the contents in place.



Sectional View.

**DIMENSIONS :** Width,  $45\frac{1}{2}$ "; Depth,  $34\frac{3}{8}$ "; Height,  $19\frac{7}{8}$ ". One drawer  $21\frac{3}{4}$ " x 28" Inside. One drawer  $18\frac{3}{8}$ " x 28" Inside.

**MATERIAL AND FINISH :** Made of oak, light golden oak finish; the same as our regular units.

**SHIPPING WEIGHT :** 185 lbs.

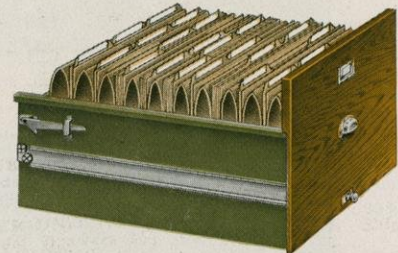
**NOTE :** For all dimensions, details, weights, etc., of all Hamilton Oak Sectional Planfile Cabinets, see below.

**PURPOSE :** This unit is made to file tracings, drawings, or art work vertically, much in the same manner as a vertical letter file. The left-hand drawer will take drawings up to  $21\frac{1}{2}$ " x 16". The right-hand drawer will take drawings up to 18" x 16".

**DRAWERS BALL-BEARING :** The drawers are made with steel bodies and slide on ball-bearing rollers, making them very easy running.

**INTERLOCKS WITH REGULAR UNITS :** It is made to interlock with our regular No. 32 wood blue print units, and of course will fit the No. 32-B Cap, and the No. 32-G, 32-H, and 32-J bases.

**THE INDEX TABS :** The illustration of the drawer shows the compressors and folders. We furnish with each drawer, 9 compression guides, and 54 folders with blank tabs.



Drawer Showing Divisions.

## Hamilton Oak Sectional Planfile Cabinets

### General Description

No.	OAK PLANFILE UNITS	Inside Length Inches	Width of Drawers Inches	Depth of Drawers Inches	Outside Length Inches	Width Over All Inches	Height Over All Inches	Shipping Weight Pounds
<b>3042 Line</b>								
32-A	5-Drawer Section with Oak Top Attached .....	42 $\frac{1}{4}$	32	2	45 $\frac{5}{8}$	34 $\frac{7}{8}$	15 $\frac{1}{4}$	180
32-B	Oak Cap .....	.....	.....	.....	45 $\frac{1}{2}$	35	3	65
32-C	5-Drawer Section .....	42 $\frac{1}{4}$	32	2	45 $\frac{1}{2}$	34 $\frac{3}{8}$	14 $\frac{1}{2}$	145
32-D	3-Drawer Section .....	42 $\frac{1}{4}$	32	3 $\frac{5}{8}$	45 $\frac{1}{2}$	34 $\frac{3}{8}$	14 $\frac{1}{2}$	130
32-E	1-Drawer Section .....	42 $\frac{1}{4}$	32	7 $\frac{1}{8}$	45 $\frac{1}{2}$	34 $\frac{3}{8}$	9 $\frac{3}{8}$	80
32-F	Base with Drawer .....	42 $\frac{1}{4}$	32	5	45 $\frac{1}{2}$	34 $\frac{3}{8}$	9 $\frac{1}{2}$	85
32-G	Plain Base .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{7}{8}$	4	30
32-H	Low Sanitary Base .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{3}{8}$	5 $\frac{3}{8}$	35
32-J	High Sanitary Base .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{3}{8}$	22 $\frac{3}{4}$	60
32-K	Two Drawers 20x32x3 $\frac{3}{8}$ " with Tool Tray No. 124 and One Drawer 32x42 $\frac{3}{8}$ " x 2" .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{3}{8}$	9 $\frac{3}{8}$	110
32-L	Three Drawers .....	42 $\frac{1}{4}$	32	2	45 $\frac{1}{2}$	34 $\frac{3}{8}$	9 $\frac{3}{8}$	110
32-M	Two Drawers 20x32x3 $\frac{3}{8}$ " with Tool Tray No. 124 and Three Drawers 32x42 $\frac{3}{8}$ " x 2" .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{3}{8}$	14 $\frac{1}{2}$	145
32-P	6-Drawer Card File Unit for 4x6" or 3x5" cards .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{3}{8}$	7 $\frac{3}{8}$	95
32-R	Two Drawers for vertical file of plans .....	.....	.....	.....	45 $\frac{1}{2}$	34 $\frac{3}{8}$	19 $\frac{7}{8}$	140
<b>2436 Line</b>								
37-A	5-Drawer Section with Oak Top Attached .....	37 $\frac{5}{8}$	25	2	40 $\frac{7}{8}$	27 $\frac{3}{4}$	15 $\frac{1}{4}$	140
37-B	Oak Cap .....	.....	.....	.....	40 $\frac{3}{4}$	28	3	50
37-C	5-Drawer Section .....	37 $\frac{5}{8}$	25	2	40 $\frac{3}{4}$	27 $\frac{3}{8}$	14 $\frac{1}{2}$	120
37-D	3-Drawer Section .....	37 $\frac{5}{8}$	25	3 $\frac{5}{8}$	40 $\frac{3}{4}$	27 $\frac{3}{8}$	14 $\frac{1}{2}$	110
37-E	1-Drawer Section .....	37 $\frac{5}{8}$	25	7 $\frac{1}{8}$	40 $\frac{3}{4}$	27 $\frac{3}{8}$	9 $\frac{3}{8}$	65
37-F	Base with Drawer .....	37 $\frac{5}{8}$	25	5	40 $\frac{3}{4}$	27 $\frac{3}{8}$	9 $\frac{1}{2}$	68
37-G	Plain Base .....	.....	.....	.....	40 $\frac{3}{4}$	27 $\frac{7}{8}$	4	28
37-H	Low Sanitary Base .....	.....	.....	.....	40 $\frac{3}{4}$	27 $\frac{3}{8}$	5 $\frac{3}{8}$	30
37-J	High Sanitary Base .....	.....	.....	.....	40 $\frac{3}{4}$	27 $\frac{3}{8}$	22 $\frac{3}{4}$	55
37-K	Two Drawers 17 $\frac{5}{8}$ x 25 x 3 $\frac{3}{8}$ " with Tool Tray No. 129 and One Drawer 37 $\frac{5}{8}$ x 25 x 2" .....	.....	.....	.....	40 $\frac{3}{4}$	27 $\frac{3}{8}$	9 $\frac{3}{8}$	85
37-L	3-Drawer Section .....	37 $\frac{5}{8}$	25	2	40 $\frac{3}{4}$	27 $\frac{3}{8}$	9 $\frac{3}{8}$	90
37-M	Two Drawers 17 $\frac{5}{8}$ x 25 x 3 $\frac{3}{8}$ " with Tool Tray No. 129 and Three Drawers 37 $\frac{5}{8}$ x 25 x 2" .....	.....	.....	.....	40 $\frac{3}{4}$	27 $\frac{3}{8}$	14 $\frac{1}{2}$	105
37-P	5-Drawer Card File Unit for 4x6" or 3x5" cards .....	.....	.....	.....	40 $\frac{3}{4}$	27 $\frac{3}{8}$	7 $\frac{3}{8}$	85
<b>3648 Line</b>								
44-A	5-Drawer Unit with Cap attached .....	50	38	2 $\frac{1}{4}$	53 $\frac{1}{2}$	40 $\frac{7}{8}$	16 $\frac{7}{8}$	280
44-B	Oak Cap .....	.....	.....	.....	53 $\frac{3}{8}$	41	3	70
44-C	5-Drawer Unit .....	50	38	2 $\frac{1}{4}$	53 $\frac{3}{8}$	40 $\frac{3}{8}$	16	235
44-G	Flush Plain Base .....	.....	.....	.....	53 $\frac{3}{8}$	41	4	55
44-H	Low Sanitary Base .....	.....	.....	.....	53 $\frac{3}{8}$	40 $\frac{3}{8}$	5 $\frac{3}{4}$	40



## Economy Oak Sectional Planfile Cabinets



LOOSE CAP NO. 200-E (Large) 4" x 35" x 47" Outside.  
Shipping Weight, 50 lbs.

LOOSE CAP NO. 220-E (Small) 4" x 29" x 41" Outside.  
Shipping Weight, 40 lbs.



FOUR DRAWER UNIT NO. 204-E (Large) 17½" x 35" x 47" Outside. Drawers 3¼" x 32" x 44" Inside. Shipping Weight, 170 lbs.

FOUR DRAWER UNIT NO. 224-E (Small) 17½" x 29" x 41" Outside. Drawers 3¼" x 26" x 38" Inside. Shipping Weight, 140 lbs.



SIX DRAWER UNIT NO. 206-E (Large) 17½" x 35" x 47" Outside. Drawers 2" x 32" x 44" Inside. Shipping Weight, 180 lbs.

SIX DRAWER UNIT NO. 226-E (Small) 17½" x 29" x 41" Outside. Drawers 2" x 26" x 38" Inside. Shipping Weight, 150 lbs.



SANITARY BASE NO. 218-E (Large) 8" x 35" x 47" Outside. Shipping Weight, 40 lbs.

SANITARY BASE NO. 238-E (Small) 8" x 29" x 41" Outside. Shipping Weight, 30 lbs.

The quality of ECONOMY SECTIONAL PLANFILE CABINETS is well known, and the hundreds of users of these units will no doubt be pleased to know that they can obtain new units, to match those in use, at any time.

We illustrate above, the units that we shall continue to manufacture and carry in stock.

Made of oak, finished to match regular Economy Units.

## Hamilton Pigeon Hole Cabinet No. 40



Many architects, engineering firms and others find it necessary to file some of their plans, drawings, blue-prints, etc., in pigeon hole cabinets or cupboards. This cabinet has been designed to take care of this condition in a systematic manner.

There are forty pigeon holes in the cabinet and the front is covered by a swing door with a good catch making it dust-proof when closed. Over each pigeon hole is a label holder ½" x 5" for proper indexing of the contents.

When it is desired to store short rolls of drawings, we supply false backs No. 41 which, after being sawed off properly are placed in the back of the pigeon hole, making it the desired depth.

DIMENSIONS : Width, 28"; depth 45¼"; height 84". Pigeon holes are 6" wide x 6¾" high.

MATERIAL AND FINISH.....Made of Oak, Light Golden Oak Finish

SHIPPING WEIGHT .....650 lbs.

HOW SHIPPED .....Shipped set up

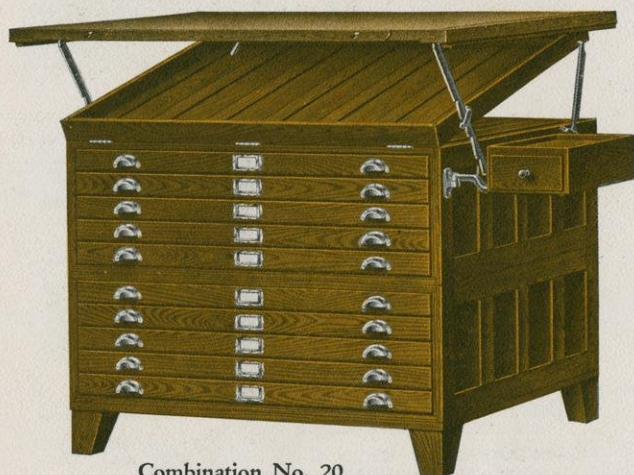
The cabinet shown is a representative design; it is not carried in stock, but is made on order. Can be supplied in wood or steel, with pigeon holes of any size and depth. Unit pigeon hole cabinets can also be supplied. If either cabinets or units are to be placed in a vault, the size, "in the clear", of the vault door must be given.

We have, from time to time, supplied pigeon hole units to interlock with our regular blue-print units. This, of course, limits the depths of the pigeon holes.



# Hamilton Combination Tables and Filing Cabinets Nos. 20 to 27

## Combinations Nos. 20 to 22 — 3042 Line



Combination No. 20  
(3042 Line)

Combinations Nos. 20, 21, and 22 have the same units but different size tops as noted hereon. Units are as follows: Two No. 32-C Units, each with five drawers 2" x 32" x 42 1/4" inside; one No. 32-H Sanitary base; one sketch box 2" x 32 5/8" x 43 7/8" inside with a drawing board top and a tilting adjustment. Also a No. 120 swing drawer and tray. It is 5 5/8" x 10 1/4" x 14 1/2" outside, and has a drawer 3 1/2" x 8 3/4" x 13" inside. The top projects over the front from 6" to 8" on No. 22, but only 2 1/2" to 4 1/2" on Nos. 20 to 21. The tilting adjustment permits the top to be raised and lowered 10 inches on the level, and tilted to almost any desired angle. The top remains rigid at all times. Height with top down 38 1/4". Total height with top raised 48".

No. 20 with a top 36" x 54" ..... Shipping weight 460 lbs.  
No. 21 with a top 36" x 60" ..... Shipping weight 475 lbs.  
No. 22 with a top 42" x 72" ..... Shipping weight 550 lbs.

## Combinations Nos. 23 to 25 — 3042 Line

Combinations Nos. 23, 24, and 25 have the same base, but with tops as given hereon. The Units are as follows: One No. 32-C Unit with five drawers 2" x 32" x 42 1/4" inside, sanitary base No. 32-J, and drawing board top equipped with slides so it can be drawn forward. Also No. 120 swing drawer and tray. Total height 39 1/4".

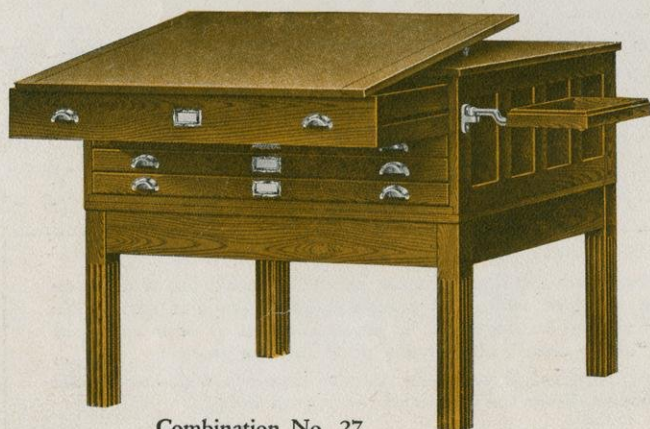
With its five large filing drawers and sliding drawing board top, this combination is a very useful and durable piece of drafting room equipment.

No. 23 with a top 36" x 54" ..... shipping weight 300 lbs.  
No. 24 with a top 36" x 60" ..... shipping weight 325 lbs.  
No. 25 with a top 42" x 72" ..... shipping weight 400 lbs.



Combination No. 23  
(3042 Line)

## Combination No. 27 — 3042 Line



Combination No. 27  
(3042 Line)

This combination has a portable drawing board, which, when in use, rests on the front of the large drawer, and has blocks at the back to give it the desired slant.

When the drawing board is not in use, it is placed inside of the large drawer. This leaves the top of the filing cabinet clear and unobstructed for reference or other purposes. Under the large drawer are three file drawers 2" x 32" x 42 1/4" inside. The base is No. 32-J Sanitary Base. This combination is also equipped with No. 119 Swing Tray, at no extra cost. This Tray is 7 3/4" x 11 3/4" x 1" high inside, and 9" x 13" x 1 7/8" outside.

### Dimensions

The cabinet top is 34 7/8" x 45 5/8". The drawing board is 31" x 42". The large drawer is 4 1/2" x 32" x 42 1/4" inside. Total height without drawing board, 38".

SHIPPING WEIGHT: 240 pounds.



# Hamilton Vertical U-Planfile Nos. 400 to 405

Made of Hardwood, Olive Green Enamel Finish

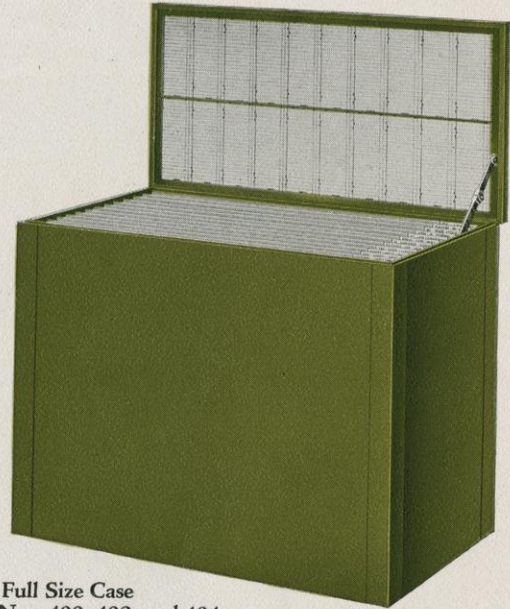


Half Size Case  
Nos. 401, 402, and 405.

This vertical planfile is designed to file efficiently individual tracings or drawings, vertically, without danger of sagging, crumpling, or breaking down. No fastening at the top is necessary.

Compression as applied in the Hamilton Vertical U-Planfile is the only successful method by which cloth or tissue tracings, blue prints or sketches can be placed in an indexed folder, and positively held flat and smooth.

FOLDERS: All folders are double folded at top edges for extra strength and are scored for expansion. This gives stiffness to the top edge, prevents tearing and makes it easier to handle.



Full Size Case  
Nos. 400, 402, and 404.

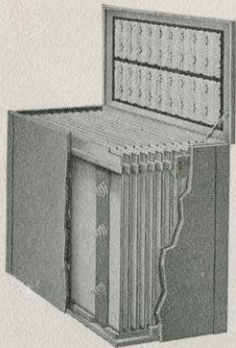


Fig. 1—Sectional view of Planfile showing how springs provide compression.

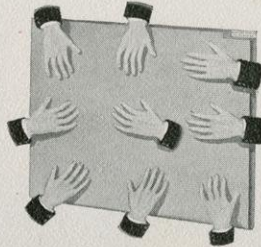


Fig. 2—Showing principles of compression, nine springs being represented by nine pairs of hands. For 42"x 30" size and larger.

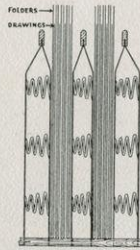


Fig. 3—Cross section of Planfile showing holders containing tracings, held in vertical position by springs. Fig. 1, Fig. 2, Fig. 3.

Paperoid folders are furnished exclusively because they will stand up under the hardest use. This stock is red in color and has a hard, smooth finish.

The Hamilton Vertical U-Planfile is also very well adapted to the filing of maps and specifications.

MATERIAL AND FINISH: Made of hardwood, olive green enamel finish, to match steel cabinets.

New No.	Old Economy No.	No. of Pockets	Size of Folders	No. of Folders	Outside Size			Shipping Weight, Ibs.
					Wide, Inches	High, Inches	Deep, Inches	
400	3624-F	12	24 x 36	48	42 1/4	31 1/4	26 1/2	230
401	3624-H	6	24 x 36	24	42 1/4	31 1/4	14 1/4	160
402	4230-F	12	30 x 42	48	48 1/4	36 1/2	26 1/2	285
403	4230-H	6	30 x 42	24	48 1/4	36 1/2	14 1/4	190
404	4836-F	12	36 x 48	48	54 1/4	42 3/4	26 1/2	320
405	4836-H	6	36 x 48	24	54 1/4	42 3/4	14 1/4	220

## Hamilton Sectional Reference File Combination 19—3042 Line

This is a comparatively new idea in most drafting rooms. The purpose of this planfile is to save wear and tear on valuable tracings, by having a file of blue prints of the original tracings. These blue prints are filed in an inexpensive cabinet of oak, and they are referred to, revised, corrected, or otherwise used to the best advantage.

Most of the wear and tear on tracings is done by handling, filing, re-filing, and referring to them for information; where a blue print would be much more practical to use for many reasons.

Alterations and notations can be made on a blue print from time to time until it is finally decided to have the work done on the original tracing; referring to the original tracing for information sometimes involves considerable loss of time, to locate it, check it out, and refile it; with danger of an accident to it from spilled ink, or tearing it while removing from file; handling tracings interferes with their transparency, crumples the edges, bends and curls the corners, etc. All this can be avoided by having a blue print file of active tracings only, purely for reference, etc.

For example, many tracings cost from fifty to one hundred dollars or more to produce, while an oak reference file of five drawers, a cap and base, with a capacity of from 2000 to 2500 prints will only cost between forty and sixty dollars, depending on the size.

A reference file will save many steps to the filing vault, and will pay for itself many times.

Of course, it can have as many drawers or units as desired.



Reference File — Combination 19.



# Hamilton Steel Sectional Planfile Cabinets

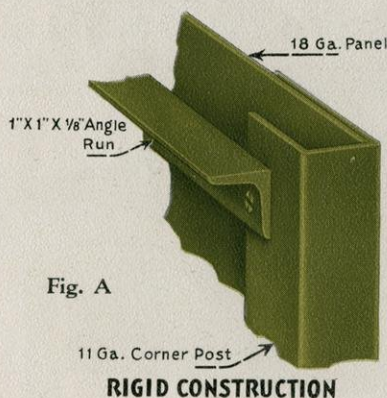


Combination No. 448 — 2436 Line

Combination No. 449 — 3042 Line

## Hamilton Steel Cabinet Construction

**CONSTRUCTION:** Hamilton Steel Cabinets are practically everlasting. They out-live the purchaser. They are so constructed that they are strong and rigid at any height and cannot sag or get loose at the joints. The drawers are made of heavy gauge material (see fig. 2, page 12) and the runs that the drawers slide on are strongly fastened to the cabinet frame and are made of heavy 1" x 1/8" angle irons. (See fig. A.)



**MATERIAL:** Hamilton Steel Cabinets are made of cold-rolled furniture steel, which has been reannealed and pickled to remove all foreign matter, and leveled to prevent buckling. The joints are welded electrically.

**FIRE-RESISTING:** These cabinets help to eliminate the great cause of all fires, i.e., combustible material. Built entirely of steel, they cannot start a fire, and are a protection against destruction by fire. A short time ago a fire occurred in an office where everything of wood was consumed, but plans filed in Hamilton Cabinets were practically unharmed.

**EVERLASTING:** They are practically indestructible. Changes in atmospheric conditions do not swell or shrink the drawers nor cause them to stick and bind, neither can the joints separate.

**DRAWER SUSPENSION:** The angle runs insure ease of operation regardless of weight of contents.

**HARDWARE:** The drawers are fitted with solid cast brass pulls; and steel label holders with an olive green finish.

**FINISH:** The cabinets are finished in olive green baked enamel, the surface of which is hard and smooth, with a rich dull effect harmonizing with any surroundings.

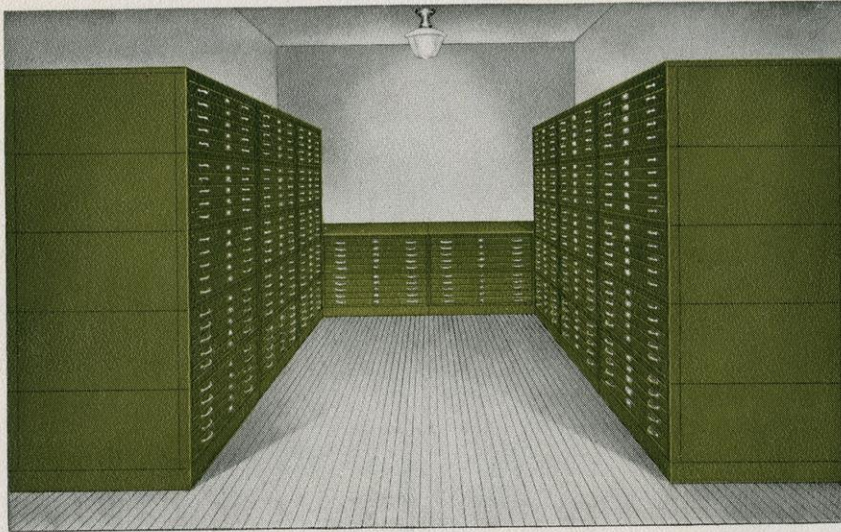
### Gauges of Steel Used

Drawer Fronts .....	20 Gauge
Drawer Bottoms .....	22 Gauge
Drawer Sides .....	18 Gauge
Tops .....	18 Gauge
Side and Back Panels .....	18 Gauge
Corner Posts .....	11 Gauge

Real protection for your tracings, drawings, etc., is good economy, and will save you money in the long run. You cannot buy better steel cabinets than Hamilton, and they are so strongly built that you can stack the units to any reasonable height without danger of sagging. This could not be done if they were not made so strong and rigid. Cheaper units will not give this service.



# Hamilton Steel Sectional Planfile Cabinets



Showing a Vault Equipped with Hamilton Steel Planfile Units.

**MODERN PRACTICE:** Modern practice demands more than a place to file drawings, tracings, blue prints, etc.; it demands that the material so filed will be subject to a minimum of crumpling, tearing, and curling. It demands that when filed the contents will be protected from ordinary fires and from dust. These things are essential.

It will also be noted that we are now listing extra large size Steel Section Planfiles, namely; our 3648 line, which as the number indicates, will accommodate plans 36" x 48". Our regular lines of planfiles which have been in use for many years are listed as 3042 line, and 2436 line which are also shown. For filing large records, sets of plans, and the larger sizes up to six feet long, the Hamilton-Calumet Vertical Planfile is recommended. (See pages 15 to 17).

For small size plans of miscellaneous sizes, we recommend 2436 line, two drawer vertical file unit No. 1890, which has compression guides and will take plans up to 12" x 17". (P. 13).

Our vertical U-Planfile shown on page 9, is now furnished the same as our steel planfiles and can be used in connection with them.



Unit No. 1836, 2436 Line  
Unit No. 1854, 3042 Line  
With legs attached.

Combination No. 446 — 2436 Line.  
Combination No. 447 — 3042 Line.



Base No. 1838, 2436 Line  
Base No. 1856, 3042 Line

Combination No. 442 — 2436 Line.  
Combination No. 443 — 3042 Line.

Plans filed the Hamilton way are especially protected from crumpling and from dust. The Hamilton Drawing Protector with which every drawer is equipped, (except in Units Nos. 1835 and 1843) absolutely prevents tracings from slipping out of the back of the drawer; prevents any friction between the contents of the drawer and the drawer above, and keeps out dust.

Valuable tracings that cost from fifty to a hundred dollars or more are safely housed in Hamilton Planfiles; are easy of access; and are safe from the inroads of moisture and dust.

The Hamilton Reference File which is illustrated and described on page 9, is a further means of conserving your valuable tracings.

The use of Hamilton Plan Folder, and Folder Lifter further simplifies the handling and reference of tracings, drawings, etc. It will be noted that the Hamilton system of planfiles includes both horizontal and vertical filing.



Base No. 1841, 2436 Line  
Base No. 1861, 3042 Line

Combination No. 444 — 2436 Line.  
Combination No. 445 — 3042 Line.



# Hamilton Steel Sectional Planfile Cabinets

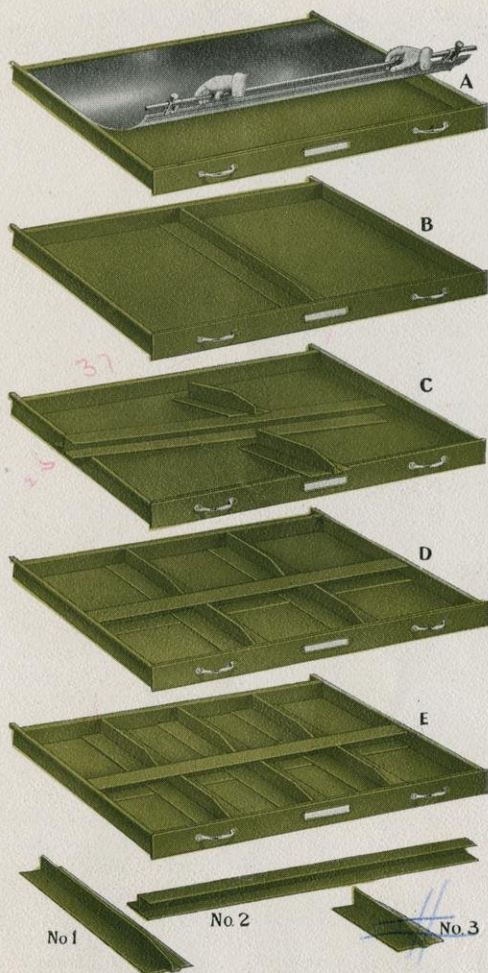


Fig. 1 Showing Drawers and Dividers.  
All Hamilton Steel Planfile Drawers are equipped with Hamilton Drawing Protectors shown in Figs. 2 and 3.

**THE DRAWING PROTECTOR:** This is a recently perfected device which protects the plans in a steel planfile drawer. It keeps the dust out, and holds the plans flat even when drawer is loaded to its maximum capacity. When closed, the cover is stretched forward until the hook on the rod engages in the slot on the inside of the drawer front. (See fig. 2). This slot is so constructed that the hook cannot slip out even under pressure. This drawing protector is made of black coated canvas and is fastened securely at the back of the drawer. When it is necessary to refer to or remove plans, the cover is disengaged at the front and the rod is placed on the drawer pulls above, out of the way. All Hamilton Steel Sectional Planfile Cabinets, (except Units Nos. 1835 and 1843) are equipped with this device.

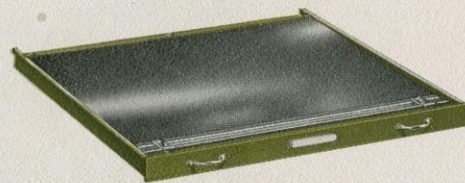


Fig. 3 Showing Drawing Protector.

**THE DRAWER DIVIDERS:** These removable partitions are used to divide the drawer into two compartments (Style B), four compartments (Style C), six compartments (Style D), or eight compartments (Style E).

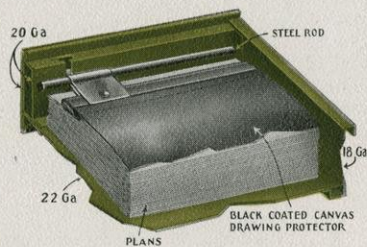


Fig. 2 Showing construction of planfile drawer, (inside view of front). Also drawing protector and front lock.

Partition No. 1 is to extend from front to back of drawer in center, for Style B drawer only. Partition No. 2 is to extend from left to right in center for Style C, D, or E drawers. See illustration figure 1. This partition has a hood which prevents drawings in front of drawer from slipping into the rear compartment, or vice versa. Partition No. 3 is for dividing the front or back of drawer into as many compartments as desired, see Style C, D, or E, Fig. 1.

All drawers are furnished Style A, but can be converted into Style B, C, D, or E drawers with these drawer dividers. No rivets, bolts, or screws are needed; and no tools of any kind are necessary to divide the drawers the new way.

Partitions for dividing drawers must be ordered separately, or in sets for Style B, C, D, or E drawers, for Unit desired. (See price list). They are made for 2" drawers.

**NOTE:** Partitions for drawers having Geimer Paper Weights will be supplied on special order.

**THE PLAN FOLDER:** This is a new device for simplifying filing and eliminating wear on semi-active tracings. It is intended to hold about one hundred tracings, and a regular two inch drawer will take four fully loaded folders. These folders are made in sizes to fit our regular steel planfile drawers, and are listed as follows:

No. 1951 for sheets 24" x 36" (2436 line). No. 1952 for sheets 30" x 42" (3042 line). No. 1953 for sheets 36" x 48" (3648 line).

These folders greatly facilitate the easy removal and carrying of a group of tracings from the cabinet to the reference or drawing table, for filing or other purposes; and the folder lifter described below makes it very easy to locate the correct folder in the drawer and remove the same if desired. When refiling, the folders are placed on top of the other folders in the drawer.

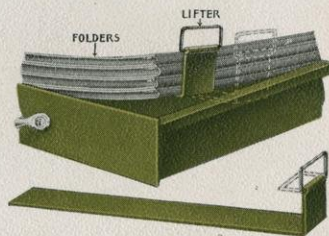


Fig. 4 Showing Folder Lifter No. 1958 as used in steel drawer

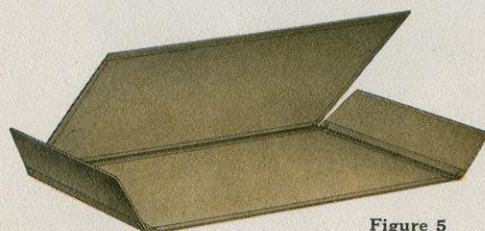


Figure 5  
Hamilton Plan Folder No. 1952 (3042 Line)

**HAMILTON FOLDER LIFTER NO. 1958:** This little device enables the operator to lift the right front corner of the entire contents of the drawer. (See fig. 4). The lifter is then pulled to the right and rests on the drawer side, after which it is an easy matter to select the folder desired. Before closing drawer, the lifter is pushed to the left and down into the drawer with the swivel handle folded so as not to interfere with closing the drawer. This device is furnished at a slight extra cost. It is made of steel in olive green baked enamel finish.

**DIMENSIONS:** It is made for 2" drawers only, and is 2" high when the handle is folded down. It is 18" long and 2" wide.



# Hamilton Steel Sectional Planfile Cabinets

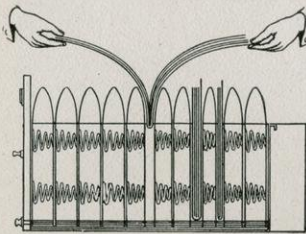
## Two Drawer Vertical Planfile Unit No. 1890

### 2436 Line



Two Drawer Vertical Planfile Unit No. 1890 (2436 Line).

This is a very useful addition to our Sectional Planfile Cabinets, and in addition to the uses mentioned above, it can be used to advantage as an art file. Many offices have a miscellaneous lot of drawings and art work, but have no practical way of keeping them on file. This unit is made only in the 2436 line size.



Sectional View.

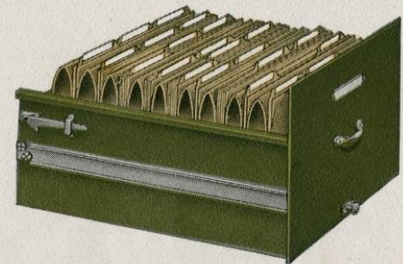
**DIMENSIONS:** Width,  $40\frac{7}{8}$ "; Depth,  $28\frac{1}{2}$ "; Height,  $15\frac{3}{8}$ ". The two drawers are  $17\frac{7}{8}$ " x  $24\frac{1}{4}$ " x 12" high inside.

**MATERIAL AND FINISH:** Made of good quality furniture steel, olive green baked enamel finish.

**SHIPPING WEIGHT:** 250 lbs.

This unit will interlock with any of our Steel Sectional Planfile Cabinets Nos. 1833 to 1840, (2436 Line). It is designed for vertical filing of tracings, drawings, blue prints, etc., in sizes up to 12" x 17".

The two drawers are each equipped with nine compression guides, and 54 folders with blank tabs. The illustration of the sectional view shows the manner of using the folders for reference or filing. It also shows the springs in the compression guides. The drawers run on ball-bearing rollers and are very easy running.



We furnish with each drawer, 9 compression guides and 54 folders with blank tabs.

## Linoleum Top Cap Units Nos. 1833 and 1851



These cap units are covered with green linoleum and are for counter purposes. When our regular Steel Planfile Units are stacked to counter height, these units are very useful, as of course, the regular steel cap with the olive green finish would not be very practical for this purpose.

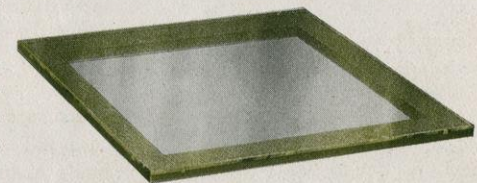
**DIMENSIONS:** No. 1833 (2436 Line), length,  $40\frac{7}{8}$ "; width,  $29\frac{1}{4}$ "; height,  $1\frac{3}{8}$ ".

No. 1851 (3042 Line), length  $46\frac{7}{8}$ "; width,  $36\frac{1}{4}$ "; height  $1\frac{3}{8}$ ".

**MATERIAL AND FINISH:** Made of steel, olive green baked enamel finish, with top covered with green linoleum.

**SHIPPING WEIGHTS:** No. 1833, 45 lbs.; No. 1851, 55 lbs.

## Glass Top Cap Units Nos. 1834 and 1852



For counter purposes over Steel Sectional Planfiles, these units are very useful. The top is of plate glass which exposes to view the contents of the top drawer of the unit below.

The plate glass is also an ideal surface, for working or for counter tops. When using our Steel Sectional Planfile Cabinets for counter purposes, our No. 1838 or 1856 six-inch sanitary base should be used.

**DIMENSIONS:** No. 1834 (2436 Line), length,  $40\frac{7}{8}$ "; width,  $29\frac{1}{4}$ "; height,  $1\frac{1}{8}$ ".

No. 1852, (3042 Line), length,  $46\frac{7}{8}$ "; width,  $36\frac{1}{4}$ "; height,  $1\frac{1}{8}$ ".

**MATERIAL AND FINISH:** Frame of steel, olive green finish, covered with plate glass.

**SHIPPING WEIGHTS:** No. 1834, 100 lbs.; No. 1852, 135 lbs.



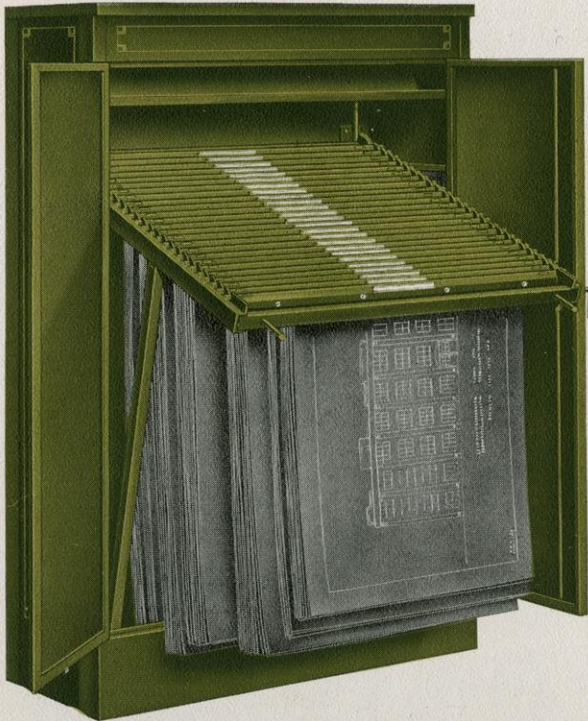
# Hamilton Steel Sectional Planfile Cabinets

## General Description

Unit No.	STEEL PLANFILE UNITS	Drawer Inside Dimensions			Unit Outside Dimensions			Shipping Weight
		Length	Width	Depth	Length	Width	Height	Pounds
2436 Line								
1833	Linoleum Top Cap Unit (Small Size).....	---	---	-----	40 $\frac{7}{8}$	29 $\frac{1}{4}$	1 $\frac{3}{8}$	45
1834	Glass Top Cap Unit (Small Size).....	---	---	-----	40 $\frac{7}{8}$	29 $\frac{1}{4}$	1 $\frac{1}{8}$	100
1835	Cap for Units 1828-1825-1826-1830-1831-1836.....	---	---	-----	40 $\frac{7}{8}$	29 $\frac{1}{4}$	$\frac{7}{8}$	40
1828	6-Drawer Unit .....	37	25	2 $\frac{1}{4}$	40 $\frac{7}{8}$	28 $\frac{1}{2}$	20	260
1825	1-Drawer Unit .....	37	25	7 $\frac{1}{2}$	40 $\frac{7}{8}$	28 $\frac{1}{2}$	9 $\frac{7}{8}$	145
1826	3-Drawer Unit — Drawers 2" deep .....	37	25	2	40 $\frac{7}{8}$	28 $\frac{1}{2}$	9 $\frac{7}{8}$	175
1829	5-Drawer Unit with Cap (Small Size) .....	37	25	2	40 $\frac{7}{8}$	28 $\frac{1}{2}$	16 $\frac{1}{4}$	235
1830	5-Drawer Unit .....	37	25	2	40 $\frac{7}{8}$	28 $\frac{1}{2}$	15 $\frac{3}{8}$	214
1831	3-Drawer Unit — Drawers 3 $\frac{3}{4}$ " deep .....	37	25	3 $\frac{3}{4}$	40 $\frac{7}{8}$	28 $\frac{1}{2}$	15 $\frac{3}{8}$	180
1836	5-Drawer Unit with Sanitary 12" Base (Small Size) .....	37	25	2	40 $\frac{7}{8}$	28 $\frac{1}{2}$	27 $\frac{3}{8}$	310
1837	Flush Base for Units 1828-1825-1826-1830-1831 .....	---	---	-----	40 $\frac{7}{8}$	28 $\frac{1}{2}$	4	40
1841	Sanitary Base 12" for 1828-1825-1826-1830-1831-1829 .....	---	---	-----	40 $\frac{7}{8}$	28 $\frac{1}{2}$	12	50
1838	Sanitary Base, Low 5 $\frac{3}{4}$ " for 1828-1825-1826-1830-1831-1829.....	---	---	-----	40 $\frac{7}{8}$	28 $\frac{1}{2}$	5 $\frac{3}{4}$	40
1839	Sanitary Base, 23", for Units 1825-1826-1828-1829-1830- 1831-1890 .....	---	---	-----	40 $\frac{7}{8}$	28 $\frac{1}{2}$	23	75
1840	Card File Unit, 5 Drawers, for cards 3x5" or 4x6" .....	6 $\frac{1}{8}$	22	4	40 $\frac{7}{8}$	28 $\frac{1}{2}$	7 $\frac{3}{4}$	150
1860	Four Drawers for Vertical Art Filing .....	8 $\frac{3}{8}$	24	15 $\frac{1}{4}$	40 $\frac{7}{8}$	28 $\frac{1}{2}$	17 $\frac{5}{8}$	-----
1890	Two Drawers for Vertical Filing .....	17 $\frac{7}{8}$	24 $\frac{1}{4}$	12	40 $\frac{7}{8}$	28 $\frac{1}{2}$	15 $\frac{3}{8}$	-----
3042 Line								
1851	Linoleum Top Cap Unit (Large Size) .....	---	---	-----	46 $\frac{7}{8}$	36 $\frac{1}{4}$	1 $\frac{3}{8}$	55
1852	Glass Top Cap Unit (Large Size) .....	---	---	-----	46 $\frac{7}{8}$	36 $\frac{1}{4}$	1 $\frac{1}{8}$	135
1853	Cap for Units 1850-1843-1844-1848-1849-1854 .....	---	---	-----	46 $\frac{7}{8}$	36 $\frac{1}{4}$	$\frac{7}{8}$	50
1850	6-Drawer Unit .....	43 $\frac{7}{8}$	32	2 $\frac{1}{4}$	46 $\frac{7}{8}$	35 $\frac{1}{2}$	20	320
1843	1-Drawer Unit .....	43 $\frac{7}{8}$	32	7 $\frac{1}{2}$	46 $\frac{7}{8}$	35 $\frac{1}{2}$	9 $\frac{7}{8}$	138
1844	3-Drawer Unit .....	43 $\frac{7}{8}$	32	2	46 $\frac{7}{8}$	35 $\frac{1}{2}$	9 $\frac{7}{8}$	220
1847	5-Drawer Unit with Cap (Large Size) .....	43 $\frac{7}{8}$	32	2	46 $\frac{7}{8}$	35 $\frac{1}{2}$	16 $\frac{1}{4}$	360
1848	5-Drawer Unit .....	43 $\frac{7}{8}$	32	2	46 $\frac{7}{8}$	35 $\frac{1}{2}$	15 $\frac{3}{8}$	270
1849	3-Drawer Unit .....	43 $\frac{7}{8}$	32	3 $\frac{3}{4}$	46 $\frac{7}{8}$	35 $\frac{1}{2}$	15 $\frac{3}{8}$	240
1854	5-Drawer Unit with Sanitary 12" Base (Large Size) .....	43 $\frac{7}{8}$	32	2	46 $\frac{7}{8}$	35 $\frac{1}{2}$	27 $\frac{3}{8}$	325
1855	Flush Base for Units 1850-1843-1844-1848-1849 .....	---	---	-----	46 $\frac{7}{8}$	35 $\frac{1}{2}$	4	50
1861	Sanitary Base 12" for 1850-1843-1844-1848-1849 .....	---	---	-----	46 $\frac{7}{8}$	35 $\frac{1}{2}$	12	60
1856	Sanitary Base, Low 5 $\frac{3}{4}$ " for 1850-1843-1844-1848-1849 .....	---	---	-----	46 $\frac{7}{8}$	35 $\frac{1}{2}$	5 $\frac{3}{4}$	45
1857	Sanitary Base 23", for Units 1843-1844-1847-1848-1849-1850.....	---	---	-----	46 $\frac{7}{8}$	35 $\frac{1}{2}$	22 $\frac{7}{8}$	80
1858	Card File Unit, 6 Drawers, for cards 3x5" or 4x6" .....	6 $\frac{1}{8}$	27 $\frac{7}{8}$	4	46 $\frac{7}{8}$	35 $\frac{1}{2}$	7 $\frac{3}{4}$	180
3648 Line								
1867	Steel Cap .....	---	---	-----	53 $\frac{7}{8}$	42 $\frac{1}{4}$	$\frac{7}{8}$	65
1868	5-Drawer Unit .....	50	38	2 $\frac{1}{4}$	53 $\frac{7}{8}$	41 $\frac{1}{4}$	17 $\frac{1}{4}$	375
1872	Sanitary Base, Low 5 $\frac{3}{4}$ " High .....	---	---	-----	53 $\frac{7}{8}$	41 $\frac{1}{4}$	5 $\frac{3}{4}$	70
1873	Flush Base .....	---	---	-----	53 $\frac{7}{8}$	41 $\frac{1}{4}$	4	70
1912	Sanitary Base 12" High .....	---	---	-----	53 $\frac{7}{8}$	41 $\frac{1}{4}$	12	100



# The Hamilton-Calumet Vertical Planfile



File Rack Pulled Out Showing Binders

The cut, Fig. 2 shows the operator replacing the plans in the cabinet. This procedure is explained fully on next page. The Hamilton-Calumet Vertical Plan File will take any size plan from letter size up to the maximum size listed on page 17.

**COMPACT :** The Hamilton-Calumet Vertical Plan File takes up very little floor space. The cuts on this page show the rack pulled out; they do not show, however, the appearance of the cabinet when the rack is pushed in. By pushing downward on the lower edge of the rack, it moves back and upward into the cabinet, and then stands nearly vertical.

**CAPACITY :** This device has a capacity of 2600 to 3000 sheets. The shelf above is useful for storing paper, tracing cloth, etc. All Hamilton-Calumet Files will take plans up to 70 inches in length and in widths as listed on page 17.

**FIRE RESISTING :** This Vertical File is built entirely of steel and is, therefore, fire-resisting, and is a protection from any but a disastrous fire. An important point also, is that the cabinet is closed all around the floor, excluding mice and other vermin.

**AS A NEWSPAPER FILE :** This file has been used very successfully as a newspaper file in large newspaper offices such as the Chicago Tribune.

**MATERIAL AND FINISH :** Made of good quality furniture steel, patent levelled and finished in olive green baked enamel rub finish. This color will harmonize with any surroundings. It is beautiful and lasting and the cabinet is also handsomely striped in bronze. In appearance the Hamilton-Calumet is a large safe-cabinet.

**HOW SHIPPED :** Shipped set up.

**PREVIOUS PRACTICE :** Formerly when architects, engineers, etc., had large drawings, tracings, blue prints, or sets of plans to file they were forced to roll them and place them in pigeon holes or some similar device. It was not practical to use flat drawer files for this purpose, and no vertical file existed that was suitable. It, therefore, became necessary to provide some other means of taking care of this condition.

**THE PROBLEM SOLVED :** The Hamilton-Calumet Vertical Plan File is the answer to this, the most difficult of all filing problems. The cut at left shows the file rack pulled out for removal of binders which hold the plans. There are 26 binders, and each binder will take 100 or more sheets.

**NO PUNCHING :** There is no necessity of punching or binding of plans. The Hamilton-Calumet Binder holds its contents securely without danger of slipping. The sheets or sets of plans are easily removed or replaced in the binders.

**EASY REFERENCE :** When any particular drawing or set of plans is wanted for reference, the correct binder is located by the label holder and lifted from the rack as shown in Fig. 1. The binder is then laid on the table and the plans paged through until the correct one is found. If any plans are to be removed, the screws must be loosened.

The cuts, Fig. 1 and Fig. 2, show the manner of removing and replacing prints in the Hamilton-Calumet Vertical File. As each binder has a label holder to show the contents, it is an easy matter to find the plans desired, and misfiling is practically an impossibility.

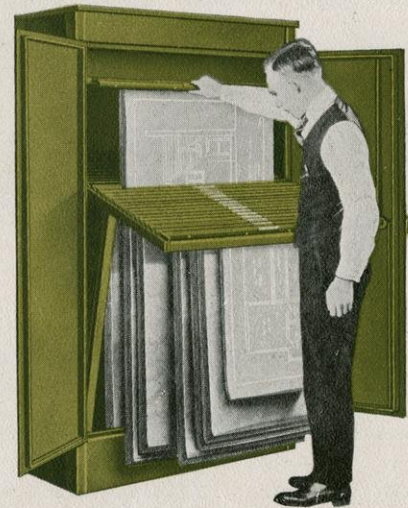


Fig. 1, Removing Plans

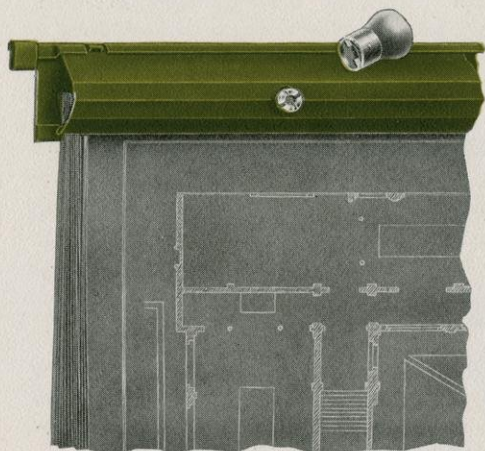


Fig. 2, Replacing Plans



# The Hamilton-Calumet Vertical Planfile

—Continued

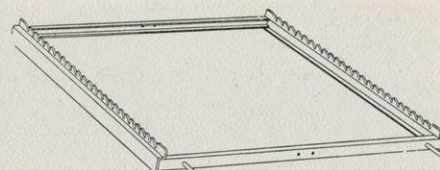


Hamilton-Calumet Binder.

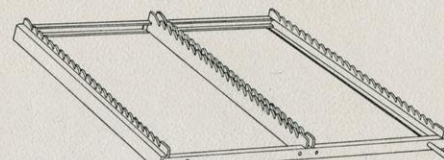
**THE BINDER :** The cut at the left shows a detail of the Calumet Binder. The key shown is furnished with each cabinet and fits the four screws with which they are tightened. It is made so that it will not easily slip off the screw. The jaws of the Binder spring apart as the screws are loosened, to permit removal of plans.

**THE RACK :** The rack which holds the Binders in the Cabinet is made in three styles, namely: Plain, Style A, and Style B. The Plain rack is for full size binders, which take plans the maximum width possible in the Cabinet. The plain racks are supplied in Cabinets Nos. 1875, 1876, 1877, 1878 and 1879, and holds 26 binders. The style A rack is for half-size binders and will take 52 half-size

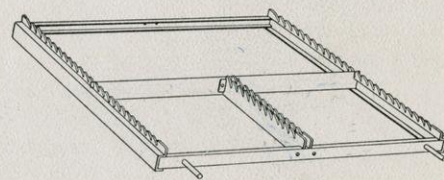
binders. The style A racks are supplied in Cabinets Nos. 1875-A, 1876-A, etc. The style B rack will take 13 large full-size Binders at the rear, and 24 half-size Binders at the front. The style B rack is supplied in Cabinets Nos. 1875-B, 1876-B, etc. Further specifications are shown on page 17.



Plain Rack



Style A Rack



Style B Rack

## Replacing Binders in Cabinet

The method of replacing binders in cabinet is as follows: Do not attempt to lower the bottom edges of the prints into the opening for the binders. This is very difficult and the following method is very much easier:

**FIRST :** Grasp binder in center with right hand and lay prints on rack so binder is above opening for it. (See Fig. 1). Hold

the prints flat with the left hand so they will not slide down.

**SECOND :** With left hand, push the prints down into the correct opening; at the same time lower the binder with the right hand. (See Fig. 2.)

**THIRD :** Drop binder into the correct notch of rack and then grasp the prints by lower edges. (See Fig. 3.) Then push the prints forward and they will drop automatically in place, hanging in the correct position.

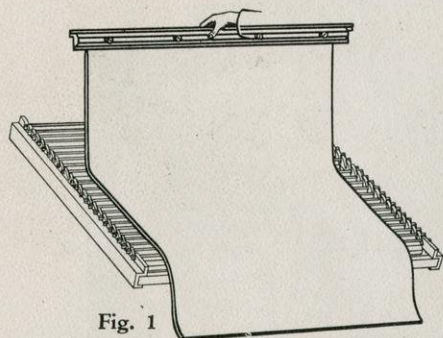


Fig. 1

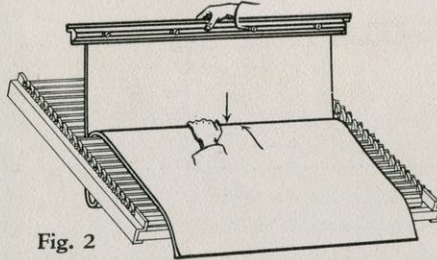


Fig. 2

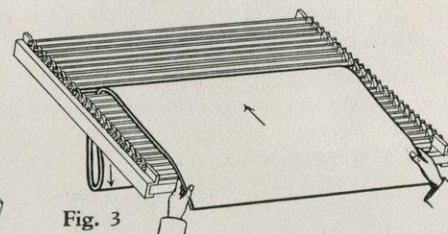


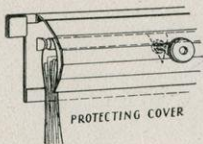
Fig. 3

**LOCKING-UP BINDERS :** When contents are placed in binder, screws should be turned down by hand until reasonably tight, then tighten screws one turn further with key. Do not set screws up too tightly.

**FASTENING CABINETS :** Screw holes are provided in each of the rear corners of cabinet for fastening cabinets to floor when necessary.

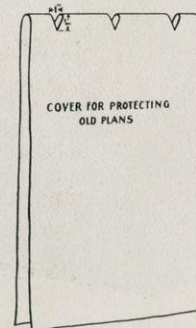
## Protecting Old Prints, Drawings and Tracings

Old prints, drawings, or tracings that have become badly worn should be protected by a folder shaped like and inverted V or heavy wrapping or drawing paper, as shown in illustration. Take a sheet of heavy durable paper the same width as the binder, say 36 inches. Then the length of the sheet would be about 4 or 5 inches more than twice the length of the longest drawing or tracing. This sheet is then folded once the long way making a cover that is open on the bottom and sides, but closed at the top where the fold is. The top is then cut out with 1" x 1"



PROTECTING COVER

V-shaped notches corresponding to the bolts of the binder so that cover can be placed on the binder with the V-notches over the bolts. Then a 1/4" wooden dowel or rod is pushed through the top loop of cover, so that the rod rests on the bolts of the binder. The cover then cannot drop off as it is supported by the rod resting on the bolts. The contents are then placed in cover and binder and screws are tightened.





# The Hamilton-Calumet Vertical Planfile

—Continued

## Specifications for Hamilton-Calumet Planfiles

Unit No.	Maximum Filing Size	Style of Rack	Outside Dimensions	Floor Space Required	Shipping Weight
1875	24"x70"	Plain	32 $\frac{3}{4}$ "x18"x72"	18"x32 $\frac{3}{4}$ "	450 lbs.
1875-A	11"x70"	Style A	32 $\frac{3}{4}$ "x18"x72"	18"x32 $\frac{3}{4}$ "	450 lbs.
1875-B	24"x70"	Style B	32 $\frac{3}{4}$ "x18"x72"	18"x32 $\frac{3}{4}$ "	450 lbs.
1876	30"x70"	Plain	38 $\frac{3}{4}$ "x18"x72"	18"x38 $\frac{3}{4}$ "	495 lbs.
1876-A	14"x70"	Style A	38 $\frac{3}{4}$ "x18"x72"	18"x38 $\frac{3}{4}$ "	495 lbs.
1876-B	30"x70"	Style B	38 $\frac{3}{4}$ "x18"x72"	18"x38 $\frac{3}{4}$ "	495 lbs.
1877	36"x70"	Plain	44 $\frac{3}{4}$ "x18"x72"	18"x44 $\frac{3}{4}$ "	550 lbs.
1877-A	17"x70"	Style A	44 $\frac{3}{4}$ "x18"x72"	18"x44 $\frac{3}{4}$ "	550 lbs.
1877-B	36"x70"	Style B	44 $\frac{3}{4}$ "x18"x72"	18"x44 $\frac{3}{4}$ "	550 lbs.
1878	42"x70"	Plain	50 $\frac{3}{4}$ "x18"x72"	18"x50 $\frac{3}{4}$ "	625 lbs.
1878-A	20"x70"	Style A	50 $\frac{3}{4}$ "x18"x72"	18"x50 $\frac{3}{4}$ "	625 lbs.
1878-B	42"x70"	Style B	50 $\frac{3}{4}$ "x18"x72"	18"x50 $\frac{3}{4}$ "	625 lbs.
1879	48"x70"	Plain	56 $\frac{3}{4}$ "x18"x72"	18"x56 $\frac{3}{4}$ "	700 lbs.
1879-A	23"x70"	Style A	56 $\frac{3}{4}$ "x18"x72"	18"x56 $\frac{3}{4}$ "	700 lbs.
1879-B	48"x70"	Style B	56 $\frac{3}{4}$ "x18"x72"	18"x56 $\frac{3}{4}$ "	700 lbs.

Any of the above cabinets will take plans from letter size (8 $\frac{1}{2}$ "x11") up to and including the maximum size given.

For illustrations of Plain, Style A or Style B racks, see page 16.

## Calumet Testimonials

We find the "Calumet" 100 per cent efficient for filing large or small plans and we take great pleasure in recommending same to all contractors and architects, for it is just the file that they need.

Paschen Brothers,  
Contractors, Chicago.

We are still using, after several years, the "Calumet"—and we like it—and would have to be shown a better one before changing.

Mehring & Hauser Co.,  
Contractors, Chicago.

We have seventeen "Calumets" in our various plants in the United States and find them ideally adapted for filing blue prints. They have given excellent service.

Sears, Roebuck & Co.,  
Chicago.

The "Calumet" is the best piece of apparatus for its purpose that we have seen.

Marshall & Fox,  
Architects, Chicago.

We find the "Calumet" very convenient, do not know of any other that we would like better.

Jos. G. Steinkamp & Bros.,  
Architects, Cincinnati, Ohio.

We have several "Calumet" blue print files and like them.

The Chicago Tribune.

Have had a "Calumet" for several years and find it very satisfactory.

Harry Hake,  
Architect, Cincinnati, Ohio.

## The Hamilton-Calumet System

This system embodies new ideas in filing and drafting. The Hamilton-Calumet Vertical Planfile, shown on pages 15 and 16, is but one of the many pieces of equipment that comprise the complete Calumet System, in steel construction.

Super-efficiency, labor-saving, and space saving are promoted to the greatest degree possible in this new equipment. This system comprises the following: Horizontal Filing Cabinets; Vertical Filing Cabinets; Roll Tracing and Pigeon Hole Filing Cabinets; Field Book Cabinets; Card Files; Engineer's Desks and Equipment; Folders, etc.

All of the above are new and original in the drafting field and anyone can obtain the complete catalog upon request. Ask for catalog No. 8.



# Hamilton Features



Fig. 1

Our standard finish for drafting room furniture. The sample above shows the grain a trifle dark, but in general appearance it is very close to our regular finish.



Fig. 2

Fig. 2 shows the construction of the drawing board tops as used on our Tables Nos. 211 to 258.

The end cleat is of oak, fastened with screws and oblong washers to allow for contraction and expansion. There is also an oak apron on front of board. Center of board is of selected white pine, with tongue and groove construction similar to Fig. 6.

Figure 7 on the right shows the strong bolted knocked-down construction of Hamilton 4-Post Drawing Tables.

The ends are mortised and tenoned and bolted together at the factory. As the tables are shipped knocked-down, the front and back rails, and foot rails are inserted in the mortises in the ends when assembling the table. The bolts are then inserted and drawn up tight.

This makes a very rigid drawing table. Full instructions are furnished with every table for setting up.

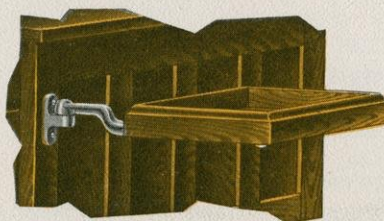


Fig. 4

Fig. 4 shows Swing Tray No. 119, as used on Combination Table No. 27, and Drawing Tables Nos. 110 to 114.

It is  $11\frac{1}{4}$ " x  $7\frac{3}{4}$ " x  $11\frac{3}{4}$ " inside, and  $17\frac{7}{8}$ " x 9" x 13" outside.



Fig. 5

This shows Swing Tray No. 120. Used on Combination Tables Nos. 20 to 25, and Drawing Tables Nos. 101, 103, 105, 107, 110 to 114, 212 and 214. It is  $5\frac{5}{8}$ " x  $10\frac{5}{8}$ " x  $14\frac{1}{2}$ " outside. The drawer is  $3\frac{1}{2}$ " x  $8\frac{3}{4}$ " x 13" inside.

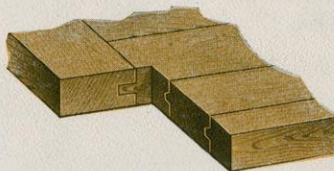


Fig. 6

Fig. 6 illustrates our style "A" board with end cleats and tongued and grooved center portion.

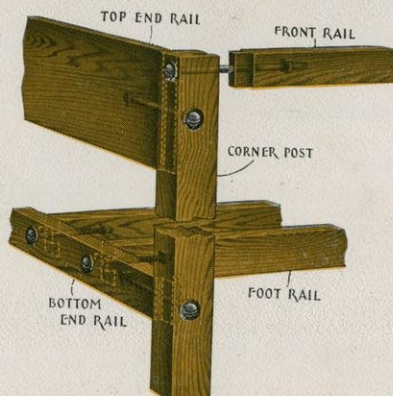


Fig. 7

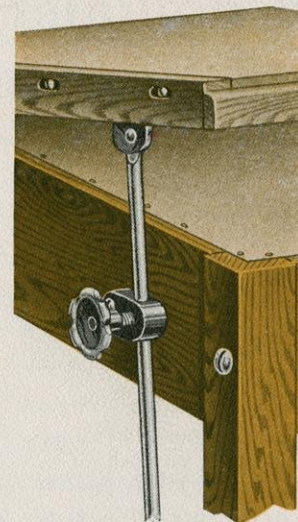


Fig. 8

Showing our standard tilting device No. 268, very practical and effective.

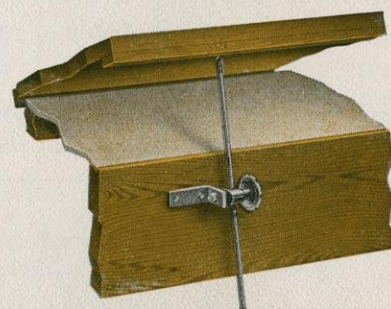


Fig. 9

Hamilton Tilting Device No. 268-A (Fig. 9) is used as the illustration shows, on the rear center of large drawing table tops as an extra support, to prevent top from sagging in the center. It is adjusted at the same time as the Tilting Device on the ends. Made of steel, black enamel finish.



Fig. 10

Fig. 10 shows our Style B, D, E and I drawing boards. The heavy cleats are fastened to the drawing board by screws and oblong washers which allow for contraction and expansion of the board. All our drawing boards are made up of strips tongued and grooved together.



# Hamilton Features

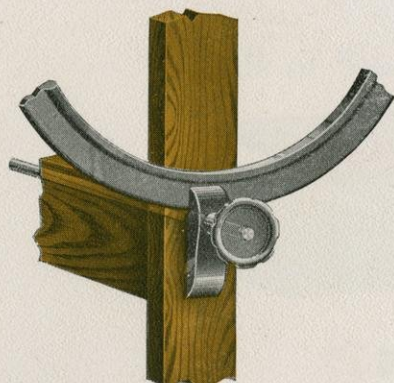


Fig. 11

Fig. 11 shows the construction of our Champion Tables, page 22, Ideal Tables, page 23, and Perfection-Monroe Tables, page 24.

The top is tilted by means of the heavy circle iron which is held by the clamp and tightened by the hand wheel shown. The rod runs through the frame from side to side of table and when tightened makes table strong and rigid.

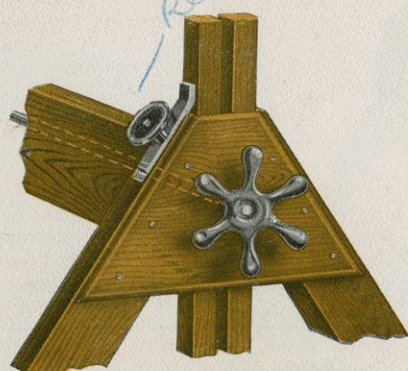


Fig. 12

Fig. 12 illustrates the tightening device for the base on all Ideal Tables, page 23, and Ideal-Universal Tables, page 39. Note the rod which runs through the table, the large star wheel for tightening, and the hand wheel clamp for upright.

This construction makes table absolutely rigid.

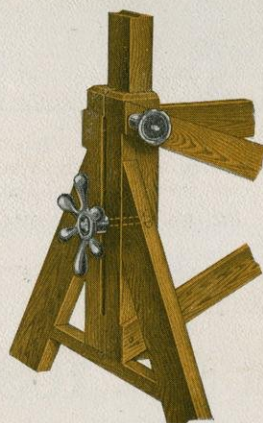


Fig. 13

Fig. 13 shows the tightening device used on Perfection-Monroe Drawing Tables. (See page 24).

The large star wheel lightens the base and the smaller hand wheel tightens the upright, which makes table absolutely rigid.



Fig. 14

Fig. 14 illustrates the construction of the adjustable feature of our Adjustable Drawing Tables Nos. 140 to 155. (See pages 26 and 27.) As shown above, the adjustable supports for the top are marked every  $1\frac{1}{2}$  inches, which enables operator to adjust each pair the same.

The hand wheels draw the end rails together and the top cannot slip down.

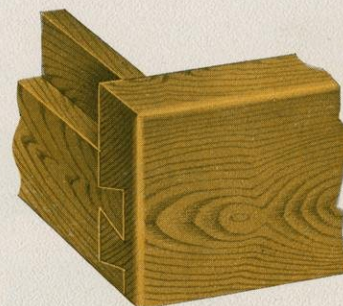


Fig. 15

Fig. 15 shows the construction of our oak planfile drawers. The side rails are dovetailed into the drawer fronts and the drawer bottoms are so constructed that they cannot sag or warp, causing the drawer to bind.



Fig. 16

Fig. 16 shows the front apron construction of the drawing board top on Tables Nos. 140 to 155. (See pages 26 and 27).

Note the  $\frac{5}{16}$ " opening between drawing board and apron, for paper.

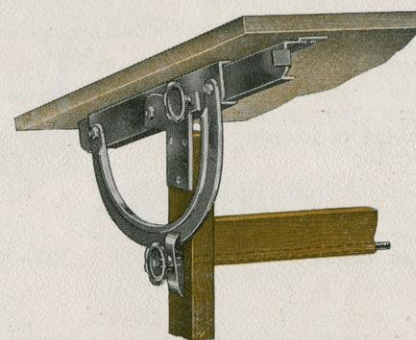


Fig. 17

Fig. 17 shows the sliding top feature on the Ideal-Universal Artists Table No. 157-A and No. 158-A. (See page 39). The drawing board top with its steel channel cleats slides back or forward with a total adjustment of 25". The hand wheel holds top in any position.

The lower hand wheel holds the circle iron which allows top to tilt. Rod runs through table.



# Hamilton "De Luxe" Drawing Tables Nos. 100 to 107



Table No. 103.

This is a very practical, rigid, first-class adjustable iron and steel base drawing table. It has all the advantages of other similar tables now on the market, and none of their disadvantages.

This table is rigid at any height, and the table top is raised or lowered by means of a large hand wheel operating bevel gears and spiral shafts. The shafts revolve on ball-bearings, and the horizontal shaft has babbitted bearings.

Unlike most adjustable drawing tables, there is no need for set screws or safety devices of any kind. The top can never slip down. However, for extra rigidity and to eliminate any play between the working parts, we have provided hand wheels which, when tightened, prevent any accidental raising or lowering of the top.

Compare this table point for point with any similar table and you will be convinced



Table No. 102.

of its superiority. The ease with which it is adjusted cannot be surpassed in any table now on the market, with the possible exception of our Steel Base Table shown on next page.

General Description			
Table No.	Size Top	Trays	Shipping Weight
100	36" x 48"	—no Tool Tray.....	235 lbs.
101	36" x 48"	—with Tool Tray No. 120.....	250 lbs.
102	36" x 60"	—no Tool Tray.....	250 lbs.
103	36" x 60"	—with Tool Tray No. 120.....	265 lbs.
104	42" x 72"	—no Tool Tray.....	315 lbs.
105	42" x 72"	—with Tool Tray No. 120.....	325 lbs.
106	42" x 84"	—no Tool Tray.....	335 lbs.
107	42" x 84"	—with Tool Tray No. 120.....	355 lbs.

**MATERIAL AND FINISH:** The top is of selected white pine, with hardwood cleats on ends and underneath to keep top straight, and finished with one coat varnish, sanded smooth.

Base is of cast iron and steel, finished in olive green baked enamel.

**HOW SHIPPED:** Shipped set up with top detached.

## Hamilton Drafting Room Cabinet No. 108



This cabinet fills a real demand for a handy accessory to the artist, draftsmen, or chief draftsman. It has a rim around the top  $\frac{5}{8}$ " high. The two drawers at the top are for ink, tools, etc., and the top drawer has a lock. The large drawer is for letter or catalog file.

**DIMENSIONS:** Width,  $14\frac{3}{4}$ "; Depth, 20", Height, 32". One drawer 12" wide by  $16\frac{1}{8}$ " deep by  $3\frac{3}{4}$ " high inside. Also one drawer 5" high inside. The large drawer is  $11\frac{3}{4}$ " high inside.

**MATERIAL AND FINISH:** Made of oak, light golden finish.

**SHIPPING WEIGHT:** 100 lbs. Shipped set up.



Shown with Table No. 102.



# Hamilton Steel Base Adjustable Drawing Tables Nos. 211 to 217-M

Made of Steel—Cannot Break in Shipment or in Use.



Steel Base Adjustable  
Drawing Table  
No. 214-D, Showing  
Drawer Unit and  
Swing Tray No. 120

Adjustable drawing tables that are made of cast or malleable iron have not been found to be entirely satisfactory due to breakage in shipment or while in use.

This new table was designed to overcome the objectionable features of cast or malleable iron, and it has in addition, some unique features not possessed by other tables.



Table No. 213 — Top Lowered.

The base with the exception of the hand-wheel is entirely of steel, absolutely eliminating breakage, and this table will stand the hardest kind of use or abuse.

**THE DRAWERS:** The illustration above shows the table equipped with one long drawer and a tool drawer underneath. The long drawer will accommodate 24" x 36" drawings. This drawer is 1-13/16" deep by 24 3/8" x 37-3/16" long inside. The tool drawer is 3 3/4" deep by 14-5/16" x 10-9/16" wide inside.

Table No. 214-D shown above has the swing tool tray No. 120 which has a drawer 3 1/2" x 8 3/4" x 13" inside.

The table No. 213 is shown without the drawers.

The long drawer and tool drawer do not interfere with the lowering or raising of top. The drawers do not tilt with the top.

**TILTING AND RAISING MECHANISM:** Table No. 213 shows rear view of the tilting and raising mechanism. This device allows the top to be tilted to any angle or vertically.



Table No. 213 — Top Raised  
—Rear View.

The raising is accomplished by a spiral shaft and a sliding lever movement. It is very simple, efficient and easy to operate, and when the desired height is obtained, the hand-wheels, when tightened, make the table absolutely rigid.

**HEIGHT:** Minimum height 36"; maximum height 46".

**MATERIAL AND FINISH:** Top of selected white pine with oak end cleats which allow for expansion and contraction. Finished one coat varnish sanded smooth.

Base is of steel, finished in olive green, baked enamel, attractively striped.

**HOW SHIPPED:** Shipped set up with top detached.

## General Description

Table No.	Size Top	Trays	Drawers	Shipping Wgt.
211	36" x 48"	—no Tool Tray	no Drawers	220 lbs.
211-D	36" x 48"	—no Tool Tray	with Drawers	280 lbs.
212	36" x 48"	—with Tool Tray No. 120	no Drawers	235 lbs.
212-D	36" x 48"	—with Tool Tray No. 120	with Drawers	315 lbs.
213	36" x 60"	—no Tool Tray	no Drawers	250 lbs.
213-D	36" x 60"	—no Tool Tray	with Drawers	330 lbs.
214	36" x 60"	—with Tool Tray No. 120	no Drawers	265 lbs.
214-D	36" x 60"	—with Tool Tray No. 120	with Drawers	345 lbs.
215	42" x 72"	—no Tool Tray	no Drawers	275 lbs.
215-D	42" x 72"	—no Tool Tray	with Drawers	355 lbs.
216	42" x 72"	—with Tool Tray No. 120	no Drawers	290 lbs.
216-D	42" x 72"	—with Tool Tray No. 120	with Drawers	370 lbs.
217-A	48" x 84"	—no Tool Tray	no Drawers	315 lbs.
217-B	48" x 84"	—with Tool Tray No. 120	no Drawers	330 lbs.
217-C	48" x 96"	—no Tool Tray	no Drawers	350 lbs.
217-E	48" x 96"	—with Tool Tray No. 120	no Drawers	360 lbs.
217-G	48" x 108"	—no Tool Tray	no Drawers	380 lbs.
217-H	48" x 108"	—with Tool Tray No. 120	no Drawers	390 lbs.
217-K	48" x 120"	—no Tool Tray	no Drawers	400 lbs.
217-M	48" x 120"	—with Tool Tray No. 120	no Drawers	410 lbs.



## Hamilton Champion Drawing Tables Nos. 110 to 114



Table No. 110  
31" x 42"

These tables are very popular with draftsmen in general and are in use in many art studios because of their adaptability to almost any height or position. The top can be raised or lowered from 32 to 42 inches. It can also be tilted to any angle and nearly vertically for use as an easel. After the table is adjusted, for height or slant, the hand-wheel at top and the star-wheel below, are tightened which makes the table extremely rigid due to the rods which run through the table. When tightened, the hand-wheels draw the table up very tightly.

No. 110	31 x 42 x 1 $\frac{1}{8}$ "	.....shipping weight	95 lbs.
No. 111	36 x 48 x 1 $\frac{1}{8}$ "	.....shipping weight	115 lbs.
No. 112	36 x 60 x 1 $\frac{1}{8}$ "	.....shipping weight	130 lbs.
No. 113	42 x 72 x 1 $\frac{1}{8}$ "	.....shipping weight	165 lbs.
No. 114	42 x 84 x 1 $\frac{1}{8}$ "	.....shipping weight	210 lbs.

### EXTRAS

No. 118	Foot Rest	.....shipping weight	20 lbs.
No. 119	Swing Tray	.....shipping weight	25 lbs.
No. 120	Swing Drawer and Tray	.....shipping weight	35 lbs.

**MATERIAL AND FINISH:** The top is of selected white pine, with hardwood cleats on ends and underneath to keep top straight. Varnished and sanded smooth. Base, including woodwork, and metal parts, finished in black enamel.

**HOW SHIPPED:** Shipped knocked down. Instructions furnished for assembling.

## Hamilton Set-Ezy Stools Nos. 420 to 422



These stools were designed to make the work of the draftsmen or artist easier. Why should not the artist or draftsmen work in comfort as well as the office man with his swivel chair. The Hamilton Set-Ezy Stool is the answer to this question. They are made with a patented spring suspension and the frame is rigidly constructed of steel angles riveted together. These stools make it possible for the worker to turn out more work with greater ease than before.

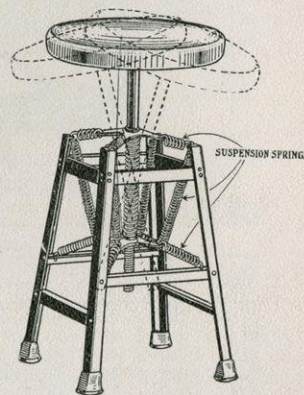
**SPRING SUSPENSION:** The suspension device is made up of twelve coil springs, the adjusting device and seat. This is hung in a steel frame. In the center is a heavy compression spring which maintains the tension of the upper and lower springs. The four vertical coil springs however, support the entire load, and the balance of the springs allow for sideways or lateral movements.

Hundreds of artists, draftsmen, bankers, stenographers, shop men, and bench workers will testify to the advantages of Hamilton Set-Ezy Stool.

**MATERIAL AND FINISH:** Made of steel olive green baked enamel finish.

**HOW SHIPPED:** Shipped set up.

No. 420	Height 18 to 22 inches.....	shipping weight	18 lbs.
No. 421	Height 24 to 30 inches.....	shipping weight	35 lbs.
No. 422	Height 30 to 36 inches.....	shipping weight	35 lbs.



Cut showing adaptability  
to various positions and  
suspension spring device



## Hamilton Comfort Cushion No. 428

These cushions are just the right thing for drafting and other stools that are 13 or 14 inches in diameter. They are designed especially for Hamilton Set-Ezy Stools and are made of thick sponge rubber with a green felt cover vulcanized to the rubber. As will be seen by the illustration, they are shaped to fit the seat of the stool, and the rubber flange underneath holds them in place. They are very comfortable and practically everlasting.



# Hamilton Ideal Drawing Tables Nos. 157 to 160



No. 158 — 31" x 42"

This table is our largest selling drawing table. Although sold at a very moderate price, within the reach of anyone, it is a very strong, rigid, durable, and practical drawing table. It is adaptable to professional and school work equally well, and can be adjusted in height from 32 to 42 inches. It can be tilted to an angle or vertically. A very satisfactory table at a low price.

**A NEW FEATURE:** A new device has been added to this table which is an extra clamp that tightens the up-rights in the base, making the table absolutely rigid at any height. (See fig. 12, page 19).

**MATERIAL AND FINISH:** The top is of selected soft wood with hardwood cleats underneath. Finished with one coat varnish sanded smooth.



Tilted for Easel.

As shown on the cut below, this table can be equipped if so desired with Tool Cabinet No. 161. Metal parts black enameled. Frame of hardwood, natural oil finish. **HOW SHIPPED:** Shipped knocked down.



Ideal Tool Cabinet No. 161.

## GENERAL DESCRIPTION

Table No.	Size of Top	Shipping Weight	Table No.	Size of Top	Shipping Weight
157	24" x 32" x 13/16"	50 lbs.	159	36" x 48" x 1-1/16"	100 lbs.
158	31" x 42" x 13/16"	75 lbs.	160	36" x 60" x 1-1/16"	115 lbs.

## Ideal Tool Cabinet No. 161

This Tool Cabinet can be attached to any of our Ideal, Ideal-Universal, Champion, or Perfection-Monroe Drawing Tables. If desired, the top drawer, when pulled out, serves as a tray for ink, tools, etc. The bracket shown is also furnished.

**DIMENSIONS:** The cabinet is 8 3/8" wide, 8 1/8" high, and 22" deep outside. The top drawer is 6 1/8" wide, 1 3/4" high and 20 1/8" deep inside. The bottom drawer is the same as the upper drawer except that it is 3 1/2" high inside.

**MATERIAL AND FINISH:** Cabinet made of hardwood, light golden oak finish. **SHIPPING WEIGHT:** 40 lbs.

## Hamilton Folding Drawing Tables Nos. 162 to 164

As there is a constant demand for a light, portable, adjustable, folding drawing table, we believe this table will answer every purpose, and for practical use it is all that can be desired.

It is well braced and substantially made, and can be folded and moved very easily.

### GENERAL DESCRIPTION

Table No.	Size of Top	Hgt.	Shipping Weight
162	24" x 32" x 13/16"	30"	40 lbs.
163	31" x 42" x 13/16"	38"	65 lbs.
164	36" x 48" x 13/16"	38"	75 lbs.

**MATERIAL AND FINISH:** The top is of selected clear basswood, strengthened with hardwood cleats underneath to keep top straight. Tops finished with one coat varnish sanded smooth. Frame of hardwood natural finish.

**SHIPPED:** Knocked down.

No. 163 —  
Folded.

No. 163 — 31" x 42"



## Hamilton Trestle Drawing Tables Nos. 170 to 172



Table No. 171—36" x 48"

This stand has a large range of adjustments in height, as it can be adjusted from 29 to 42 inches. It is well made and easily adjusted and rests firmly in any position. It is light in weight and folds very compactly, making it easy to move from place to place.

The tops on Nos. 171 and 172 have hardwood end cleats to keep top straight.

**MATERIAL AND FINISH:** The top is of selected clear pine, and finished with one coat varnish, both sides, with working side sanded smooth.

Frame of hardwood natural finish.

**HOW SHIPPED:** Shipped knocked down.

No. 170—Top 31 x 42 x 13/16" ..shipping weight 75 lbs.

No. 171—Top 36 x 48 x 1-1/16" ..shipping weight 85 lbs.

No. 172—Top 36 x 60 x 1-1/16" ..shipping weight 110 lbs.

## Hamilton Perfection-Monroe Drawing Tables Nos. 175 to 179

This is a very well built, moderately priced drawing table. In it we have combined the best features of several similar tables. It is one of the most rigid and practical drawing tables of its type now on the market.

The diagonal braces insure perfect rigidity, and the frame is very strong and well put together. In place of the hand-wheels which we formerly used, we now use large star-wheels on the base which, when tightened, makes table very rigid.

**A NEW FEATURE:** This table has been further improved by an extra clamp on the upper part of the base. When the hand-wheel is tightened, the upright is absolutely rigid. See Figure 13, page 19. This table is adjustable in height from 31 to 41 in.

### General Description

No. 175—24x32x13/16" .....	shipping weight 55 lbs.
No. 176—31x42x13/16" .....	shipping weight 75 lbs.
No. 177—36x48x1-1/16" .....	shipping weight 95 lbs.
No. 178—36x54x1-1/16" .....	shipping weight 105 lbs.
No. 179—36x60x1-1/16" .....	shipping weight 115 lbs.

**MATERIAL AND FINISH:** The top is of selected basswood with hardwood cleats underneath to keep top straight. Finished with one coat varnish both sides, and top side sanded smooth. Frame of hardwood, natural finish. Metal parts, black enameled.

**HOW SHIPPED:** Shipped knocked down.



Table No. 176—31" x 42"

## Hamilton 4-Drawer Unit No. 195



This little cabinet has been used for years in our No. 252, 253, 257 and 258 Drawing Tables. It has four drawers which are very useful for storage of ink, tools, supplies etc. Every draftsman has catalogs, reference books, and miscellaneous literature pertaining to his work, and this cabinet furnishes exactly the right amount of drawer space to take care of this material.

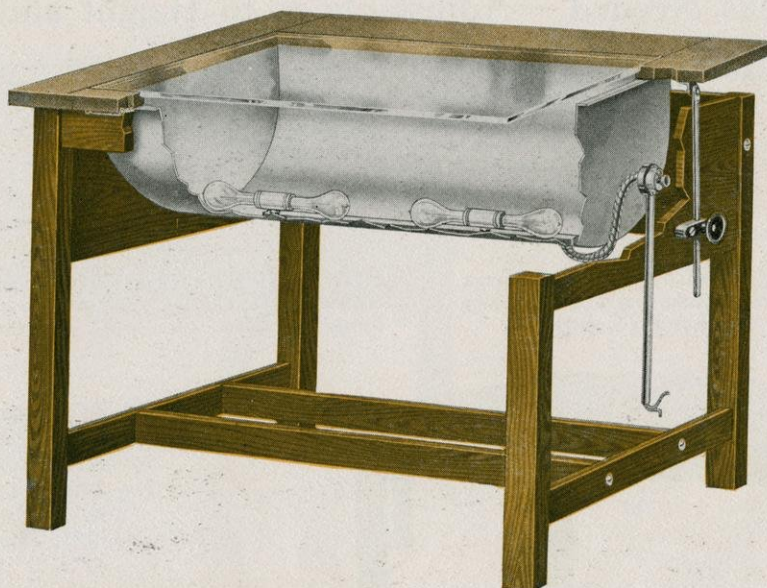
**DIMENSIONS:** The drawers are 10 1/4" wide, 23" long, and 3 5/8" high inside. The cabinet is 12 7/8" wide, 28 1/2" deep, and 19 1/2" high outside.

**MATERIAL AND FINISH:** Made of oak, light golden oak finish.

**SHIPPING WEIGHT:** 65 lbs.



# Hamilton "Shadowless" Tracing Table No. 165



Cut-away View Showing Interior of Reflector.

**PURPOSE :** In cases where tracings must be made over soiled blue prints or old drawings, it is indispensable. With it, tracings can be made accurately and at a great saving of time. The electric lights are below the plate glass top and proper illumination is obtained by four electric lights wired with a metal moulding which bears the National Board of Fire Underwriters' stamp. The reflector being parabolic in shape gives an even illumination on the glass above, and having an aluminum bronze finish on the inside, gives further diffusion, eliminating all dark spots.

Because the electric lights are below the plate glass top and drawing, all shadows are eliminated and the draftsman is enabled to trace with a minimum amount of eye strain.

There is a snap switch at the end of the table which controls all lights.

This device makes it possible to make good tracings quickly and accurately even with heavy drawing paper.

We furnish with each table one package of ArTacks which are very useful for attaching the papers to the glass top in lieu of gummed stickers.

We do not supply the electric bulbs shown in the illustration, but we recommend 75 or 100 watt milk glass bulbs.

Our regular parallel rule attachment can be attached to this table to advantage.

**DIMENSIONS :** Top of table is 36" x 48". Plate glass in center is 24" x 36". Height of table at front 34". Height with the raising blocks, 37". Top tilts to any slant desired.

**MATERIAL AND FINISH :** Frame of top is of selected basswood finish with one coat varnish sanded smooth.

Body of table is of oak, light golden oak rub finish.

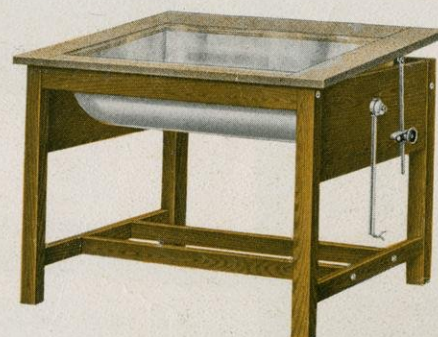
**SHIPPING WEIGHT :** 220 lbs. **HOW SHIPPED :** Shipped set up.

Some difficulty may be anticipated with regard to the placing of compass points when making circles or for dividing. However, a piece of transparent celluloid placed between the glass and the drawing obviates this difficulty.

Drawings 24" x 36" or larger can be fastened with thumb tacks to the basswood frame which surrounds the glass. Smaller drawings may be fastened to the glass with gummed stickers.

The top of this table is 36" x 48". It is hinged at the front and has an adjusting device on the ends. The lights and reflector are attached to the top, thereby keeping the light reflector and glass top in the correct relative position.

**PLATE GLASS TOP :** Flush with the top is a plate glass tracing surface 24" x 36", the underside of which has a sand-blast finish. The reflector has vents near the top for the surplus heat to escape.



Top is Adjustable.



# Hamilton Adjustable Drawing Tables

## Nos. 140 to 155

### No Raising Blocks Needed — Adjustable as to Height and Slant of Top

These tables cannot be surpassed for high grade, rigid, durable drafting tables. They have a special feature not found on other 4-Post Drawing Tables. Unlike other tables of this type the top is adjustable in height as well as slant. Draftsmen in general will appreciate the raising feature which enables them to work at the most convenient height. From the regular height of 34 inches the top can be raised to 38 or 40 inches in height. When the top is raised to the desired height, and tilted to the right angle for working, the hand-wheels are tightened which hold the top securely. See detail of this feature on figure 14, page 19. The drawing board top also has a  $\frac{1}{8}$ " opening between front of board apron. See figure 16, page 19.

**CENTER BRACE:** All Hamilton 4-Post Tables over 72 inches long have an adjustable Center Brace in the rear of the table. See page 18. This prevents long tops from sagging in the center.

**MATERIAL AND FINISH:** The tops are of selected white pine, braced on the ends with hardwood oak cleats, fastened with screws and heavy oblong washers which allow for contraction and expansion.

**HOW SHIPPED:** These tables are shipped knocked down to reduce freight charges. They are very easy to assemble as we furnish complete instructions for setting up with every table.



Nos. 140, 143, 146, and 151.

To the left is shown the plain table without drawers or units. These tables are listed as follows:

#### 36" ~~36~~ x 60" Size Tables

Table No. 140, Shipping Weight 155 lbs.

#### 36" x 72" Size Tables

Table No. 143, Shipping Weight 170 lbs.

#### 42" x 72" Size Tables

Table No. 146, Shipping Weight 195 lbs.

#### 42" x 84" Size Tables

Table No. 151, Shipping Weight 230 lbs.

To the right is shown the table equipped with one Tool Drawer with Sliding Tool Tray.

#### 36" ~~36~~ x 60" Size Tables

Table No. 140-A, one Tool Drawer  $3\frac{3}{4}$  x  $10\frac{1}{2}$  x  $27\frac{1}{4}$ " inside. Shipping Weight, 165 lbs.

#### 36" x 72" Size Tables

Table No. 143-A, one Tool Drawer  $3\frac{3}{4}$  x  $17\frac{5}{8}$  x 24" inside. Shipping Weight, 185 lbs.

#### 42" x 72" Size Tables

Table No. 146-A, one Tool Drawer  $3\frac{3}{4}$  x  $17\frac{5}{8}$  x 32" inside. Shipping Weight, 215 lbs.

#### 42" x 84" Size Tables

Table No. 151-A, one Tool Drawer  $3\frac{3}{4}$  x 20 x 32" inside. Shipping Weight, 250 lbs.



Nos. 140-A, 143-A, 146-A, 151-A.



Nos. 140-B, 143-B, 146-B, and 151-B.

To the left is shown table equipped with one Tool Drawer with Sliding Tool Tray, and one large shallow drawer.

#### 36" x 60" Size Tables

Table No. 140-B, one Tool Drawer  $3\frac{3}{4}$  x  $10\frac{1}{2}$  x  $27\frac{1}{4}$ " inside; one large shallow drawer 2 x  $27\frac{1}{4}$  x 37" inside. Shipping Weight, 175 lbs.

#### 36" x 72" Size Tables

Table No. 143-B, one Tool Drawer  $3\frac{3}{4}$  x  $17\frac{5}{8}$  x 24" inside; one large shallow drawer 2 x 25 x 42" inside. Shipping Weight, 195 lbs.

#### 42" x 72" Size Tables

Table No. 146-B, one Tool Drawer  $3\frac{3}{4}$  x  $17\frac{5}{8}$  x 32" inside; large shallow drawer 2 x 25 x  $50\frac{3}{8}$ " inside. Shipping Weight, 225 lbs.

#### 42" x 84" Size Tables

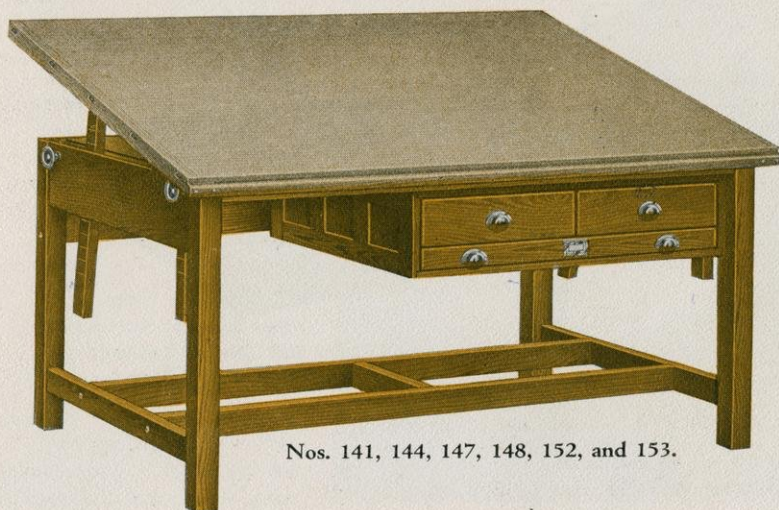
Table No. 151-B, one Tool Drawer  $3\frac{3}{4}$  x 20 x 32" inside; large shallow drawer 2 x 32 x  $50\frac{3}{8}$ " inside. Shipping Weight, 265 lbs.



# Hamilton Adjustable Drawing Tables

## Nos. 140 to 155

—Continued



Nos. 141, 144, 147, 148, 152, and 153.

To the left is shown the table equipped with 37-K (small) or 32-K (large) Unit, with Tool Tray.

### 36" x 60" Size Tables

Table No. 141, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ " inside; one large shallow drawer  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 215 lbs.

### 36" x 72" Size Tables

Table No. 144, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ " inside; one large shallow drawer  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 270 lbs.

### 42" x 72" Size Tables

Table No. 147, two deep drawers  $3\frac{7}{8} \times 20 \times 32$ "; one large shallow drawer  $2 \times 32 \times 42\frac{1}{4}$ " inside.

SHIPPING WEIGHT: 310 lbs.

Table No. 148, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ "; one large shallow drawer  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 290 lbs.

### 42" x 84" Size Tables

Table No. 152, two deep drawers  $3\frac{7}{8} \times 20 \times 32$ "; one large shallow drawer  $2 \times 32 \times 42\frac{1}{4}$ " inside.  
SHIPPING WEIGHT: 318 lbs.

Table No. 153, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ "; one large shallow drawer  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 325 lbs.

The illustration on the right shows the table equipped with No. 32-K and 32-C Units (large) or 37-K or 37-C Units (small), with Tool Tray.

### 36" x 60" Size Tables

Table No. 142, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ " inside; six large shallow drawers  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 305 lbs.

### 36" x 72" Size Tables

Table No. 145, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ " inside; six large shallow drawers  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 425 lbs.

### 42" x 72" Size Tables

Table No. 149, two deep drawers  $3\frac{7}{8} \times 20 \times 32$ " inside; six large shallow drawers  $2 \times 32 \times 42\frac{1}{4}$ " inside.

SHIPPING WEIGHT: 425 lbs.

Table No. 150, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ " inside; six large shallow drawers  $2 \times 25 \times 37\frac{5}{8}$ " inside.

SHIPPING WEIGHT: 390 lbs.

### 42" x 84" Size Tables

Table No. 154, two deep drawers  $3\frac{7}{8} \times 20 \times 32$ " inside; six large shallow drawers  $2 \times 32 \times 42\frac{1}{4}$ " inside.

SHIPPING WEIGHT: 465 lbs.

Table No. 155, two deep drawers  $3\frac{7}{8} \times 17\frac{5}{8} \times 25$ " inside; six large shallow drawers  $2 \times 25 \times 37\frac{5}{8}$ " inside.

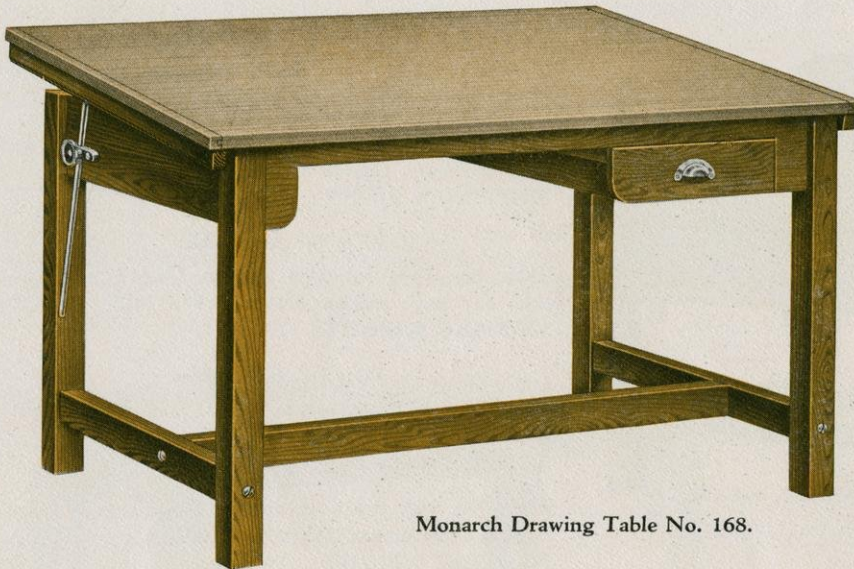
SHIPPING WEIGHT: 400 lbs.



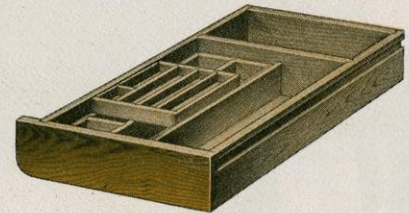
Nos. 142, 145, 149, 150, 154, and 155.



# Hamilton Monarch Drawing Tables Nos. 166 to 169



Monarch Drawing Table No. 168.



Drawer and Tray in Tables  
Nos. 168 and 169.

Most draftsmen realize that the four post drawing table is the most popular and highest type of drafting table in use today.

Hamilton Monarch Drawing Tables are of the four post type and yet very moderate in price, competing successfully with higher priced tables and also tables of a cheaper variety.

These tables are very popular among architects and engineers as they are especially adaptable to the highest grade of work requiring large working surface.

These tables are shipped knocked down to reduce freight charges, but are very easily set up as we furnish complete instructions for assembling with each table. The illustration below shows the small space they occupy while being shipped.

Under the top is a blue print compartment  $1\frac{1}{4}$ " high, useful for accommodating drawings, blue prints, etc.

The illustration above shows the drawer with the sliding tool tray in tables Nos. 168 and 169. Tables Nos. 166 and 167 have the small tray shown only.

The Monarch tables are 34" high, but can be raised 3" with raising blocks which are furnished.

**DIMENSIONS:** Tables Nos. 166 and 167 have a blue print compartment  $1\frac{1}{4}$ " x  $28\frac{1}{2}$ " x  $40\frac{1}{2}$ " inside. Tables Nos. 168 and 169 have a compartment  $1\frac{1}{4}$ " x  $28\frac{1}{2}$ " x  $52\frac{7}{8}$ "

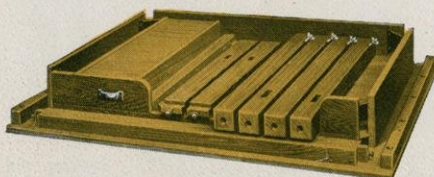


Illustration of Monarch Table  
knocked down.

This table is designed to meet the demand for a substantial but inexpensive drawing table of the four-post type. Shipped knocked down. A good table for export trade. Each leg is fastened to the upper frame by a long heavy bolt through a steel corner plate.

Tables Nos. 166 and 167 have a tool drawer  $3\frac{1}{2}$ " x  $7\frac{7}{8}$ " x 25" inside. Nos. 168 and 169 have a tool drawer  $3\frac{1}{2}$ " x 13" x 26" inside. Height 34".

**MATERIAL AND FINISH:** The tops are of selected basswood, with hardwood end cleats; varnished on both sides and sanded smooth. Body of table is of oak, light golden oak finish.

**HOW SHIPPED:** Shipped knocked down. Instructions furnished for setting up.

General Description			
Table No.	Old Economy No.	Size of Top	Shipping Weight
166	105	36" x 48" x $1\frac{1}{16}$ "	135 lbs.
167	104	36" x 54" x $1\frac{1}{16}$ "	140 lbs.
168	103-A	36" x 60" x $1\frac{1}{16}$ "	165 lbs.
169	102-A	36" x 72" x $1\frac{1}{16}$ "	180 lbs.



Monarch Drawing Table No. 166.



# Hamilton 4-Post Drawing Tables Nos. 220 - 258

Hamilton 4-Post Drawing Tables are standard equipment in many of the largest drafting rooms. The quality is uniform; the drawer equipment is flexible; the tops are straight and square, and will stay so; they are made of the best well seasoned stock, and are well finished in a light shade of golden oak. They are very strong and durable; in fact, they outlive the purchaser.

You can buy cheaper tables than Hamilton 4-Post Drawing Tables, but you cannot buy better tables.

The illustrations on the next two pages show the many ways in which these tables are equipped. The plain table without any drawers can be purchased, and later if desired, the drawers can be added.

Our No. 250 table is the largest selling 4-Post Drawing Table in the world. It is used a great deal by designers, architects, and draftsmen in general. It has a top 36" x 60", large enough for most work. For those whose work requires larger working surfaces, we recommend our tables Nos. 220 to 258, which have tops 36" x 72" and 42" x 84".

Many draftsmen prefer to use a small drawing board on the flat top of these tables; reserving the balance of the table for reference material, etc. For this purpose our Inclined Drawing Board Nos. 298, 24" x 36", and 299, 31" x 42", are recommended. These boards are shown on page 34.

These tables can, of course, be equipped to advantage with our Drawing Table Dust Cover No. 219-A to S, shown on page 33.

When desired, we will equip, at slight extra cost, any of our 4-Post Drawing Tables with Sliding Top Attachment No. 269. This permits drawing board top to be drawn forward six inches from its normal position. See page 33.

**THE DRAWERS:** It will be found that many of these tables are equipped with our regular Oak Blue Print Units Nos. 37-K, C, and M, and Nos. 32-K, C, and M. This is an advantage to the draftsman as, when desired, an entire drawer from the Oak Filing Cabinets, containing the information desired, can be removed from the cabinet and placed in the table for reference, when our regular Oak Planfiles are used. This saves many steps to and from the Filing Cabinets.

**TOOL TRAY:** All of our 4-Post Tables, except those listed without drawers, are

equipped with a Sliding Tool Tray which is arranged for accommodating draftsmen's supplies, see page 33.

**THE TILTING DEVICE:** All Hamilton 4-Post Tables with adjustable tops are equipped with our standard Tilting Device No. 268. It is very efficient and cannot slip after being tightened. The cut in the center of this page shows this device.



Photo of a Hamilton Equipped Drafting Room.  
The Timken Roller Bearing Co., Canton, Ohio

**LARGE TOPS HAVE EXTRA BRACE:** All tops larger than six feet in length are equipped with extra brace or Tilting Device on the rear center of board. When the top is tilted, this device is adjusted the same as the regular Tilting Device on the ends. This attachment, Hamilton Tilting Device No. 268-A, can be purchased separately and attached by anyone. See cut below.

Under the top the entire table is covered with beaver board. This prevents dust from accumu-

lating in the drawers. This dust protection is shown in cut, on the center of this page.

**SHIPPED KNOCKED DOWN:** These tables are shipped knocked down to reduce freight charges, full and complete instructions are furnished for assembling.

**HEIGHT:** All 4-Post Tables are 34 inches high. This is our standard height which has been found to be correct from actual practice. However, we furnish raising blocks which increase the height 3 inches, when desired. For those who require this type of table with a top that is adjustable in height, we recommend our Adjustable Drawing Tables Nos. 140 to 155.

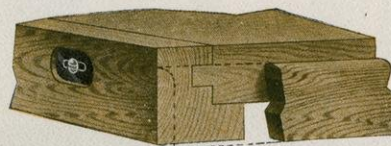
**MATERIAL AND FINISH:**

The tops are of selected white pine with hardwood end cleats, and heavy cleats underneath, fastened with heavy screws and oblong washers, which allow for contraction and expansion of the board, and prevent top from warping or splitting. The tops are finished with one coat varnish on both sides, and the top surface is sanded smooth. The body of the table is of oak, light golden oak finish.

These tables are the highest type of drafting tables on the market today. When all bolts are tightened after setting up, they are extremely rigid and solid. Should they at any time become slightly loose, they can be tightened with an ordinary heavy screw driver.



Showing Regular Tilting Device No. 268 on end and No. 268-A as Center Brace in rear.

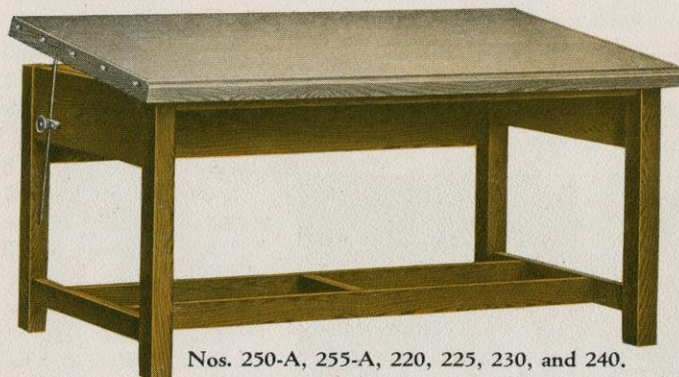


Construction of Drawing Board  
Tops on all 4-Post Drawing Tables.



# Hamilton 4-Post Drawing Tables Nos. 220 to 258

— Continued



Nos. 250-A, 255-A, 220, 225, 230, and 240.

To the right is the 4-Post Table with one Tool Drawer.

## 36" x 60" Size Tables

Table No. 251, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $10\frac{1}{2}"$  x  $27\frac{1}{4}"$  inside.

Table No. 256, solid top, same drawers as above.

SHIPPING WEIGHT : 165 lbs.

## 36" x 72" Size Tables

Table No. 221, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $17\frac{5}{8}"$  x  $24"$  inside.

Table No. 226, solid top, same drawers as above.

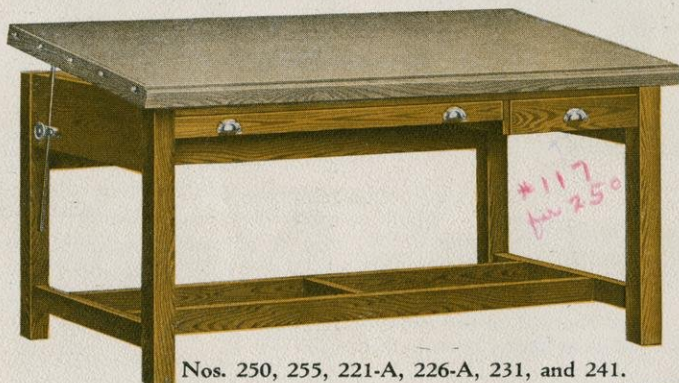
SHIPPING WEIGHT : 180 lbs.

## 42" x 84" Size Tables

Table No. 230-A, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $20\frac{1}{8}"$  x  $32"$  inside.

Table No. 240-A, solid top, same drawers as above.

SHIPPING WEIGHT : 250 lbs.



Nos. 250, 255, 221-A, 226-A, 231, and 241.

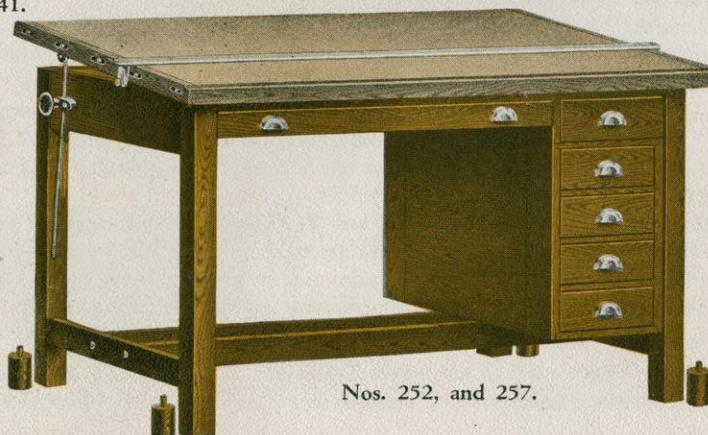
The 4-Post Table on the right is made as shown, only in the 36" x 60" size.

## 36" x 60" Size Tables

Table No. 252, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $10\frac{1}{2}"$  x  $27\frac{1}{4}"$  inside; large Shallow Drawer  $2"$  x  $27\frac{1}{4}"$  x  $37\frac{1}{8}"$  inside; 4-Drawer Unit has drawers  $3\frac{9}{16}"$  x  $10\frac{1}{4}"$  x  $23"$  inside.

Table No. 257, solid top, same drawers as above.

SHIPPING WEIGHT : 240 lbs.



Nos. 252, and 257.

The illustration at the left shows the plain 4-Post Table without drawers. These tables are listed as follows:

## 36" x 60" Size Tables

Table No. 250-A, adjustable top. Table No. 255-A, solid top.  
SHIPPING WEIGHT : 155 lbs.

## 36" x 72" Size Tables

Table No. 220, adjustable top. Table No. 225, solid top.  
SHIPPING WEIGHT : 165 lbs.

## 42" x 84" Size Tables

Table No. 230, adjustable top. Table No. 240, solid top.  
SHIPPING WEIGHT : 225 lbs.



Nos. 251, 256, 221, 226, 230-A, and 240-A.

The illustration at the left shows the 4-Post Table with one Tool Drawer and large Shallow Drawer.

## 36" x 60" Size Tables

Table No. 250, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $10\frac{1}{2}"$  x  $27\frac{1}{4}"$  inside; large Shallow Drawer  $2"$  x  $27\frac{1}{4}"$  x  $37\frac{1}{8}"$  inside.

Table No. 255, solid top, same drawers as above.

SHIPPING WEIGHT : 170 lbs.

## 36" x 72" Size Tables

Table No. 221-A, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $17\frac{5}{8}"$  x  $24"$  inside; large Shallow Drawer  $2"$  x  $25"$  x  $41\frac{7}{8}"$  inside.

Table No. 226-A, solid top, same drawers as above.

SHIPPING WEIGHT : 195 lbs.

## 42" x 84" Size Tables

Table No. 231, adjustable top, Tool Drawer  $3\frac{3}{4}"$  x  $20\frac{1}{8}"$  x  $32"$  inside; large Shallow Drawer  $2"$  x  $32"$  x  $50\frac{3}{8}"$  inside.

Table No. 241, solid top, same drawers as above.

SHIPPING WEIGHT : 265 lbs.



# Hamilton 4-Post Drawing Tables Nos. 220 to 258

— Continued



Nos. 253, and 258.

The table shown on the right is equipped with No. 37-K, or 32-K Unit.

## 36" x 72" Size Tables

Table No. 222, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x  $17\frac{7}{8}$ " x 25" inside; one Shallow drawer 2" x 25" x  $37\frac{5}{8}$ " inside. Table No. 227, solid top, same drawers as above. SHIPPING WEIGHT : 245 lbs.

## 42" x 84" Size Tables

Table No. 232, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x 20" x 32" inside; one Shallow drawer 2" x 32" x  $42\frac{1}{4}$ " inside. Table No. 242, solid top, same drawers as above. SHIPPING WEIGHT : 305 lbs.

Table No. 235, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x  $17\frac{7}{8}$ " x 25" inside; one Shallow drawer 2" x 25" x  $37\frac{5}{8}$ " inside. Table No. 245, solid top, same drawers as above. SHIPPING WEIGHT : 320 lbs.



Nos. 222, 227, 232, 242, 235, and 245.

The table on the left is equipped with 37-M or 32-M Unit.

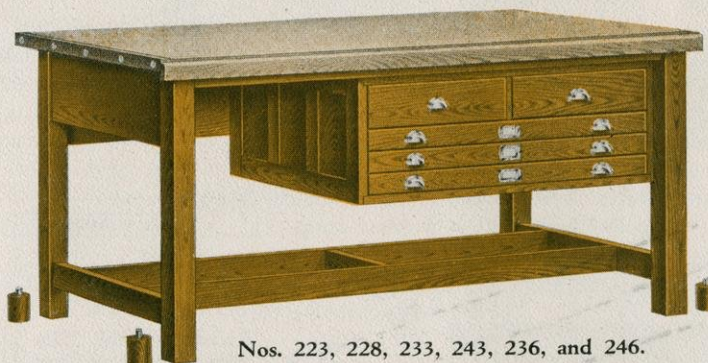
## 36" x 72" Size Tables

Table No. 223, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x  $17\frac{7}{8}$ " x 25" inside; three Shallow drawers 2" x 25" x  $37\frac{5}{8}$ " inside. Table No. 228, solid top, same drawers as above. SHIPPING WEIGHT : 310 lbs.

## 42" x 84" Size Tables

Table No. 233, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x 20" x 32" inside; three Shallow drawers 2" x 32" x  $42\frac{1}{4}$ " inside. Table No. 243, solid top, same drawers as above. SHIPPING WEIGHT : 370 lbs.

Table No. 236, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x  $17\frac{7}{8}$ " x 25"; three Shallow drawers 2" x 25" x  $37\frac{5}{8}$ " inside. Table No. 246, solid top, same drawers as above. SHIPPING WEIGHT : 350 lbs.



Nos. 223, 228, 233, 243, 236, and 246.

The table shown on the right is equipped with 37-K and C Units, or 32-K and C Units.

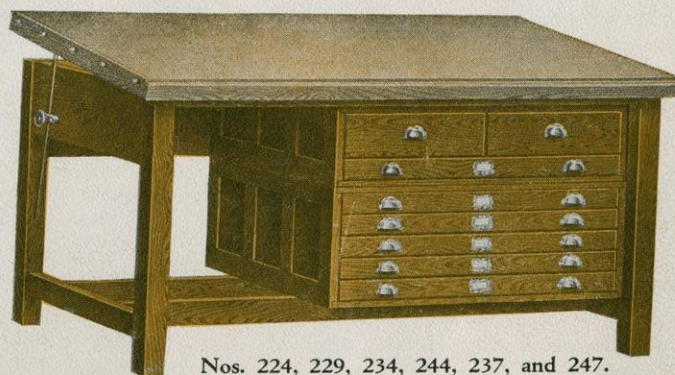
## 36" x 72" Size Tables

Table No. 224, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x  $17\frac{7}{8}$ " x 25" inside; six Shallow drawers 2" x 25" x  $37\frac{5}{8}$ " inside. Table No. 229, solid top, same drawers as above. SHIPPING WEIGHT : 360 lbs.

## 42" x 84" Size Tables

Table No. 234, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x 20" x 32" inside; six Shallow drawers 2" x 32" x  $42\frac{1}{4}$ " inside. Table No. 244, solid top, same drawers as above. SHIPPING WEIGHT : 425 lbs.

Table No. 237, adjustable top, two Tool drawers  $3\frac{3}{4}$ " x  $17\frac{7}{8}$ " x 25" inside; six Shallow drawers 2" x 25" x  $37\frac{5}{8}$ " inside. Table No. 247, solid top, same drawers as above. SHIPPING WEIGHT : 390 lbs.



Nos. 224, 229, 234, 244, 237, and 247.



# Hamilton Detailers Table No. 250-B

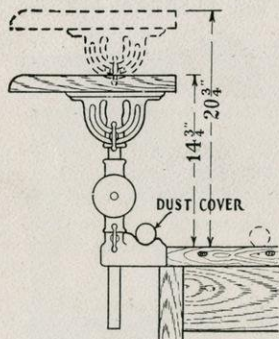
— with Reference Bank



*See B1P # 23189B  
for special  
2 drawer unit.*

**PURPOSE :** Hamilton Detailers Table No. 250-B was designed to be an efficient aid to the draftsman, detailer, or designer.

**THE REFERENCE BANK :** The reference bank is 65 inches long, and 15½ inches wide. It has a rim on the front and ends 1½ inches high inside. The bank is of oak, the same as the balance of the table, and similarly finished. Being placed at the back of the table, it is out of the way, and still is accessible, and adjustable as to position for holding reference material, etc. used by the draftsman.



Reference Bank Raises 6".

The bank can be lowered to 14¾" from the drawing board, and raised to 20¾" from the board.

The cut at the left and the one at the right shows the manner in which the reference bank is adjustable in height, position, and angle.

The cut in the lower center of this page shows the large installation of these tables. As will be seen by the cut above, the drawing board can be also tilted to any desired angle. It is fitted with our regular tilting device No. 268.

**HOW SHIPPED :** The table is shipped knocked down to reduce freight charges and complete instructions are furnished with each table for setting up.

The mechanism which holds the bank has three separate adjustments, namely: The upper part slides up and down in the casting, six inches; the center part allows the bank to be tipped forward and is held in place by a hand-wheel; the bank can also be tilted from a horizontal position to any angle desired by means of a semi-circular adjustment head.

**THE DUST COVER :** This table is also equipped with our drawing table Dust Cover, which, when rolled back, rests in a round notch in each casting.

**DIMENSIONS :** Drawing Board

Top, 36" x 60"; Height 34"; Raising

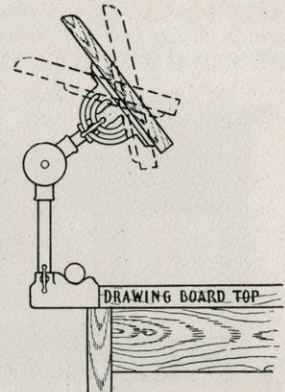
Blocks to increase height are 3" high. The Reference Bank is 1½" deep, 14¾" wide, and 63½" long inside.

The Tool Drawer is 3¾" x 10½" x 27¼" inside, and has a Sliding Tool Tray No. 117. See page 32. The shallow drawer is 2" x 27¼" x 37⅛" inside.

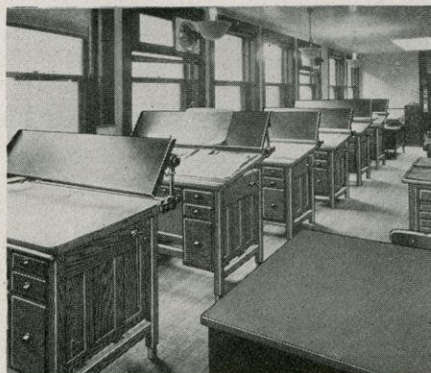
**MATERIAL AND FINISH :** Top is of selected pine with oak cleats on ends, finished with one coat varnish, sanded smooth. Body of table and Reference Bank of oak, light golden oak finish.

**SHIPPING WEIGHT :** 250 lbs.

**HOW SHIPPED :** Knocked down.



Reference Bank Tilts Forward to Any Slant.



Showing an installation of the above tables,  
The American Blowers Corp.



## Hamilton Drawing Table Dust Cover Nos. 219-A to 219-S



Showing Dust Cover rolled forward for protection.

unnecessary as the curtain or cover prevents the dust from settling on the table.

This dust cover is made in all sizes, for any table or drawing board listed in this catalog. It is numbered from 219-A to 219-S. See loose price list for the numbers and sizes in which it is listed.

Order one of these dust covers on the new tables you are ordering; or it can be installed by anyone.

This drawing table dust cover is very efficient, yet very simple. It consists of a long dowel or roller on which is rolled the black water-proofed cloth. When not in use the roller and cloth is rolled to the back of the table and rests in brackets provided for that purpose. Every draftsman knows that when he arrives at his table in the morning, or after a day or more's absence, that it is very necessary to thoroughly dust his working surface, and its contents. This device makes this



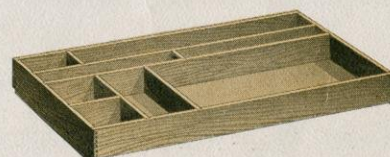
Rear View.

## Hamilton Tool Trays Nos. 117, 124 and 129



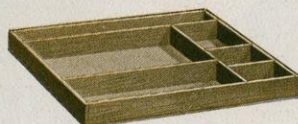
Tool Tray No. 124.

Tool Tray No. 117 is furnished in the tool drawer of our 4-Post Drawing Tables No. 250 to 258. Tool Tray No. 124 is furnished in the right tool drawer of our oak Planfile Units No. 32-K and 32-M, and Tool Tray No. 129 is furnished in Units Nos. 37-K and 37-M.



Tool Tray No. 129.

Tool Trays Nos. 124 and 129 are also furnished in our 4-Post Tables Nos. 140 to 155, and 220 to 249, wherever units Nos. 32-K or M or 37-K or M are specified. The large compartment in each tray is for the instrument case, the long compartments are for scales, rules, etc., the small compartments are for small material, such as thumb tacks, etc.



Tool Tray No. 117.

**DIMENSIONS:** No. 117 Tool Tray is 10-7/16" wide, 14 1/2" long, and 1-11/16" high outside.

No. 124 Tool Tray is 9" wide, 20" long, and 2" high outside.

No. 129 Tool Tray is 9" wide, 17 1/2" long, and 2" high outside.

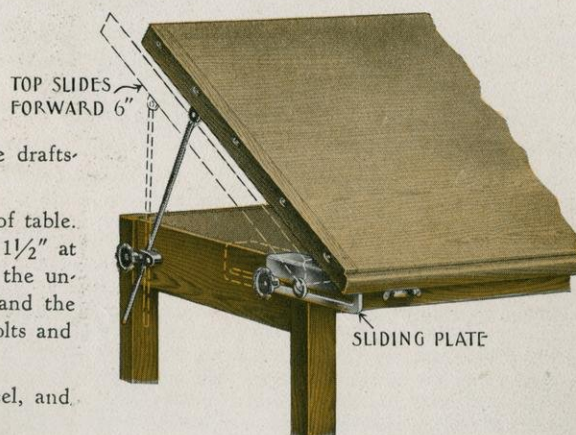
**MATERIAL AND FINISH:** Made of bass-wood, finished natural.

## Hamilton Sliding Top Attachment No. 269

This attachment can be installed on any 4-Post Drawing Table, except Nos. 140 to 155. It permits the top to be drawn forward six inches from its normal position. The top can be tilted to any angle as the sliding plate is hinged where it is fastened to the top. This device does not interfere with the Tilting Device at the rear as will be seen in the illustration. This device gives more knee room for the draftsman and consequently more freedom of movement.

The sliding plates are first laid on ends of table frame, flush with front of table. The top is then laid on table frame and plates, with the top projecting 1 1/2" at the front, and with the ends of top projecting equally. Then mark on the underside of top the position of the hinges. The top is then removed and the hinges fastened to the top. The top is then laid on table frame and bolts and hand-wheels screwed in position on table frame.

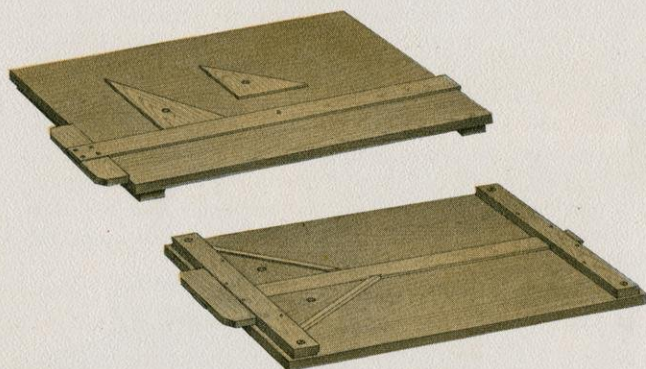
**MATERIAL AND FINISH:** The sliding plate is of heavy gauge steel, and the hand wheels are of cast iron. The finish is black enamel.





# Hamilton Drawing Boards

## Drawing Kits Nos. 126 to 128



The above illustrations show the top and bottom sides of our School Drawing Kits Nos. 126, 127, and 128.

The drawing surface is of soft wood and the triangles and Tee Squares are made of birch. All are well made.

Dimensions and Weights		
No. 126—10" x 12"		3 lbs.*
No. 127—13" x 19"		4 lbs.
No. 128—17" x 22"		5 lbs.

\* Weights given are average weight per kit lots of 48.

## Drawing Boards Nos. 300 to 322

Style "B"

3/4-inch Boards with Hardwood Cleats on Back



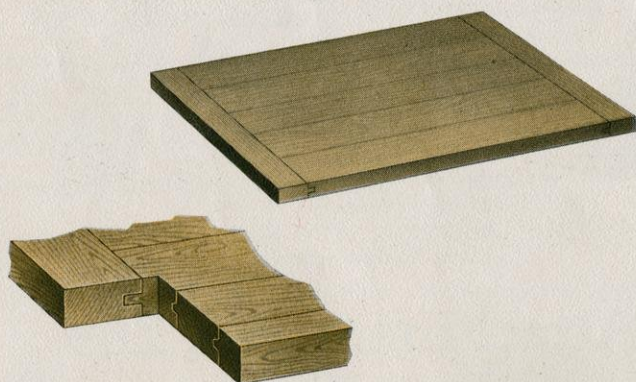
Pine			Basswood		
No. 300—12" x 17"	x 3/4"	10 lbs.†	No. 315—12" x 17"	x 3/4"	
No. 301—16" x 21"	x 3/4"	12 lbs.	No. 316—16" x 21"	x 3/4"	
No. 302—16" x 22"	x 3/4"	12 lbs.	No. 317—16" x 22"	x 3/4"	
No. 303—18" x 24"	x 3/4"	13 lbs.	No. 318—18" x 24"	x 3/4"	
No. 304—20" x 24"	x 3/4"	14 lbs.	No. 319—20" x 24"	x 3/4"	
No. 305—20" x 26"	x 3/4"	15 lbs.	No. 320—20" x 26"	x 3/4"	
No. 306—23" x 31"	x 3/4"	20 lbs.	No. 321—23" x 31"	x 3/4"	
No. 307—24" x 36"	x 3/4"	21 lbs.	No. 321X-24" x 36"	x 3/4"	
No. 308—31" x 42"	x 3/4"	24 lbs.	No. 322—31" x 42"	x 3/4"	

† Weights given are average weight per board in lots of 25.

## Drawing Boards Nos. 270 to 294

Style "A"

3/4-inch Boards with Cleated Ends, Two Drawing Surfaces.



These drawing boards are made in sizes suitable for schools as well as for professional use. They are made of 3/4-inch stock and are tongued and grooved as the illustrations show, and with end cleats to strengthen the board. All of the boards which we manufacture are made with a tongue and groove construction

Pine			Basswood		
No. 270—12" x 17"	x 3/4"	4 lbs.†	No. 285—12" x 17"	x 3/4"	
No. 271—16" x 21"	x 3/4"	4.5 lbs.	No. 286—16" x 21"	x 3/4"	
No. 272—16" x 22"	x 3/4"	4.5 lbs.	No. 287—16" x 22"	x 3/4"	
No. 273—18" x 24"	x 3/4"	5.5 lbs.	No. 288—18" x 24"	x 3/4"	
No. 274—20" x 24"	x 3/4"	6.2 lbs.	No. 289—20" x 24"	x 3/4"	
No. 275—20" x 24 1/2"	x 3/4"	6.3 lbs.	No. 290—20" x 24 1/2"	x 3/4"	
No. 276—20" x 26"	x 3/4"	6.5 lbs.	No. 291—20" x 26"	x 3/4"	
No. 277—23" x 31"	x 3/4"	8 lbs.	No. 292—23" x 31"	x 3/4"	
No. 278—24" x 36"	x 3/4"	9.5 lbs.	No. 293—24" x 36"	x 3/4"	
No. 279—31" x 42"	x 3/4"	10 lbs.	No. 294—31" x 42"	x 3/4"	

† Weights given are average weight per board in lots of 50.

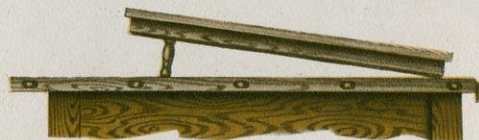
## Inclined Drawing Boards Nos. 298 and 299



These boards are used by draftsmen and artists who do not desire to use the entire surface of their table for drawing purposes.

This leaves the greater part of the table available for materials, etc., without interfering with the drawing surface.

The lower illustration shows the angle at which the boards will rest.



**DIMENSIONS:** Inclined Board No. 298 is 24" x 36". Inclined Board 299 is 31" x 42".

**MATERIAL AND FINISH:** Made of selected white pine, with heavy cleats underneath fastened with screws and washers which allow for expansion and contraction. They are finished with one coat varnish on both sides sanded smooth.

**SHIPPING WEIGHT IN CARTON:** No. 298, 25 lbs. No. 299, 35 lbs.



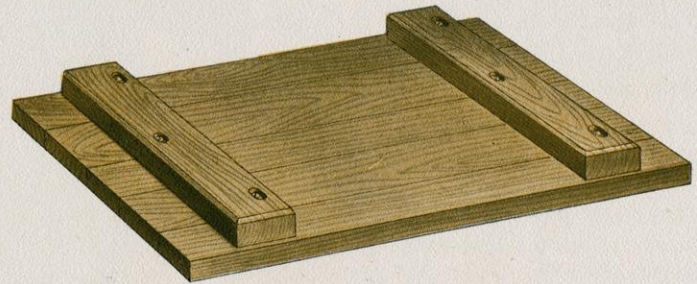
# Hamilton Drawing Boards Nos. 330 to 351

Approximate Average  
Weight per Board  
in Lots of 6

Pine	
No. 330—36"x48"x1-1/16"	42 lbs.
No. 331—36"x54"x1-1/16"	47 lbs.
No. 332—36"x60"x1-1/16"	55 lbs.
No. 333—36"x72"x1-1/16"	60 lbs.
No. 334—42"x60"x1-1/16"	70 lbs.
No. 335—42"x72"x1-1/16"	75 lbs.
No. 336—48"x72"x1-1/16"	80 lbs.

Basswood	
No. 345—36"x48"x1-1/16"	42 lbs.
No. 346—36"x54"x1-1/16"	47 lbs.
No. 347—36"x60"x1-1/16"	55 lbs.
No. 348—36"x72"x1-1/16"	60 lbs.
No. 349—42"x60"x1-1/16"	70 lbs.
No. 350—42"x72"x1-1/16"	75 lbs.
No. 351—48"x72"x1-1/16"	80 lbs.

## Style "D"

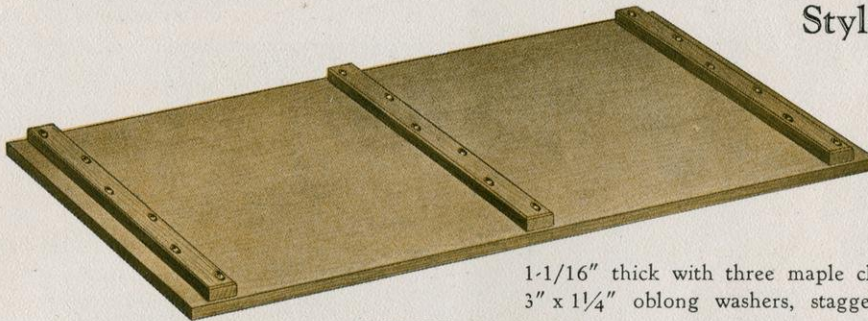


Style "D"

1-1/16" boards with 3" x 1 1/4" maple cleats and oblong washers, staggered.

# Hamilton Drawing Boards Nos. 360 to 367

## Style "E"



Style "E"

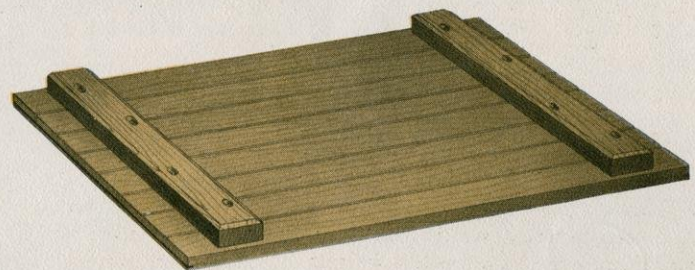
1-1/16" thick with three maple cleats  
3" x 1 1/4" oblong washers, staggered.

Pine	Average Weight each
No. 360—42"x84"x1-1/16"	140 lbs.
No. 361—48"x84"x1-1/16"	155 lbs.
No. 362—48"x96"x1-1/16"	165 lbs.

Basswood	Average Weight each
No. 365—42"x84"x1-1/16"	140 lbs.
No. 366—48"x84"x1-1/16"	155 lbs.
No. 367—48"x96"x1-1/16"	165 lbs.

# Hamilton Drawing Boards Nos. 370 to 381

## Style "I"



Style "I"

These boards are made up of 1" stock, finishing about 13/16" up to and including size 31" x 42".

Larger sizes are made from 1 1/4" stock which will finish about 1-1/16".

Any boards larger than 72" are made with three hardwood cleats on the back.

Contraction and expansion are guarded against by screws through cleats in slotted washers.

There is also a series of grooves cut in the back of the board to take the transverse strength out of the wood.

To insure a perfectly smooth working edge, a strip of hardwood is fitted into the edge of the board and the strip is sawed apart at intervals to allow for contraction.

Made of selected clear white pine only, in sizes listed below.

Approximate Weight each		
	1 to crate	6 to crate
No. 370—23"x31"x3/4"	—2 cleats on back	40 lbs.
No. 371—31"x42"x3/4"	—2 cleats on back	50 lbs.
No. 372—36"x48"x1-1/16"	—2 cleats on back	65 lbs.
No. 373—36"x55"x1-1/16"	—2 cleats on back	70 lbs.
No. 374—36"x60"x1-1/16"	—2 cleats on back	85 lbs.
No. 375—36"x72"x1-1/16"	—2 cleats on back	105 lbs.

Approximate Weight each		
	1 to crate	6 to crate
No. 376—42"x60"x1-1/16"	—2 cleats on back	110 lbs.
No. 377—42"x72"x1-1/16"	—2 cleats on back	115 lbs.
No. 378—48"x72"x1-1/16"	—2 cleats on back	135 lbs.
No. 379—42"x84"x1-1/16"	—3 cleats on back	140 lbs.
No. 380—48"x84"x1-1/16"	—3 cleats on back	160 lbs.
No. 381—48"x96"x1-1/16"	—3 cleats on back	175 lbs.



# Hamilton Parallel Rule Attachment No. 46

## Without Parallel Rule

This attachment consists of the necessary pulleys, cord, clamps, etc., for fastening to underside of board, and to straight edge.

A feature of this attachment is that the straight edge can be removed for cleaning or other purposes and replaced without changing its original alignment. This is done by loosening the thumb nut on the cord clamp, and then lifting the straight edge.

This attachment is easy running and accurate, as we use no springs for the tension.

The straight edges must be ordered independently, by number and size of board, as listed on next page.

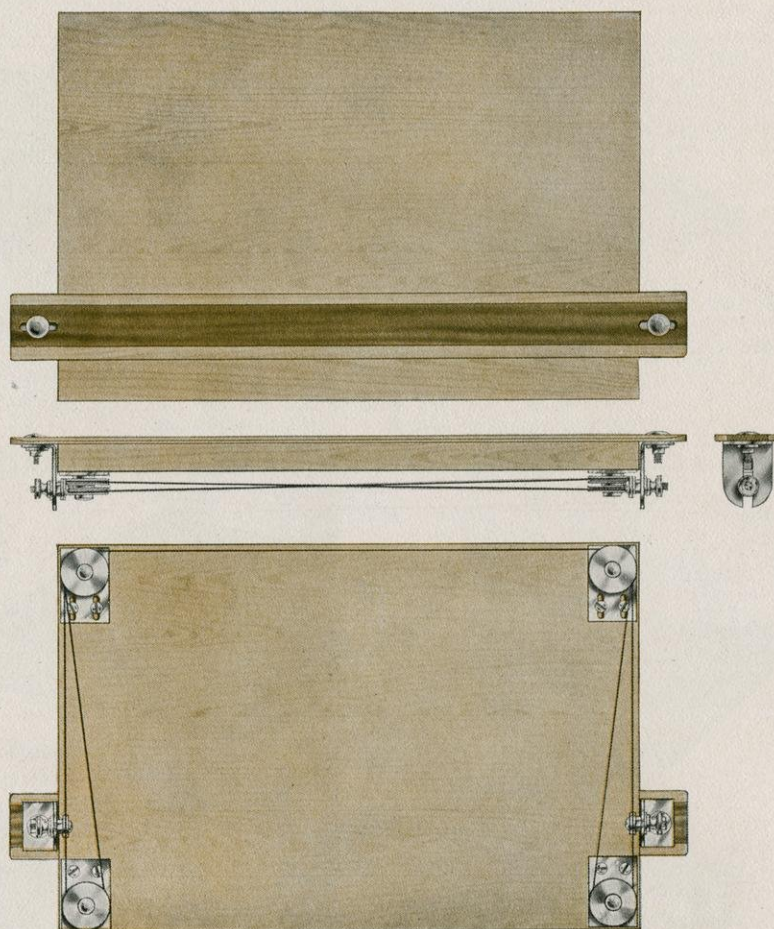
## Instructions for Assembling Hamilton Parallel Rule Attachment No. 46

Fasten the two single-pulley plates to front corners of underside of board, and the two double-pulley slotted plates to rear corners, so that the screws are nearest to the pulleys. All four plates should be placed  $\frac{1}{8}$ " from edge of board.

Now start the cord at pulley F and run back inside of and around pulley A, then to pulley B, around pulley C, over to inside of and around pulley D, then back to pulley E and tie the two ends of cord together securely. The knot in cord should then be in center of rear of board.

The two double-pulley plates are slotted for the screws and act as adjusters for the cord, eliminating the necessity of a spring for the tension, which is not advisable if accuracy is desired.

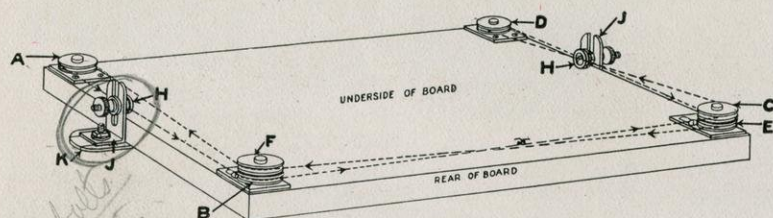
When adjusting tension of cord, move either plate outward until desired tension is obtained and turn screws tight.



Now take the two clamps H without the plates J and tighten to outside cord with the hexagonal nut so that they are about in center of end of board and equal distance from the front.

Assemble straight edge K with plates J on underside and slip J over the bolt of H. If the clamps H are in such a position that the rule is now parallel with front of board, then tighten the thumb nuts on H and rule will now move up or down and retain its parallel position.

Please note that this attachment is so designed that the straight edge may be removed for cleaning by loosening the thumb nut on the clamps H, then replaced exactly as before, without any adjustments being necessary, to make straight edge line up with lines previously drawn.



## Straight Edges for Parallel Rule Attachment

Straight Edge No. 57 with Mahogany Center and Maple Edges.

Straight Edge No. 58 with Maple Center and Celluloid Edges.

Above made for the following size boards: 42", 48", 54", 60", 72", 84" and 96". (Specify size of board.)



## Hamilton Typewriter Tables Nos. 5983 and 5991

The Hamilton Typewriter Table is designed right; it is light, strong and rigid—well made of good materials.

The height is  $26\frac{1}{2}$ ", which is standard height for the most convenient operation of the typewriter, and there is ample leg room underneath.

It is made and shipped knocked down, and is very easily put together with bolts and wing nuts.

This table is a standard table supplied by



No. 5983 Typewriter Table—Oak.

**MATERIAL AND FINISH:** No. 5983 table is of oak, antique finish; No. 5991 table is of birch, mahogany finish.

**SHIPPING WEIGHT:** 33 lbs.

**HOW SHIPPED:** Shipped knocked down in cartons.

the largest typewriter manufacturers and supply houses throughout the country.

They are packed and shipped singly in heavy corrugated cardboard cartons as shown in the illustration. This lowers the packing and handling charges at the point of distribution, which, of course, reduces the price to the consumer.

**DIMENSIONS:** One drawer  $10\frac{1}{4}$ " x  $14\frac{3}{4}$ " x  $1\frac{1}{2}$ " inside; one slide  $10\frac{3}{8}$ " x 13"; table width 34", depth 18", height  $26\frac{1}{2}$ "



Typewriter Table, showing the detachable legs, knocked down for shipment.



Typewriter Table packed in carton ready for shipment.

## Hamilton Wooden Horses Nos. 180 to 182



Wooden Horses Nos. 180 and 181.

**DIMENSIONS:** The plain horse No. 180 is 38" long and 37" high; No. 181 with sloping top is  $37\frac{7}{8}$ " high at the front and  $39\frac{1}{2}$ " high at the back.

No. 182 with adjustable top has a minimum height of 39" when level and maximum height of 50". When used on a slant it has a minimum height of 37" at the front and 52" at the back. When it is desired to use the adjustable horse at a horizontal height of 37", the adjustable device is simply removed.

**MATERIAL AND FINISH:** Made of hardwood, finished natural.

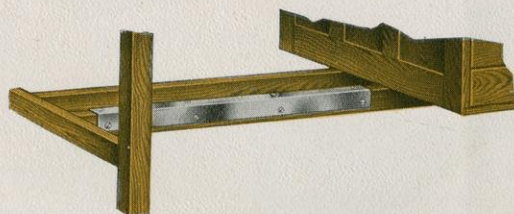
**SHIPPING WEIGHT:** No. 180, 32 lbs.; No. 181, 35 lbs.; No. 182, 40 lbs.

**SHIPPED:** Knocked down, one pair in carton.



Wooden Horse No. 182.

## Hamilton Foot Rail Protector No. 15



Hamilton Foot Rail Protector No. 15

This is designed to protect the foot rail on any 4-Post Drawing Table. It will prevent the foot rail from being worn down and the finish worn off from constant wear of the draftsman's feet.

It is made of angle brass 36 inches long, of 16 gauge material. It is made 2 inches high on the front and  $1\frac{1}{2}$  inches wide on the top. It is bored for eight small brass screws.

It can be attached to any 4-Post Table Foot Rail with a screw driver. It is placed in the center of the knee room, or where the feet would be most likely to rest on the foot rail. As it is made of brass, it will always look well. No finish to wear off.



# Hamilton Steel Sectional Art File

## 2436 Line



Combination No. 439 (Small Units).

Cap  
No. 1835Card  
File  
Unit  
No. 1840Vertical  
Drawer  
Unit  
No. 1860Horizontal  
Drawer  
Unit  
No. 1830Base  
No. 1837

These sectional art file cabinets were designed for efficient and economical filing of all kinds of art work, but principally for commercial art such as wash drawings, line drawings, photographs, designs, etc.

The old system whereby drawings of all kinds were filed in flat drawers, regardless of classification or size, should be a thing of the past.

The horizontal drawer unit No. 1830 has five drawers 25" x 37" x 2" inside, and will file drawings 24" x 36" or smaller; but are primarily intended for regular full sheet illustration board 23" x 29" or similar sizes. Each drawer has a dust cover of black coated canvas which fastens at the front. This protects the drawings. See illustration Style A drawer.

The vertical drawer unit No. 1860 has four drawers which can be had in style F, G, or H. See illustrations. We recommend two style F drawers, one style G and one style H drawer to each unit.

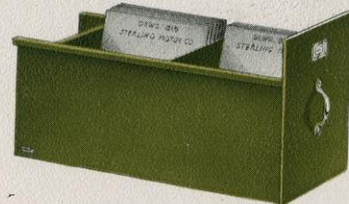
Style F drawers will take drawings 14½" x 23" or one-half of regular 23" x 29" sheet, filed vertically.

Style G drawer has two compartments and will take drawings 11½" x 14½" or one-fourth sheet.

Style H drawer will take drawings 7¼" x 11½" or one-eighth sheet, and has three compartments with removable partitions.

Style F drawer will hold about 150 drawings made on four ply illustration board, or proportionately less on thicker stock, or more on thinner stock.

The card file unit No. 1840 has five card drawers which take cards 3" x 5" or 4" x 6". These file cards, of course, are for use in connection with the art work filed in the drawers.

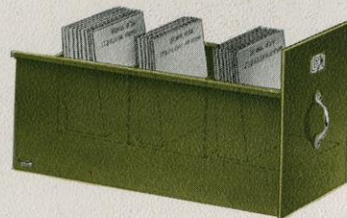


Style G Drawer.

The drawings are to be numbered in a convenient place for easy reference. The upper right corner on drawings filed in the vertical drawers, and the lower right corner on drawings filed in the horizontal drawers. Both drawings and file to contain the necessary information about drawings, subject, ownership, catalog number, etc. One card file unit will care for many drawer units and contents. As illustrated, all drawers in this system have labeled holders. Any number of units may be placed in stacks or tiers.



Style F Drawer.



Style H Drawer.

**MATERIAL AND FINISH:** Cold rolled furniture steel, with olive green baked enamel finish.

Dimensions			
Unit	Width, 40⅞"; Depth, 28½"	Height	Shipping Weight
Base Unit No. 1837		4" high	40 lbs.
Horizontal 5-Drawer Unit No. 1830		15⅜" high	214 lbs.
Vertical 4-Drawer Unit No. 1860		17⅝" high	214 lbs.
Card File 5-Drawer Unit No. 1840		7-11/16" high	130 lbs.
Cap Unit No. 1835		1-1/16" high	40 lbs.

Style "A" drawers are 25" x 37" x 2¼" inside.

Style "F" drawers are 7¾" wide, 15¼" high and 24" long inside.

Style "G" drawers are the same as style "E" but have a center partition.

Style "H" drawers have three compartments and are 11¾" high inside.



Style A Drawer.



# Hamilton Ideal-Universal Artists Tables Nos. 157-A, 158-A

This new artist table is, as the name implies, universal in its adaptability to all kinds of art work; including commercial art, pictorial, sign writing, sign painting, etc.

**THE SLIDING TOP:** It has a new feature which, to our knowledge has never before been used on an artists table. The top is braced with steel channel cleats, which slide in a steel channel suspension on the table frame. The Sliding Top is held in any position by a hand-wheel which holds it firmly when tightened. See fig. 17 page 19.

**TOP ADJUSTMENT:** When the hand-wheel is loosened, the top will slide forward 10 inches from its normal position; or 15 inches backward from normal position; a total of 25 inches adjustment.

When the large star-wheel at the base is loosened, the table frame has a vertical adjustment of 10 inches. See fig. 12, page 19. The maximum height of the table when level is 42 inches; and the minimum height is 32 inches.

When the top is tilted vertically, it has a vertical adjustment of 30 inches. The minimum height from floor to top of board is 42 inches for Table No. 157-A, and 46 inches for Table No. 158-A. The maximum height is 72 inches for Table No. 157-A and 76 inches for Table No. 158-A. Of course, only 10 inches of this adjustment is in the table

frame. The balance is due to the Sliding Top feature.

This table is very rigid and strong at any height. This is due to the construction of the adjustable parts. When the upper clamp is tightened, the rod running through the table draws the frame together. This is also true of the lower star-wheel tightener. The rods running through the table draws the entire frame together, absolutely eliminating any play or looseness in the frame work.

The Steel Channels which are fastened to the underside of the top have oblong slots for the screws.



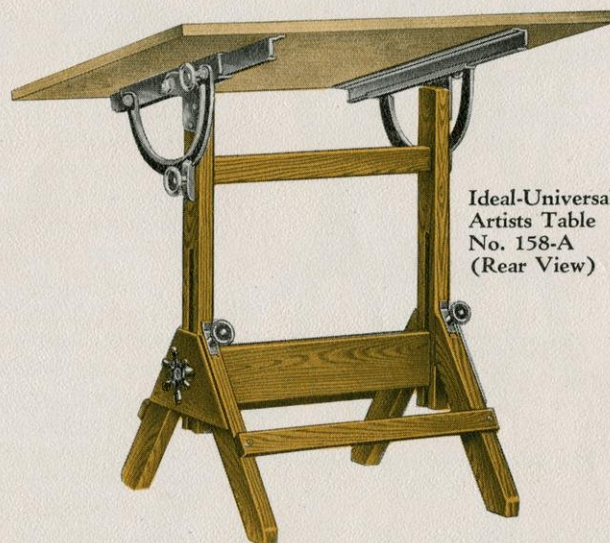
Fig. 2

This construction allows for contraction and expansion of the top, therefore it will not warp or split.

Figure 1 above shows the table raised to its maximum height for standing height easel working. This is for oil painting, sign painting, etc. For this work we furnish a steel ledge or shelf for holding the oil painting or illustration board, and the materials used such as tubes, brushes, etc.



Fig. 4



Ideal-Universal  
Artists Table  
No. 158-A  
(Rear View)

This ledge or shelf can be pushed back out of the way when not in use.

Figure 2 shows the top tilted vertically and lowered for sitting height easel working.

Figure 3 shows the table lowered and drawn forward for commercial art, sign writing, show card work, etc.

Figure 4 shows the table adjusted for commercial art and used in connection with our Artist Auxiliary Table No. 192.

In addition to the above, this table is equally useful for the draftsman, designer, architect, etc.

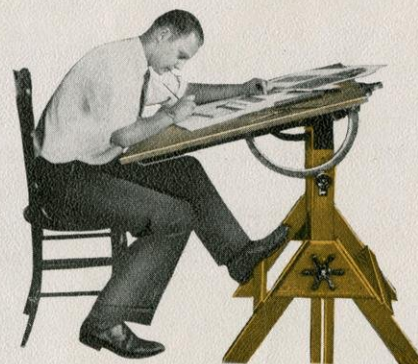


Fig. 3

**DIMENSIONS:** Table No. 157-A, top 24" x 32"; Height 32" to 42" when level. Height when tilted vertically 42" to 72".

Table No. 158-A, top 31" x 42"; Height 32" to 42" when level. Height when tilted vertically 46" to 76".

**MATERIAL AND FINISH:** Top of selected soft wood, varnished on both sides and sanded smooth on top. Frame of hard wood, finished natural. All metal parts and hardware are black enameled.

**HOW SHIPPED:** Shipped knocked down.

**SHIPPING WEIGHT:** No. 157-A, 60 lbs. No. 158-A 85 lbs.

Tool Cabinet No. 161 can be attached to this table at slight extra cost. See page 23.



## The Bart Combination Drawing Table No. 185



The Bart Combination Drawing Table

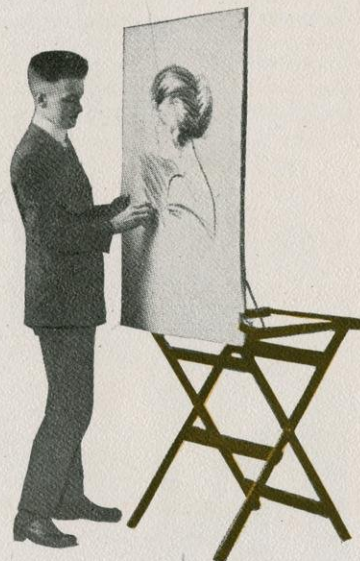
The Bart Combination Table will meet every requirement of the commercial artist or draftsman, and is also available for any use to which a small drawing table may be put in the home or the school.

The top is adjustable as to slant.

The working surface is adjustable in height from 30 to 37 inches by changing the position of the legs.

This table is built light but strong, and the special feature of this table is that it holds the drawing surface in an upright position for poster work, pastels, oil painting, or public presentation in lecture work, instruction or entertainment.

A special feature of this table is the provision for revolving the drawing board by the use of a special swivel bolt. The small lugs for supporting the ordinary drawing board are, of course, first removed. The bolt is then put through the center of the drawing board which will be flush on the working side. The bolt is then pushed through one of the holes in the tilting top and a nut is put on the underside.



In Chalk Talk Use or as an Easel

This swivel feature will be appreciated by commercial artists.

The table is furnished without drawing board, but any board up to 24" x 36" can be used.

DIMENSIONS.....	Width, 24"; depth, 24"; height, from 30" to 37".
MATERIAL AND FINISH.....	Made of birch, finished natural.
SHIPPING WEIGHT .....	20 lbs.
HOW SHIPPED.....	Shipped knocked down, in carton.

## Hamilton Artists Auxiliary Table Nos. 192, 193

No. 192 without Glass Top. No. 193 with Plate Glass Top.

This little cabinet table was designed especially for the use of artists who need a convenient receptacle for their materials, such as water, colors, brushes, paper, illustrations, etc.

No. 193 Table has a plate glass top 15" x 16 $\frac{3}{4}$ ", with the front edge rounded. This glass top can be used as a palette, if desired. When water or colors are spilled on it, it can be very easily cleaned, and it protects the table top.

The slide shown on the left can also be pulled out on the right, but it has an automatic stop which prevents it from being entirely withdrawn.

The drawers are useful for storage of materials, tools, etc. The shelf beneath is handy for miscellaneous articles which can not be placed where space is needed for working. The top has a rim 1" high on sides and back to keep articles from falling off. Equipped with metal shoes under the legs for easy moving.

A well made article at a low price, but not to be compared with the cheap tables, put on the market to sell at a low price but of flimsy construction.

Artists who use the Hoffman Stands, Ideal-Universal, Bart Table or Iron Base artists tables in connection with the Auxiliary Table will find that it is a splendid combination.

DIMENSIONS: One drawer 13 $\frac{1}{2}$ " wide; 15" deep, 3 $\frac{1}{2}$ " high inside, and one drawer 4 $\frac{1}{2}$ " high inside. Top 15" x 16 $\frac{3}{4}$ " inside. Table is 16" wide; 17 $\frac{1}{8}$ " deep; and 25 $\frac{1}{4}$ " high.

MATERIAL AND FINISH.....	Made of birch, finished natural.
SHIPPING WEIGHT .....	No. 192, 80 lbs. No. 193, 90 lbs.
HOW SHIPPED .....	Shipped set up.

For Prices see loose price list.



Artists' Auxiliary Table No. 193





The photo above shows the table in actual use. Note that there is ample leg room under the table.

The slide can also be pulled out to hold copy or other material.

When desired, Hamilton Auxiliary Artists Table No. 192 may be used in connection with this table.

Hamilton Artists Furniture is famous for its quality, and Hamilton Drafting Room Furniture is the largest line in the world. Ask for catalog No. 7.



**\$10.00**

**Hamilton Artists Table 194**  
With Drawing Board 18" x 24"

## Hamilton Artists Table No. 194

THIS new artists table is adaptable to almost any kind of art work including commercial art, and sign writing. It has a removable and interchangeable drawing board 18" x 24". As will be seen in the illustration this table has a flat space at the right of the drawing board for the artist's materials. The table is strong and rigid, and made of hardwood, and as will be seen in the photo, there is ample leg room underneath.

The tilting supports are interchangeable with longer ones when a greater slant to the drawing board is wanted than that shown in the cut.

Although the drawing board is instantly removable, when once in place, it will not move or slip on the table top.

This table has a drawer for materials with a compartment in front for brushes. It also has a slide at the right.

One of the big features of this table is its low price. Never before have you been able to obtain an artists table of this quality at this price.

### DIMENSIONS

Width, 32"; Depth, 18"; Height, 26½". Drawing Board 18" x 24". One drawer 10¼x14½x1½" inside. One slide 10½x12".

Made of Oak and Elm with a light oak wax finish.





Table No. 194-A shown with Auxiliary Table No. 192

## Hamilton Artists Table No. 194-A

The photo above and the illustration on the right show Table No. 194-A. This table is the same as Table No. 194 except that the drawing board is larger, being 23 x 31". The board however is instantly interchangeable with the smaller 18 x 24" board when desired.

The tilting supports are rigid and when board is in place on the table, it will not move or slip. This table is shown above in connection with Hamilton Auxiliary Table No. 192.



\$11.00

Hamilton Artists Table 194-A  
With Drawing Board 23" x 31"

# HAMILTON ARTISTS TABLE No. 194

HAMILTON-ECONOMY



## Hamilton Artists Tables Nos. 207 to 208-A

No. 207 with Rear Shelf. No. 208 without Rear Shelf  
 No. 207-A with Rear Shelf and Swing Drawer and Tray No. 120  
 No. 208-A with Swing Drawer and Tray No. 120—No Shelf

This table is adjustable with a hand-wheel, and rack and pinion movement. Both raising and lowering are done by the hand-wheel, as it has a friction clutch which holds table in any position.

The top can be revolved at any height, as the entire top above the base rests on a collar. The small hand-wheel, when tightened, prevents top from turning. Top is rigid at any height.

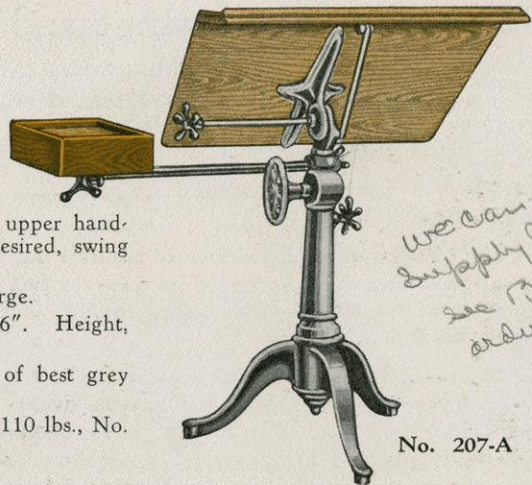
The top can be tilted to any angle and held in position by a turn of the upper hand-wheel on right side. The shelf remains horizontal at all times. When desired, swing tray No. 120 can be supplied with these tables. See No. 207-A, and 208-A.

These tables are also equipped with easy rolling casters, at slight extra charge.

**DIMENSIONS:** Top 23" x 26" x  $\frac{3}{4}$ ". Horizontal shelf at back, 7" x 26". Height, 30" to 40".

**MATERIAL AND FINISH:** Top of oak, light golden oak finish. Base of best grey cast iron, olive green baked enamel finish, handsomely striped.

**SHIPPING WEIGHTS:** No. 207, 110 lbs.; No. 207-A, 120 lbs.; No. 208, 110 lbs.; No. 208-A, 120 lbs. Shipped knocked down.



*We can supply casters. See Borden's order 9/15/30.*

No. 207-A



No. 209.

## Hamilton Artists Tables Nos. 209 to 210-A

No. 209 with Shelf. No. 210 without Shelf.  
 No. 209-A with Shelf and Swing Drawer and Tray No. 120  
 No. 210-A with Swing Drawer and Tray No. 120—No Shelf

These tables are similar to Nos. 207 and 208, but have a lighter base, and the raising and lowering is not done by a hand-wheel. There are two tightening hand-wheels which hold top in position at desired height.

When desired, swing tray No. 120 can be supplied with these tables. (See No. 209-A and 210-A). These tables are also equipped with easy rolling casters, at slight extra charge.

**DIMENSIONS:** Top 20" x 24" x  $\frac{3}{4}$ ". Horizontal shelf at back, 7" x 24". Height, 29" to 40".

**MATERIAL AND FINISH:** Top of oak, golden oak finish. Base of best grade cast iron, with olive green baked enamel finish, handsomely striped. Shipped knocked down.

**SHIPPING WEIGHTS:** No. 209, 95 lbs.; No. 209-A, 110 lbs.; No. 210, 90 lbs.; No. 210-A, 105 lbs.

## Hamilton Artists Table No. 535

It has one tool drawer at the right which has the following inside dimensions: Depth  $2\frac{1}{8}$ ", width  $9\frac{1}{16}$ ", length  $14\frac{1}{2}$ ".

The entire table including the flat top, is made of oak, and the small tilting board is also made of oak which can be tilted to any angle. This small board is 20" x 24" and has cleats on each end which are securely fastened to the center piece with four long screws.

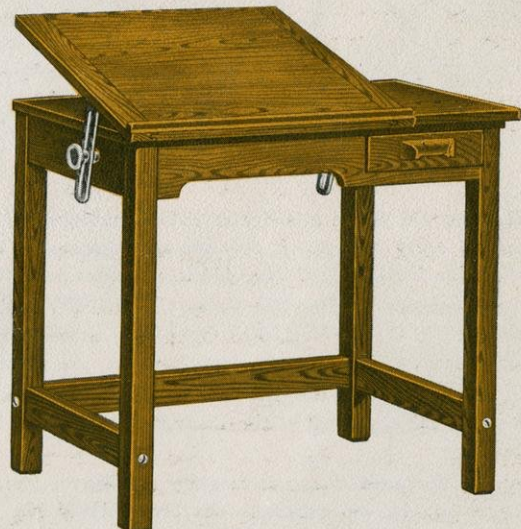
The flat space at the right of the small drawing board will be found very convenient for water jars and similar artists' materials.

This table has the following dimensions: Top 20" x 34", 30" high.

**MATERIAL AND FINISH:** Made of oak, light golden oak rub finish.

**HOW SHIPPED:** Made and shipped knocked down.

**SHIPPING WEIGHT:** 85 lbs.



No. 4 —  $4\frac{1}{4}$ " x 10"



No. 10 —  $2\frac{1}{8}$ " x  $5\frac{1}{4}$ "

## Hamilton Color Slabs

These color slabs are made of heavy white glass and are just the right thing to mix and keep colors of all kinds.



# Hamilton-Hoffman Drawing Stands

## No. 430 Peerless Drawing Stand

The Hoffman Drawing Stands are well known for their quality and serviceability. They are especially adaptable to the use of the commercial artists, sign writer, and, in fact, anyone who does art work.

The No. 430 Stand is unequalled for a moderately priced, substantial artist's stand.

It is of tubular construction and finished in nickel plating and black enamel. A very good feature is the cork inserts in the feet of the table, making it silent and firm on the floor.

The Swivel Head to which the oak board or pine drawing board is attached is universal in movement. It permits the board to be tilted or revolved in any position, a feature which every commercial artist will appreciate. The board and center plate may also be removed from the socket and another board fitted in its place at any time desired. Many artists have several boards with center plates for this purpose.



No. 430 Peerless Drawing Stand, Front View  
Pat'd 1910. New patent pending.

The No. 432 Stand is a lighter model than the No. 430 but is absolutely first class in every respect. It also has the cork tips in the feet, and the universal adjustable Swivel Head No. 436-L, the same as in the No. 430 Stand.

The illustration to the right shows the No. 277 Style A Pine Drawing Board, and the No. 436-C Varnished Oak Tray, attached to the Sterling Stand. The board and tray with attachments, however, are extra.

Of course, the oak top No. 436-A, which is shown on the illustration of the Peerless Table, as well as the Drawer and Tray can be attached to the Sterling Stand.

In case the artist does not care for the Swivel feature of the Universal Head No. 436-L, he can substitute our Sector Head No. 436-M which is illustrated on page 43. This head, as will be seen by the cut, allows the board to be tilted to any angle but cannot be revolved. It is, however, sold at a lower price.

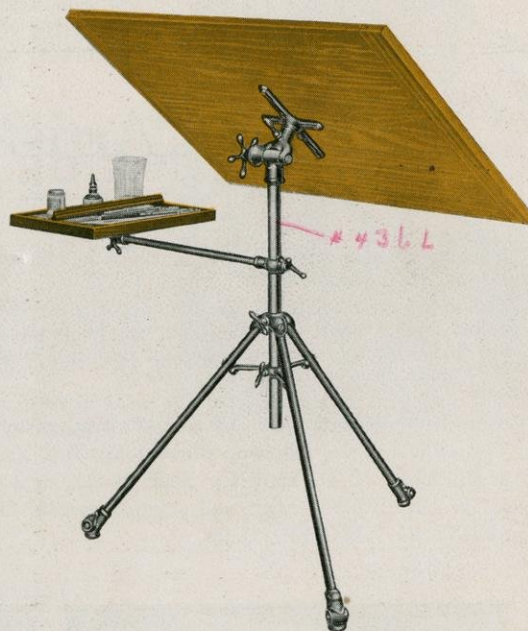
**MATERIAL AND FINISH:** Steel, tubular construction. Nickel plated and black enameled.

For Prices and Shipping Weights, See Price List.



No. 430  
Peerless Drawing Stand—Rear

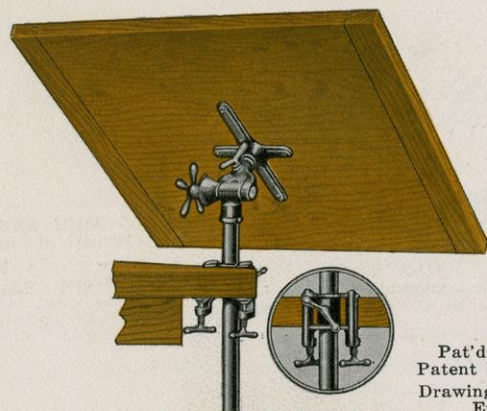
## No. 432 Sterling Drawing Stand



Pat'd 1910. New patent pending.  
No. 432 Sterling Drawing Stand  
Board and Tray with Attachments Extra



# Hamilton-Hoffman Drawing Stands



No. 434 Attachable, Adjustable Drawing Board Bracket.

Pat'd 1910  
Patent Pending  
Drawing Board  
Extra

## No. 434 Attachable Universal Adjustable Drawing Board Bracket

The No. 434 Bracket enables the artist to place his drawing board on the edge of any table which is  $1\frac{1}{2}$ " in thickness or less. The Universal Head No. 436-L is used, which permits a range in height of 17". That is, it can be raised 17" higher than its minimum height, which would, of course, be approximately the height of the table to which it is attached. The Sector Head No. 436-M may be substituted if desired, lowering the price of the bracket.



The Modern Studio

Showing Drawing Stand No. 430, Set-Ezy Stool No. 420 and Artists Auxiliary Table No. 193.



No. 436-N  
Extension Upright  
Arm.

## No. 436-N Extension Upright Arm

The illustration to the left shows the manner of using the Extension Arm. It permits a total height to the drawing board of 58" instead of the usual 45". This makes it especially adaptable for tilting the board vertical as an easel or for chalk talk or similar work. This Extension can, of course, be used in the No. 434 Bracket, or Peerless or Sterling Stands.

## No. 436-M Sector Head with Upright

The Sector Head shown to the right was designed for those who do not care for the swivel feature of the No. 436-L Head. The board can be tilted to any angle, but cannot be revolved or removed from the socket. It is, however, sold at a lower price than the Universal Swivel Head.



No. 436-M Sector Head.  
Drawing Board and  
Clamp Extra

## Parts List

- |   |  |
|---|--|
| No. 436-A 24" x 28" Varnished Oak Board.  | No. 436-J Sterling Base only.                            |
| No. 436-B Varnished Oak Drawer and Tray $10\frac{1}{4}$ " x $14\frac{1}{2}$ " with Attachments. The Drawer is $3\frac{1}{2}$ " x $8\frac{3}{4}$ " x 13" inside. | No. 436-K Bracket Clamp only.                            |
| No. 436-C 9" x 13" Varnished Oak Tray with Attachments.   | No. 436-L Universal Adjustable Swivel Head.              |
| No. 436-H Peerless Base only.   | No. 436-M Sector Head.                                   |
|   | No. 436-N Extension Upright Arm.                         |
|   | No. 436-P Extra Center Plates to attach to Extra Boards. |
|   | No. 276 Style A, 20" x 26" Pine Drawing Board.           |
|   | No. 277 Style A, 23" x 31" Pine Drawing Board.           |
|   | No. 278 Style A, 24" x 36" Pine Drawing Board.           |

## Material and Finish

The highest grade of materials is used in the Hoffman Stands. The metal parts are of steel and cast iron, and are black enameled or nickel-plated. The drawing boards are of best selected white pine, sanded smooth both sides. The oak tops and trays have a light golden oak finish of good quality.



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# Hamilton Artist Table Nos. 194 and 194-A



Table No. 194 with board 18" x 24"

HERE is a practical artists table sold at the lowest price ever known for a table of this quality. Only our large production has made it possible to produce this table at the low price we ask for it.

It is adaptable to any kind of art work including commercial art, sign writing, sketching, or painting. As shown by the illustrations there is ample leg room under the table.

**THE DRAWING BOARD:** Table No. 194 has a basswood drawing board 18" x 24" and has a clear space at the right 10" wide and 18" deep for artists materials such as water jars, colors, brushes, etc.



Showing Board Set Vertically

**THE SLIDE:** It also has a slide on the right for additional materials.

**THE DRAWER:** Directly under the drawing board is a drawer with a round bottom compartment at the front for brushes, etc.



For the Commercial Artist

**THE TILTING FEATURE:** It has a special device for tilting the drawing board, to almost any angle, as well as vertically. The cut below shows this device in detail. It is simple, yet positive and practical, and when not in use the board may be laid flat.

**TABLE NO. 194-A:** This table has a large board 23" x 31" covering the table top. When this is used we recommend our Artist Auxiliary Table No. 192 in connection, as a cabinet to hold the artists materials, copy, reference material, etc. This Auxiliary Table No. 192 is fully described and illustrated on page 40, Catalog No. 7.

**CONSTRUCTION:** The construction of the above tables is strong and rigid, when set up. It is shipped knocked-down in a carton to reduce freight charges. It is a very simple matter to assemble it.

**MATERIAL AND FINISH:** Made of oak and elm with a good light golden oak finish. The drawing board is of basswood and the tilting device is of steel, black enameled.

**DIMENSIONS:** Width, 32"; Depth, 18"; One drawer 10 $\frac{1}{4}$ " x 14 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " inside; One slide 10 $\frac{1}{2}$ " x 12".

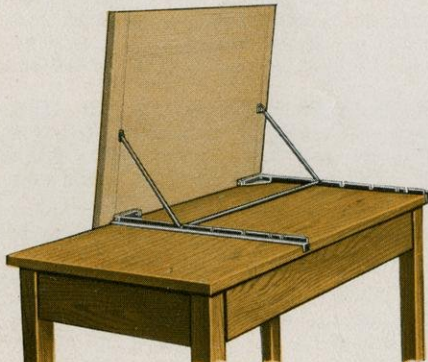
**Table No. 194—Drawing Board 18" x 24".**

**Table No. 194-A—Drawing Board 23" x 31".**

**HOW SHIPPED:** Shipped knocked down.



Table No. 194-A with board 23" x 31"



Showing the Tilting Device



# Hamilton Drawing and Reference Table No. 239 and No. 239-A

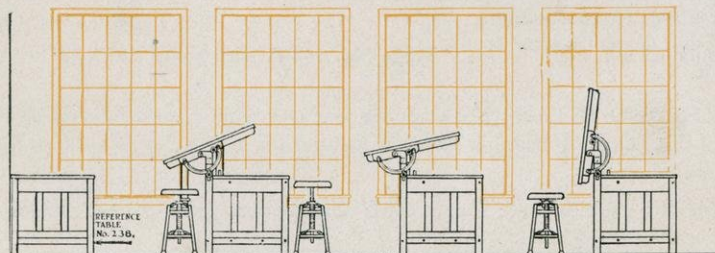
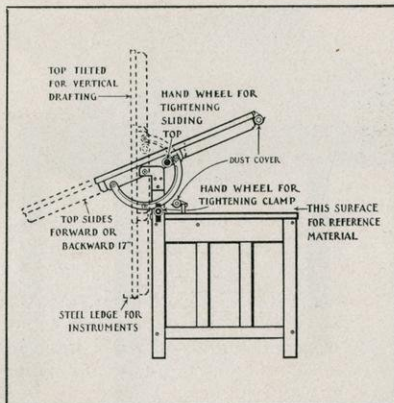
**THIS** new Drawing and Reference Table has been evolved from a study of the most efficient methods now in use in the drafting rooms of some of our greatest industries. The Western Electric Company has been using this type of table with very good success.

**FOR VERTICAL DRAFTING:** This table is especially adaptable to vertical drafting. Modern drafting practice shows that in most kinds of work, vertical drafting is by far the most efficient and time-saving; eliminating the fatigue incident to a stooping posture over a flat or slanting working surface, especially on large drawings.

**THE SLIDING TOP:** As the illustrations will show, the drawing board top is not only adjustable in slant and vertically, but has a sliding feature. This is especially valuable in vertical work, as it enables the operator to adjust the board and the work to any convenient height. It is also useful when the board is slanted as, by sliding it forward or backward, different working heights are obtained. The top has a forward and backward movement of 17".

**THE PARALLEL RULE:** The drawing board, when so ordered, is equipped with a parallel rule with celluloid edges. The rule is so designed that it will not drop down when the board is in a vertical position. However, it is easily moved.

**THE STEEL LEDGE:** On the front edge of the drawing board is a steel ledge which is used as a rest for instruments, etc. in vertical drafting. It is, when pulled out, 1"x21½" in the clear, and has a flange to prevent instruments from dropping off. When not in use, it is pushed back out of the way.



No. 239—Table only, without No. 239-D or No. 239-E Units.

No. 239-A—Table with 2-Drawer Unit No. 239-D.

No. 239-D—Two-Drawer Unit. No. 239-E One-Drawer Unit.

No. 238—Reference Table (No drawing board top—no units).



Front View of Table  
Showing Table No. 239-A with 2-Drawer Unit No. 239-D

**THE DUST COVERS:** The drawing board and reference surface is equipped with dust covers which rest in brackets at the back when not in use.

**A TWO-MAN TABLE:** It is for two men, in that the oak top is especially arranged for reference material to be used by the man immediately ahead of the draftsman working on the drawing board. He in turn will use the table in his rear for the same purpose.

**THE REFERENCE SURFACE:** Under the drawing board and at the rear is a space for reference material, 25¾" deep. There is an oak rail 2" high at the rear of this surface, which is also equipped with a dust cover.

**THE FOOT REST:** This is a solid oak board, 10" deep, protected on the front edge by a brass angle. The rear cross-rail may also be used as a foot rest by the man ahead of the table. This is also protected by a brass angle.

**THE TWO-DRAWER UNIT NO. 239-D:** This unit contains a tool drawer 12½x24½x4½" inside, with a steel sliding tool tray 9¾x13½x1¼" and a special holder for ink bottles. The drawer side is cut out for easy access to the bottles. The large drawer has a follower block and is for a letter or catalog file. This unit may be faced toward the front or rear of table as desired.

**THE ONE-DRAWER UNIT NO. 239-E:** This unit is shown on the rear view of table. It is for reference material and has a drawer 44⅝x24½x1⅝" inside. This unit is also equipped with a dust cover.

**DIMENSIONS:** Drawing Board Top 36x54x1⅝". Height when level 41", body of table 30" high.

**MATERIAL AND FINISH:** Body of table of oak, light golden oak rub finish; drawing board pine, braced with steel cleats.

**HOW SHIPPED:** Shipped set up with top detached.



Rear View of Table Showing Use of  
Unit No. 239-E



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# MEMORANDA



## The Hamilton-Calumet Planfile System

For some time past, and at great expense, we have been perfecting a new and more efficient system of plan files.

One of the outstanding developments of this new equipment, is the one inch drawer file with a semi-mechanical tracing lifter. This patented device makes every sheet a top sheet. It makes it just as easy to remove the third or fourth sheet from the bottom of the drawer as it is to remove the top sheet on any other file.

The principal cause of wear and tear on tracings is the pressure of the sheets above the one to be removed or refiled. This has now been eliminated, and also the filing capacity of your floor space greatly increased.

The storage or shelf-filing unit is especially designed to conserve floor space when filing semi-active or inactive tracings. A great saving is effected, and yet every tracing is instantly available.

A complete catalog illustrating and describing the Hamilton-Calumet Planfile System is now being printed, and will be available shortly.

Ask for Catalog No. 8.



# MEMORANDA

## Page Thirty-two

On page 32 we show a new type of drawing table with an adjustable reference bank.

We have recently perfected a table with a sliding reference bank and other new features. This table is unique and unlike any other table on the market. We were unable to show this new item in this catalog, but we will send complete information to anyone upon request.

## Page Thirty-eight

We call your particular attention to the new Sectional Art File shown on page 38. This Art File will save money, conserve your art work, and systematize your art records.

## Page Thirty-nine

On page 39 we show an artist's table, which has now been further improved with new features.



