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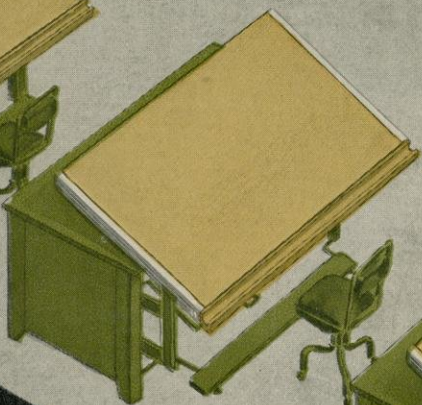
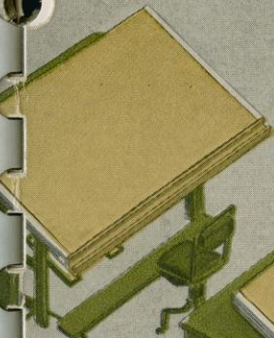
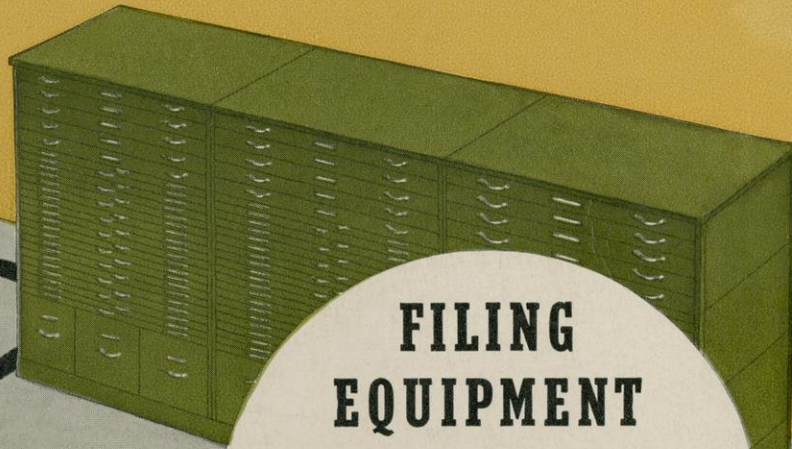
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# Hamilton

CATALOG No. 12

*cut*

**FILING  
EQUIPMENT**  
*that saves time and tracings*  
**DRAFTING TABLES**  
*that increase output*



**MODERNIZE YOUR DRAFTING ROOM NOW**

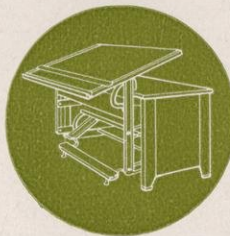
*with*  
**Hamilton**

**DRAFTING ROOM FURNITURE**



**TRACING FILES**

Protect your valuable tracings against wear and tear with Hamilton Filing Equipment . . . Page 3.



**DRAFTING TABLES**

Draw with speed and comfort on rigid, easily adjusted Hamilton drafting tables . . . there is a Hamilton table to fit your need and your budget . . . Page 19.

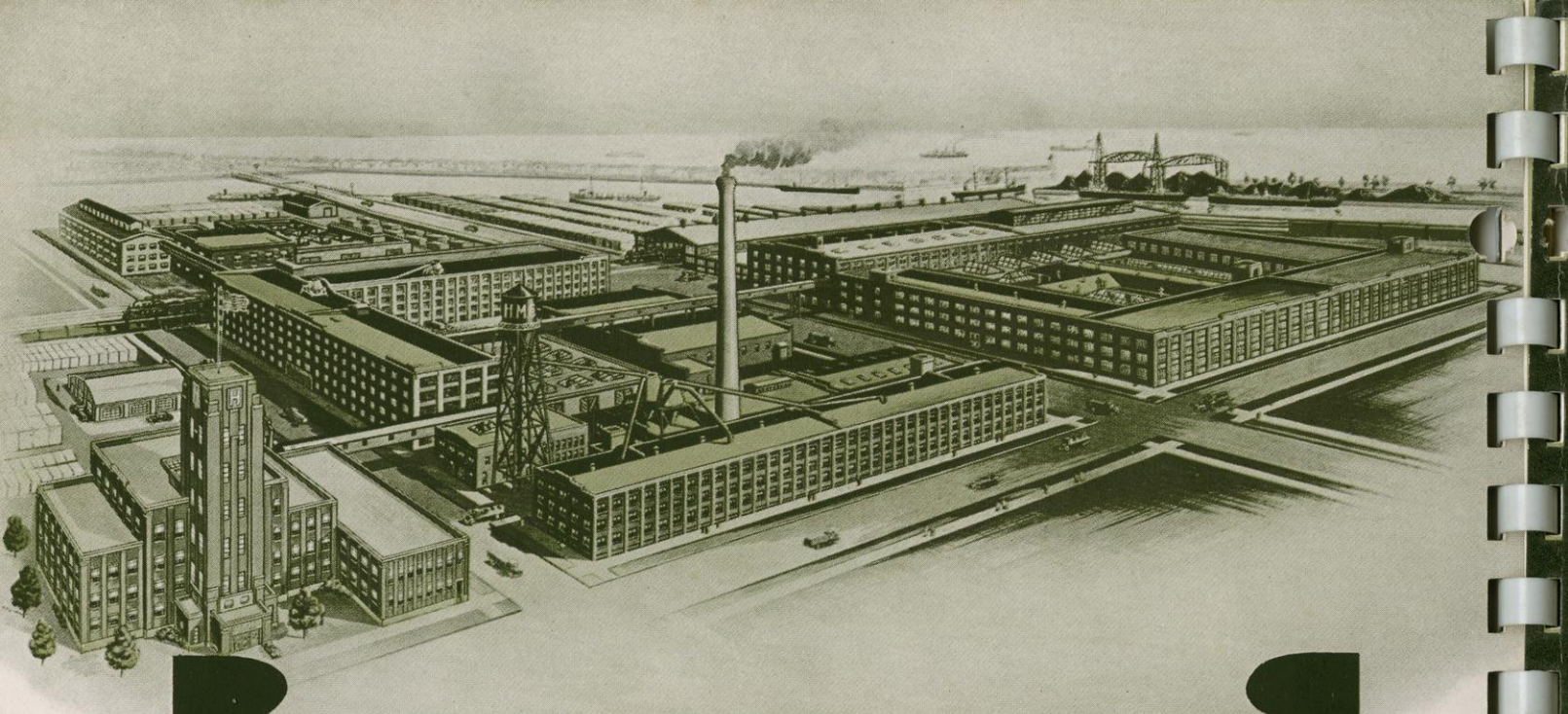


**ACCESSORIES**

Fluorescent lights, fluorescent tracing tables, chairs and stools, parallel ruling straight edges, drawing boards, and other accessories to increase efficiency . . . Page 41.

**HAMILTON-ECONOMY  
DRAFTING FURNITURE  
CATALOG NUMBER 12**

**HAMILTON MANUFACTURING CO.**  
FACTORY AND MAIN OFFICE . . . TWO RIVERS, WIS.  
WAREHOUSE AND BRANCH OFFICE . . . RAHWAY, N. J.



WHERE *Hamilton* DRAFTING ROOM  
FURNITURE IS MADE

**ON THE SHORE OF LAKE MICHIGAN**, at Two Rivers, Wisconsin (100 miles north of Milwaukee), the Hamilton Manufacturing Company has been making professional furniture for fifty-seven years.

**CENTRALLY LOCATED** • The centrally located city of Two Rivers has overnight delivery service to Chicago, 5-day service to the East Coast, 8-day service to Texas, and 10-day service to the Pacific Coast. In addition, a fully stocked warehouse is maintained at Rahway, New Jersey, for quick service to Eastern points.

**COMPLETE FACILITIES** • Here, under one roof, there are four coordinated plants: a production machine shop for making dies, machinery castings, etc. . . . a steel plant for fabricating all types of steel furniture . . . a wood-working plant with the latest, high-speed wood-working machines . . . and a seasoning plant for preparing lumber to meet our rigid specifications. More than 2 million

dollars' worth of machinery and equipment of the most modern design and lasting quality is required to build Hamilton furniture, to give you complete satisfaction.

**EXPERIENCED EMPLOYEES** • 970 employees man this great plant. These workers have ideal facilities and the skill and experience needed to make furniture of the highest quality. The average experience of these men, including the apprentices, is 12 years. They know how to make engineering furniture that stands up under hard and long use.

**LARGEST IN THE WORLD** • This organization, the largest of its kind in the world, is the result of the demand for the better furniture that Hamilton offers. Today this great, unified, experienced organization offers you the most complete and the finest line of drafting room filing equipment and drawing tables to enable you to modernize your drafting room for greater efficiency and more comfortable working conditions.



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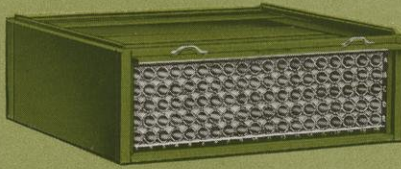
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**Active Tracings:** Since you give your active, current tracings the most use, we recommend filing them in 10-drawer Shallow Drawer Units. These units have a patented lifter to reduce wear and tear. Capacity, 1,000 tracings. See page 8.



**Roll Tracing Units:** Here are two good ways to file your rolled tracings. First, the drawer type with drawers subdivided for 1", 2", or 3" rolls. These units are self-indexing. Less wear and tear on your rolls. See page 12. The tube type, with drop-door protection, has the advantage of costing you less money.



6-drawer, 5-drawer, and 3-drawer units with drawers two inches deep can also be used for your active drawings. The drawers can be partitioned to take your 1/2, 1/4, and 1/8 size drawings. Capacity, 100 active tracings per drawer, 150 semi-active tracings, or 200 inactive tracings. See page 10.



**Field Book Unit:** Specially designed for your field books and engineers' notebooks. Any size up to 5 x 7 1/2". Capacity, 320 books. See page 16.



**Card File Unit:** A necessity for organized control of your drawings. For 3 x 5" or 4 x 6" cards. See page 16.



**Deep Drawer Units:** Deep drawer units of the 3-drawer and 1-drawer type are useful for your samples and for storage of miscellaneous items. See page 11.



**Vertical Drawer Units:** Ideal for your small size tracings. Made for tracings 9 x 12", 12 x 18", and 18 x 24". See page 15.



**Shelf Units:** Your sets of tracings, covering particular jobs, can be put in folders and filed in shelf units. Capacity, 1,200 tracings in 12 folders. Also useful for inactive tracings. Note drop-door for protection of drawings. See page 11.

**Caps and Bases:** Units are made in eight standard sizes. All your units of the same size will interlock in any order you desire. Caps and bases to complete your installation of units are shown on page 16.

**Vertical Files:** Separate files, not interlocking units, are also made for those who prefer vertical filing. See the Hamilton-Calumet file on page 14 and the Hamilton Vertical U-Plan File, page 13.

# How To File Your Prints and Tracings *Speedily and Safely*

You can solve any filing problem with Hamilton Interlocking Units. Hamilton units are made in eight standard sizes. Units with same line number interlock. Just choose the units you need and combine them into a complete filing system. Your current small drawings (12 x 18" or less) can be filed in vertical drawer files. Active drawings (24 x 36" or larger) can be filed in shallow drawer units with tracing lifters because the tracing lifter will protect them from wear and tear. Your inactive drawings can be filed in deep drawers or shelf units. Sets of prints can be filed in folders and kept in 5-drawer units or shelf units, or they can be filed in the Calumet Vertical Plan File (page 14). A card file for organized control is essential. Choose your own combination of units from those shown here, or fill out the *Filing Analysis Sheet at left and send it to us for free recommendations on the best way to file your drawings.* No obligation.

19083

19085

19070

19041

19095



Typical stack of units in the 24036 line size.

**CONDENSED DATA  
TO HELP YOU**

*Choose the  
Right File*

This complete table of specifications covers all information in regard to sizes of Hamilton Filing Units, Caps, and Bases. It also shows the number and size of tracings that each unit-style accommodates. Study this table carefully before ordering any Hamilton filing equipment. Units of the same line-number interlock with each other. Different line-numbers cannot be combined in the same stack unless adapters, as described on page 16, are used. Be sure, therefore, that all units you order are of the same line-number. There are two different lines, No. 2436 and 24036, for 24 x 36" drawings. Calumet Shallow Drawer Units are available only in the 24036 size. Similarly, they are made for 30 x 42" drawings in the 30042 size . . . not 3042. We recommend, therefore, that you order 24036 and 30042 units as the choice of units is greater in these groups.

\*Dimensions given are folder sizes.

†Three of these units, placed side by side, intermember with any two 24036 units.

Unit No.	Page No.	Description	Active Tracing Capacity Per Drw.	Semi-Active Tracing Capacity Per Drw.	Inactive Tracing Capacity	Size of Record to be Filed	Inside Drawer Width	Inside Drawer Depth	Inside Drawer Height	Outside Unit Width	Outside Unit Depth	Outside Unit Height	Takes Folder Number
<b>2436 LINE For 24"x36" Drawings</b>													
1825	11	1 Deep Drawer Unit.....	For Miscellaneous Filing			24x36	37	26	7¼	40 1/8	28½	9 7/8	1951
1826	10	3 Drawer Unit.....	100	150	200	24x36	37	26	2	40 1/8	28½	9 7/8	1951
1828	10	6 Drawer Unit.....	100	150	200	24x36	37	26	2 1/8	40 1/8	28½	20	1951
1830	10	5 Drawer Unit.....	100	150	200	24x36	37	26	2	40 1/8	28½	15 3/8	1951
1831	11	3 Deep Drawer Unit.....	For Miscellaneous Filing			24x36	37	26	3¾	40 1/8	28½	15 3/8	1951
1832	12	Roll Tracing Unit (Tubes).....	80 per Unit	.....	.....	2x27 Roll	.....	.....	.....	40 1/8	28½	15 3/8	.....
1835	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	40 1/8	29¼	1 1/8	.....
1837	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	40 1/8	28½	4	.....
1839	16	23" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	40 1/8	28½	22 1/8	.....
1840	16	Card File Unit (5 Drws.).....	.....	.....	.....	3x5 or 4x6	.....	.....	.....	40 1/8	28½	7 1/8	.....
1841	16	12" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	40 1/8	28½	12	.....
1874	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	.....
1951	11	Plan Folders*.....	Not more than 100 per folder			24x36	36¼	24½	½	.....	.....	.....	.....
<b>24036 LINE For 24"x36" Drawings</b>													
18031	11	3 Deep Drawer Unit.....	For Miscellaneous Filing			24x36	39½	29	3¾	43 5/8	32½	15 3/8	19088
18074	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	.....
19027	12	Roll Tracing Unit (3 Drw.)...	11	.....	.....	3 3/8x30 Roll	.....	30¾	3¾	43 5/8	32½	15 3/8	.....
19028	12	Roll Tracing Unit (5 Drw.)...	19	.....	.....	2x30 Roll	.....	30¾	2	43 5/8	32½	15 3/8	.....
19029	12	Roll Tracing Unit (10 Drw.)...	37	.....	.....	1x30 Roll	.....	30¾	1	43 5/8	32½	15 3/8	.....
19040	15	3 Drw. Vert. Plan File Unit..	3000	.....	.....	9x12	.....	.....	.....	43 5/8	32½	15 3/8	.....
19041	15	2 Drw. Vert. Plan File Unit..	3000	.....	.....	12x18	.....	.....	.....	43 5/8	32½	15 3/8	.....
19042	15	2 Drw. Vert. Plan File Unit†	3000	.....	.....	18x24	.....	.....	.....	28 7/8	32½	50 1/8	.....
19070	8	10 Drw.—Shallow Drawer...	100	150	.....	24x36	37¾	29	¾	43 5/8	32½	15 3/8	.....
19083	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	43 5/8	33¼	1 1/8	.....
19085	10	5 Drawer Unit.....	100	150	200	24x36	39½	29	2	43 5/8	32½	15 3/8	19088
19086	11	Shelf Filing Unit.....	.....	1200 in	1600 in	24x36	.....	.....	.....	43 5/8	32½	15 3/8	19088
19088	11	Plan Folders*.....	Not more than 100 per folder			24x36	38¼	27¾	½	.....	.....	.....	.....
19091	16	Field Book Unit.....	Books up to 5x7½	.....	.....	24x36	8½	28	5 5/8	43 1/8	32½	15 3/8	.....
19093	16	Card File Unit (5 Drws.).....	.....	.....	.....	3x5 or 4x6	.....	.....	.....	43 5/8	32½	7 1/8	.....
19095	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	43 5/8	32½	4	.....
19097	16	12" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	43 5/8	32½	12	.....
<b>3042 LINE For 30"x42" Drawings</b>													
1843	11	1 Deep Drawer Unit.....	For Miscellaneous Filing			30x42	43	32	7¼	46 1/8	35½	9 7/8	1952
1844	10	3 Drawer Unit.....	100	150	200	30x42	43	32	2	46 1/8	35½	9 7/8	1952
1846	12	Roll Tracing Unit (Tubes).....	95 per Unit	.....	.....	2x34 Roll	.....	.....	.....	46 1/8	35½	15 3/8	.....
1848	10	5 Drawer Unit.....	100	150	200	30x42	43	32	2	46 1/8	35½	15 3/8	1952
1849	11	3 Deep Drawer Unit.....	For Miscellaneous Filing			30x42	43	32	3¾	46 1/8	35½	15 3/8	1952
1850	10	6 Drawer Unit.....	100	150	200	30x42	43	32	2 1/8	46 1/8	35½	20	1952
1851	16	Linoleum Cap.....	.....	.....	.....	.....	.....	.....	.....	46 1/8	36¼	1 3/8	.....
1853	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	46 1/8	36¼	1 1/8	.....
1855	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	46 1/8	35½	4	.....
1856	16	6" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	46 1/8	35½	5 1/8	.....
1857	16	23" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	46 1/8	35½	22 1/8	.....
1858	16	Card File Unit (6 Drw.).....	.....	.....	.....	3x5 or 4x6	.....	.....	.....	46 1/8	35½	7 1/8	.....
1861	16	12" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	46 1/8	35½	12	.....
1874	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	.....
1952	11	Plan Folders*.....	Not more than 100 per folder			30x42	42 3/8	31½	½	.....	.....	.....	.....



Unit No.	Page No.	Description	Active Tracing Capacity Per Drw.	Semi-Active Tracing Capacity Per Drw.	Inactive Tracing Capacity Per Drw.	Size of Record to be Filed	Inside Drawer Width	Inside Drawer Depth	Inside Drawer Height	Outside Unit Width	Outside Unit Depth	Outside Unit Height	Takes Folder Number
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### 30042 LINE For 30"x42" Drawings

18048	10	5 Drawer Unit.....	100	150	200	30x42	45½	35	2	49 1/8	38½	15 3/8	19052
18049	11	3 Deep Drawer Unit.....	For Miscellaneous Filing			30x42	45½	35	3¾	49 1/8	38½	15 3/8	19052
18053	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	49 1/8	39¼	1 1/8	
18055	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	49 1/8	38½	4	
18058	16	Card File Unit (6 Drws.).....	.....	.....	.....	3x5 or 4x6	.....	.....	.....	49 1/8	38½	7 1/8	
18061	16	12" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	49 1/8	38½	12	
18074	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	
18094	8	10 Drw.—Shallow Drawer..	100	150	.....	30x42	43¾	35	¾	49 1/8	38½	15 3/8	
18095	11	Shelf Filing Unit.....	.....	1200 in 12 Folders	1600 in 16 Folders	30x42	.....	.....	.....	49 1/8	38½	15 3/8	19052
19047	12	Roll Tracing Unit (3 Drw.)....	13	.....	.....	3 3/8x36 Roll	.....	36¾	3¾	49 1/8	38½	15 3/8	
19048	12	Roll Tracing Unit (5 Drw.)....	23	.....	.....	2x36 Roll	.....	36¾	2	49 1/8	38½	15 3/8	
19049	12	Roll Tracing Unit (10 Drw.)..	43	.....	.....	1x36 Roll	.....	36¾	1	49 1/8	38½	15 3/8	
19052	11	Plan Folders*.....	Not more than 100 per folder			30x42	44¼	33¾	½	.....	.....	.....	

### 3648 LINE For 36"x48" Drawings

1867	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	53 1/8	42¼	1 1/8	
1868	10	5 Drawer Unit.....	100	150	200	36x48	50	38	2	53 1/8	41½	15 3/8	1953
1869	11	3 Deep Drawer Unit.....	For Miscellaneous Filing			36x48	50	38	3¾	53 1/8	41½	15 3/8	1953
1873	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	53 1/8	41½	4	
1874	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	
1912	16	12" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	53 1/8	41½	12	
1953	11	Plan Folders*.....	Not more than 100 per folder			36x48	49¼	37¼	½	.....	.....	.....	

### 36048 LINE For 36"x48" Drawings

18063	12	Roll Tracing Unit (3 Drw.)....	15	.....	.....	3 3/8x42 Roll	.....	42¾	3¾	55 1/8	44½	15 3/8	
18064	12	Roll Tracing Unit (5 Drw.)....	25	.....	.....	2x42 Roll	.....	42¾	2	55 1/8	44½	15 3/8	
18065	12	Roll Tracing Unit (10 Drw.)..	47	.....	.....	1x42 Roll	.....	42¾	1	55 1/8	44½	15 3/8	
18067	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	55 1/8	45¼	1 1/8	
18068	10	5 Drawer Unit.....	100	150	200	36x48	51½	41	2	55 1/8	44½	15 3/8	19053
18073	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	55 1/8	44½	4	
18074	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	
19004	8	10 Drw.—Shallow Drawer..	100	150	.....	36x48	49¾	41	¾	55 1/8	44½	15 3/8	
19006	11	Shelf Filing Unit.....	.....	1200 in 12 Folders	1600 in 16 Folders	36x48	.....	.....	.....	55 1/8	44½	15 3/8	19053
19012	16	12" Sanitary Base.....	.....	.....	.....	.....	.....	.....	.....	55 1/8	44½	12	
19053	11	Plan Folders*.....	Not more than 100 per folder			36x48	50¼	39¾	½	.....	.....	.....	

### 25059 LINE For 25"x59" Drawings

18074	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	
19030	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	65 1/8	31¼	1 1/8	
19031	10	5 Drawer Unit.....	100	150	200	25x59	61½	27	2	65 1/8	30½	15 3/8	19055
19032	8	8 Drw.—Shallow Drawer....	100	150	.....	25x59	59 1/8	27 1/8	7/8	65 1/8	30½	15 3/8	
19034	11	Shelf Filing Unit.....	.....	12 Folders	16 Folders	25x59	.....	.....	.....	65 1/8	30½	15 3/8	19055
19037	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	65 1/8	30½	4	
19055	11	Plan Folders*.....	Not more than 100 per folder			25x59	60¼	25¾	½	.....	.....	.....	

### 42072 LINE For 42"x72" Drawings

18066	12	Roll Tracing Unit (5 Drw.)....	37	.....	.....	2x48 Roll	.....	48¾	2	79 1/8	50½	15 3/8	
18074	16	6" Base Legs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 1/8	
19015	16	Cap Unit.....	.....	.....	.....	.....	.....	.....	.....	79 1/8	51¼	1 1/8	
19016	10	5 Drawer Unit.....	75	100	150	42x72	75½	47	1½	79 1/8	50½	15 3/8	
19017	8	6 Drw.—Shallow Drawer....	100	150	.....	42x72	73 3/8	46 3/8	1	79 1/8	50½	15 3/8	
19025	16	Flush Base 4" High.....	.....	.....	.....	.....	.....	.....	.....	79 1/8	50½	4	

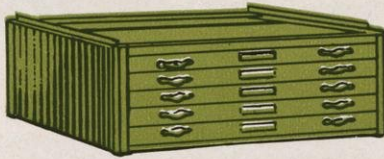
### VERTICAL PLAN FILES

Unit No.	Page No.	Description	Capacity	Folder Size	Width	Depth	Height	Takes Folder Number
406	13	Vertical U-Plan File.....	3000	24x36	.....	42	30½	35 1/8
407	13	Vertical U-Plan File.....	3000	30x42	.....	48	30½	41 1/8
408	13	Vertical U-Plan File.....	3000	36x48	.....	54	30½	45 3/8
1876	14	Calumet Vertical Plan File..	2600	30x70	.....	38¾	18	72
1877	14	Calumet Vertical Plan File..	2600	36x70	.....	44¾	18	72
1878	14	Calumet Vertical Plan File..	2600	42x70	.....	50¾	18	72
1879	14	Calumet Vertical Plan File..	2600	48x70	.....	56¾	18	72

# You Get All These Features in HAMILTON STEEL FILING UNITS

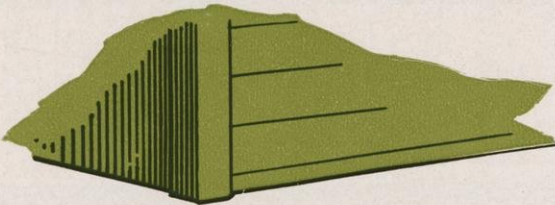
Here are some of the reasons why you can stack Hamilton Filing Units to any reasonable height . . . why they will last longer under the hardest usage you give them . . . why they protect your drawings better . . . and why it is easier for you to use them. Check these features carefully.

## UNIT CONSTRUCTION



3 **WELDED—EXTRA STRONG:** The frames are welded to extra strong 20-gauge sides and back. You get a lifetime of service from Hamilton welded units because there are no rivets to loosen.

1 **RIGID FRAME CONSTRUCTION:** Separate frames at top and bottom give you positive rigidity. Each frame has 16-gauge sides, 18-gauge back, and 14-gauge front (extra heavy steel throughout).



2 **\*CORNER POSTS:** Each unit has 14-gauge corner posts at all four corners. They are welded to the sides, back, top, and bottom frames. These heavy corner posts support the units above without sagging. Drawers cannot bind. You can stack units higher and safer. No other unit has such strong corners.



4 **INTERLOCKING:** Flanges in the top frame interlock units and prevent shifting when you stack them. There are holes in the unit sides, also, so you can bolt adjacent stacks tightly together.

## DRAWER CONSTRUCTION



**\*ROLLER DRAWERS:** Improved roller construction . . . which makes even your most heavily loaded drawer run smoothly and easily. A friction arrangement prevents slamming of the drawer and the consequent pile-up of your tracings.



**\*SELF-GUIDING RUNS:** You can push in a Hamilton File Drawer by one corner . . . still it runs true without jamming at the side. The drawer runs guide it accurately.

**\*TRIPLE WALL DRAWER FRONT:** Three-wall reinforced construction. Drawer bottom forms center wall. Strong formed channel is welded to it for rear wall. Extra 20-gauge channel is welded to this assembly for the front.



**BRASS PULLS:** Easy to grasp. Secured by cup washers inside drawer head to prevent injury to your tracings.

**LABEL HOLDERS:** Large label holders 1 x 5" spot welded to each drawer. Label card and green celluloid protecting cover supplied.



**PRE-PUNCHED FOR DIVIDERS:** All drawers except in Calumet Shallow Drawer Units are pre-punched for dividers for your 1/2, 1/4, and 1/8 size tracings.

**NON-SAGGING DRAWERS:** Drawers have 22-gauge bottom, 16-gauge sides, and 16-gauge reinforced top edges on side rails. Cannot sag.



**\*PANTASOTE TRACING COMPRESSOR:** Covers entire drawer . . . not just part of it. Fastened to rear hood, locks in place at front. Keeps out dust and dirt. Easy to close or open. Holds your tracings flat in the drawer with even, spring-balanced compression.

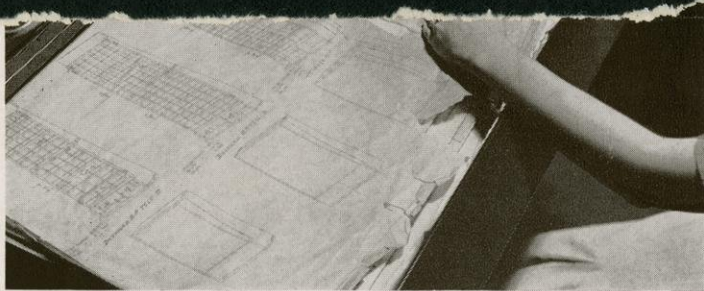


**SAFETY STOP:** You cannot accidentally jerk out a Hamilton drawer. Easy to remove drawer for cleaning, however.



**REAR HOOD:** 3 1/2" wide steel hood across rear of drawer. Your tracings can't creep up over back of drawer.

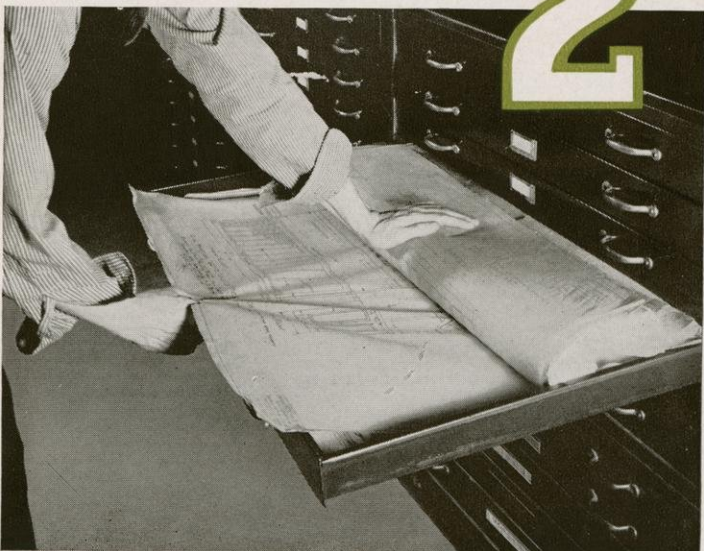
\*The features marked with an asterisk are exclusive Hamilton improvements. You get these benefits only with Hamilton Units.



tracings in a Hamilton-Calumet Shallow Drawer Unit . . . one hundred drawings per drawer . . . and thumbing damage is cut in half. Less thumbing, fewer tracings to handle, and quicker filing for your drawings. See next page for a full description of how Hamilton-Calumet Files reduce thumbing and tension to save your tracings from unnecessary wear and tear.

TRACING ENEMY No.

2



## *"Tension"*

Two inches of linen tracings 30x42" weigh 44 lbs.! Every time a tracing is removed from an ordinary two-inch drawer it must be pulled out from under some part of this weight. Few tracings stand up under this strain. In a Hamilton-Calumet one-inch drawer the weight on your tracings is not only cut in half . . . but the patented Hamilton-Calumet Tracing Lifter takes 90% of the weight off the drawing you want to withdraw or file. You save costly re-drawing of your valuable tracings by reducing tension during the filing operation.

Your tracings are worth this extra protection. They may have anywhere between \$10.00 and \$10,000.00 worth of drafting time on them. Invest twelve cents more in each drawing and you can protect it for life by filing it in a Hamilton-Calumet Shallow Drawer with the patented Tracing Lifter.

All drawers have roller suspension, with a friction device to prevent slamming and piling up your tracings. You cannot accidentally jerk a drawer of the cabinet because they have safety stops. The rear hood, which prevents curling of your tracings and creeping over the back of the drawer, is adjustable. You set it to fit the tracings you file. The lifter holds your tracings flat and protects them. The drawers can be partitioned for half-size drawings but it is not practical to use the lifter for smaller drawings.

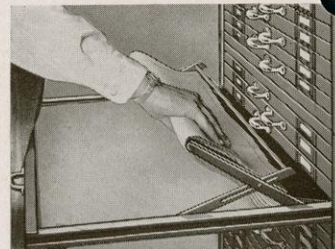
The illustrations at right show how easy it is to use the Hamilton-Calumet Lifter. Your file clerks can use it efficiently at once, with no special training.



10-Drawer Unit equipped with Hamilton-Calumet patented tracing lifters for easy filing. See sizes available in specification table at right. (Protected by U. S. Patents Nos. 1924109, 1809216, and 1764610.)

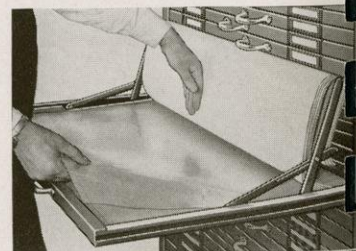
### Selecting Sheet Desired

The sheet shown flat on top is one desired. Those above it have been turned over lifter, which is then turned back, removing all pressure from tracing wanted.



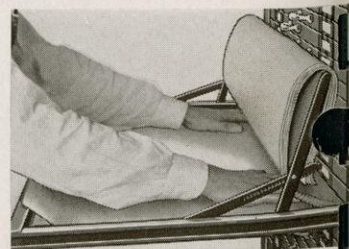
### Removing Sheet Desired

The tracing desired is now the top sheet, and may be removed easily as shown in the illustration, without any strain on the sheet.



### Replacing Sheet

The tracing is now being replaced in its original position. No wrinkling, crumpling, buckling, or cracking.



# Lifter PROTECTS YOUR TRACINGS



See how easy it is to remove a tracing from drawer. The weight of other tracings is removed by the tracing lifter so that the sheet you want comes out as easily as if it were the top sheet in the drawer. No strain . . . and no danger of tearing or creasing it.

## SPECIFICATIONS

All Shallow Drawer Units have the improved Calumet Lifting Device. All except No. 19032 have adjustable rear hoods. The 10-Drawer units have one pull and two label-holders on each drawer; the 6-Drawer and 8-Drawer units, because of their large size, have two pulls and one label-holder per drawer. All units finished in olive green, with solid brass pulls and green label-holders. Units interlock with all other Hamilton Units of the same line number. See page 6 for constructional details.

Line Number	Unit Number	No. of Drawers	Size of Tracing Accommodated	No. Active Tracings Per Drawer	No. Inactive Tracings Per Drawer	Inside Width	Drawer Depth	Sizes Height	Outside Width	Drawer Depth	Sizes Height
2436		Not available in this size									
24036	19070	10	24x36"	100	150	37 $\frac{3}{4}$ "	29"	$\frac{3}{4}$ "	43 $\frac{5}{16}$ "	32 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "
3042		Not available in this size									
30042	18094	10	30x42"	100	150	43 $\frac{3}{4}$ "	35"	$\frac{3}{4}$ "	49 $\frac{5}{16}$ "	38 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "
3648		Not available in this size									
36048	19004	10	36x48"	100	150	49 $\frac{3}{4}$ "	41"	$\frac{3}{4}$ "	55 $\frac{5}{16}$ "	44 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "
42072	19017	6	42x72"	100	150	73 $\frac{5}{8}$ "	46 $\frac{7}{8}$ "	1"	79 $\frac{5}{16}$ "	50 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "
25059	19032	8	25x59"	100	150	59 $\frac{1}{16}$ "	27 $\frac{1}{16}$ "	$\frac{7}{8}$ "	65 $\frac{5}{16}$ "	30 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "

# 5 DRAWER • 6 DRAWER • 3 DRAWER UNITS

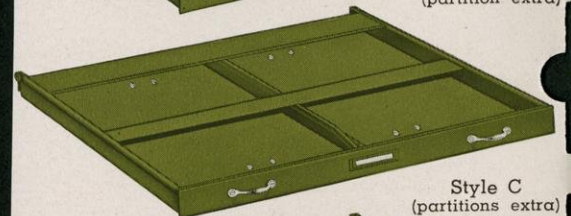


Hamilton units are the only tracing files with compressors that cover the entire drawer and keep out dirt.

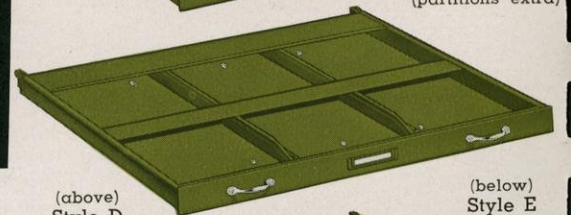
## ALL DRAWERS PRE-PUNCHED FOR DIVIDERS



Style B  
(partition extra)



Style C  
(partitions extra)



(above)  
Style D  
(partitions extra)



(below)  
Style E  
(partitions extra)



No. 1

No. 2 partition

## ALL DRAWERS COVERED WITH CANVAS DRAWING PROTECTOR

(Patent Applied For)



## SPECIFICATIONS

Units of same LINE NUMBER interlock with all other Hamilton Units of the same LINE NUMBER. Finished in olive green, with olive green label holders and solid brass pulls. Heavy welded steel construction. See page 6 for construction details.

Line Number	Unit Number	No. of Drws.	Size of Record	Inside Drawer			Outside Unit			Takes Folder Number
				Width	Depth	Height	Width	Depth	Height	
2436	1830	5	24x36"	37"	26"	2"	40 $\frac{1}{8}$ "	28 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	1951
2436	1826	3	24x36"	37"	26"	2"	40 $\frac{1}{8}$ "	28 $\frac{1}{2}$ "	9 $\frac{7}{8}$ "	1951
2436	1828	6	24x36"	37"	26"	2 $\frac{1}{8}$ "	40 $\frac{1}{8}$ "	28 $\frac{1}{2}$ "	9 $\frac{7}{8}$ "	1951
24036	19085	5	24x36"	39 $\frac{1}{2}$ "	29"	2"	43 $\frac{5}{8}$ "	32 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19088
25059	19031	5	25x59"	61 $\frac{1}{2}$ "	27"	2"	65 $\frac{5}{8}$ "	30 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19055
3042	1848	5	30x42"	43"	32"	2"	46 $\frac{1}{8}$ "	35 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	1952
3042	1844	3	30x42"	43"	32"	2"	46 $\frac{1}{8}$ "	35 $\frac{1}{2}$ "	9 $\frac{7}{8}$ "	1952
3042	1850	6	30x42"	43"	32"	2 $\frac{1}{8}$ "	46 $\frac{1}{8}$ "	35 $\frac{1}{2}$ "	20"	1952
30042	18048	5	30x42"	45 $\frac{1}{2}$ "	35"	2"	49 $\frac{5}{8}$ "	38 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19052
3648	1868	5	36x48"	50"	38"	2"	53 $\frac{1}{8}$ "	41 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	1953
36048	18068	5	36x48"	51 $\frac{1}{2}$ "	41"	2"	55 $\frac{5}{8}$ "	44 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19053
42072	19016	5	42x72"	75 $\frac{1}{2}$ "	47"	1 $\frac{1}{2}$ "	79 $\frac{5}{8}$ "	50 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	.....

Recommended tracing capacity per drawer: active, 100; semi-active, 150; inactive, 200. In No. 19016, however, capacities should be not more than 75, 100, and 150 respectively.

# DEEP 3-DRAWER AND 1-DRAWER UNITS

## For Miscellaneous Filing

These deep drawer units are useful for filing your miscellaneous material such as samples, supplies, etc. The drawers are mounted on roller suspension for easy use. A black coated canvas cover, fastened at the rear and hooked at the front keeps out dust.

Finished in Olive Green baked enamel, with olive green label holders and solid brass pulls. Heavy welded steel construction, see page 6. Interlock with other units of the same line number. Available only in line numbers specified at right.



Line No.	Unit No.	Drws.	Inside Drawer			Outside Unit			Folder
			Width	Depth	Height	Width	Depth	Height	
2436	1831	3	37"	26"	3 $\frac{3}{4}$ "	40 $\frac{1}{8}$ "	28 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	1951
2436	1825	1	37"	26"	7 $\frac{1}{4}$ "	40 $\frac{1}{8}$ "	28 $\frac{1}{2}$ "	9 $\frac{7}{8}$ "	1951
3042	1849	3	43"	32"	3 $\frac{3}{4}$ "	46 $\frac{1}{8}$ "	35 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	1952
3042	1843	1	43"	32"	7 $\frac{1}{4}$ "	46 $\frac{1}{8}$ "	35 $\frac{1}{2}$ "	9 $\frac{7}{8}$ "	1952
3648	1869	3	50"	38"	3 $\frac{3}{4}$ "	53 $\frac{1}{8}$ "	41 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	1953



## SHELF FILING UNITS

Sets of tracings that must be kept in groups or filed by jobs can be filed efficiently in Hamilton-Calumet Shelf Filing Units. These units have 3 removable shelves and a fixed bottom shelf for drawings. The drop door (shown open in illustration) protects tracings against vermin and dust and improves the appearance of your file room.

Tracing folders, as shown below, are recommended for use with Shelf Units. Each unit will hold from 12 to 16 loaded folders. Folders are extra.

Specifications: Finished Olive Green. Olive Green Label Holder. Solid Brass Pulls. Disappearing door. Includes three removable shelves. Heavy construction. Folders extra. All units of same line number interlock.



Line No.	Unit No.	Size of Record	Outside Width	Outside Depth	Outside Height	Folder Number
24036	19086	24x36"	43 $\frac{5}{16}$ "	32 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19088
25059	19034	25x59"	65 $\frac{5}{16}$ "	30 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19055
30042	18095	30x42"	49 $\frac{5}{16}$ "	38 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19052
36048	19006	36x48"	55 $\frac{5}{16}$ "	44 $\frac{1}{2}$ "	15 $\frac{3}{8}$ "	19053

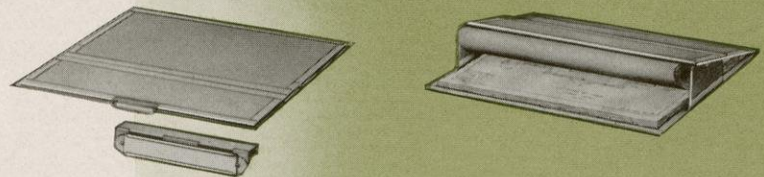
## TRACING FOLDERS • PULLS • LIFTERS

(Patent No. 1749376)

Three to four Hamilton-Calumet Tracing Folders can be filed in a 2-inch deep drawer. Also used with Shelf Filing Units. When ordering, specify whether folders are for wood or steel units.

Line	Folder	Size Record	Width	Depth	Thickness
2436	1951	24x36"	36 $\frac{1}{4}$ "	24 $\frac{1}{2}$ "	$\frac{1}{2}$ "
24036	19038	24x36"	38 $\frac{1}{4}$ "	27 $\frac{3}{4}$ "	$\frac{1}{2}$ "
3042	1952	30x42"	42 $\frac{3}{8}$ "	31 $\frac{1}{2}$ "	$\frac{1}{2}$ "
30042	19052	30x42"	44 $\frac{1}{4}$ "	33 $\frac{3}{4}$ "	$\frac{1}{2}$ "
3648	1953	36x48"	49 $\frac{1}{4}$ "	37 $\frac{1}{4}$ "	$\frac{1}{2}$ "
36048	19053	36x48"	50 $\frac{1}{4}$ "	39 $\frac{3}{4}$ "	$\frac{1}{2}$ "
25059	19055	25x59"	60 $\frac{1}{4}$ "	25 $\frac{3}{4}$ "	$\frac{1}{2}$ "

Use No. 19059 Label Holder Pull when folders are kept on shelves.  
Use No. 19058 Lifter when folders are kept in drawers.



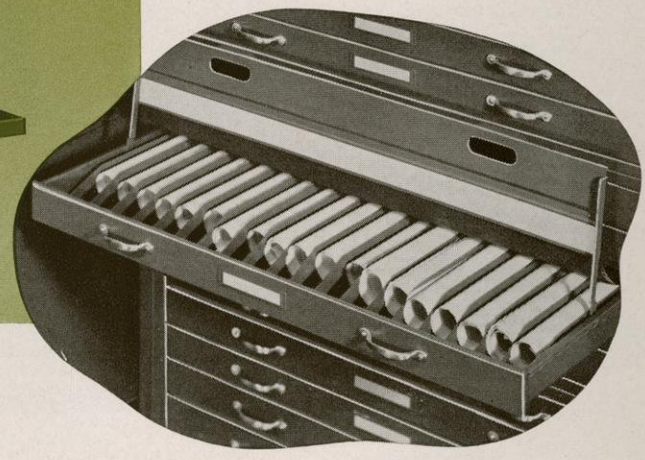
At left, above, Hamilton folder closed and detail of the No. 19059 Label Holder Pull. At right, above, open folder with hinged top flap turned back showing how side flaps hold up top.

Specifications: Folders are strongly made of .050" thick, three-ply, center-core, covered with fiberoid, reinforced with tape and metal eyelets. Folders fit only units of same line number.



**FOR**  
*Rolled Drawings*

**DRAWER and  
TUBE UNITS**



Rolls of tracings get dog-eared and torn when they are pushed in or pulled out of an ordinary pigeon-hole file. But in this new Hamilton-Calumet Roll Tracing File (Patent Pending) your rolled tracings are safe against such damage. You lift your rolls out of the partitioned drawers . . . they are not slid out over rough edges that may tear them. Each drawer is divided into roll-size compartments and your rolls are held in place and protected by a metal compressor or guard rail. When you open it, this compressor also serves as an index to the drawer (as shown at right). Made for rolls of three sizes . . . 1", 2", or 3 3/8" in diameter.

GENERAL SPECIFICATIONS: Finished olive green. Solid brass pulls. Including index card for each drawer. Heavy, strong, welded construction. Rollers on drawers. Units of same line number interlock.

Line Number	Unit Number	No. of Drws.	Drw. Cap.	Size of Roll to be Filed	Inside Dimensions		Outside Dimensions		
					Depth	Height	Width	Depth	Height
24036	19027	3	11	3 5/8"x30"	30 3/4"	3 3/4"	43 5/16"	32 1/2"	15 3/8"
24036	19028	5	19	2 x30"	30 3/4"	2"	43 5/16"	32 1/2"	15 3/8"
24036	19029	10	37	1 x30"	30 3/4"	1"	43 5/16"	32 1/2"	15 3/8"
30042	19047	3	13	3 5/8"x36"	36 3/4"	3 3/4"	49 5/16"	38 1/2"	15 3/8"
30042	19048	5	23	2 x36"	36 3/4"	2"	49 5/16"	38 1/2"	15 3/8"
30042	19049	10	43	1 x36"	36 3/4"	1"	49 5/16"	38 1/2"	15 3/8"
36048	18063	3	15	3 5/8"x42"	42 3/4"	3 3/4"	55 5/16"	44 1/2"	15 3/8"
36048	18064	5	25	2 x42"	42 3/4"	2"	55 5/16"	44 1/2"	15 3/8"
36048	18065	10	47	1 x42"	42 3/4"	1"	55 5/16"	44 1/2"	15 3/8"
42072	18066	5	37	2 x48"	48 3/4"	2"	79 5/16"	50 1/2"	15 3/8"

★ **TUBE UNITS FOR ROLL DRAWINGS** ★



MADE ONLY IN TWO SIZES:

The No. 1832 interlocks with the 2436 line . . . dimensions, 40 1/8"x28 1/2"x15 3/8" high; 80 fibre tubes accommodate 80 rolls 2x27".  
The No. 1846 interlocks with the 3042 line . . . dimensions, 46 1/8"x35 1/2"x15 3/8" high; 95 fibre tubes accommodate 95 rolls 2x34".

Just roll up your tracings, slip them into one of the tough fibre tube compartments of this file and make a record of the position. That is all there is to using this new roll file. The tubes are fastened together in sections of twenty for easy removal for cleaning. Each tube takes a 2-inch diameter roll. The disappearing steel door (shown open) keeps out dust, dirt, and rodents.

SPECIFICATIONS

Olive green baked enamel finish; disappearing door; letter and number strips for cross indexing; label holder on door; made of high grade heavy gauge steel; rigid spot-welded construction.



# FOR PRACTICAL *Vertical Filing*

## FILES Nos. 406-408

It is easy for you to locate drawings in this improved vertical file. Just raise the top cover and 3,000 tracings are available, indexed on cards fastened to the inside of the top. Each of the 60 folders is also indexed. Whether you have three or three thousand drawings in your file, the folders are always held tightly upright by pressure from 15 full height compressor dividers. This pressure is evenly distributed over the whole folder, not just at top or bottom. The compressor dividers are "free-floating" and have rollers at the top so that they slide back and forth easily. These rollers are not exposed, they are covered by a sloping steel channel. The bottom of the compressors are connected with flexible fabric. Protection for your drawings is assured by the double-wall construction of the file. The inner wall or shell is insulated from the heavy welded outer shell with thick, solid fire-felt. The snug-fitting top is insulated double-wall construction also. The top stays up when

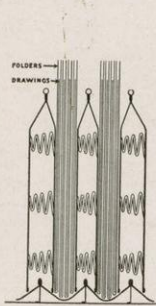


desired. It has a continuous full-length hinge for strength. 60 tough Paperoid folders, lock for cover, and steel wheel casters are included with file.

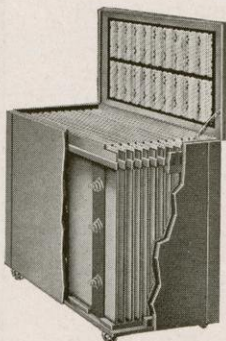
### SHEET CAPACITY PER CABINET: 3000

No.	Size of Record	No. of Pockets	Size of Folders	No. of Folders	Outside Size		
					Width	Depth	Height
406	24x36"	15	38x28 1/4"	60	42"	30 1/2"	35 1/8"
407	30x42"	15	44x34 1/4"	60	48"	30 1/2"	41 1/8"
408	36x48"	15	50x37 3/4"	60	54"	30 1/2"	45 5/8"

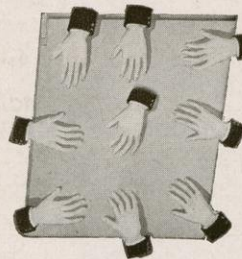
## These Features Help You File Efficiently



This cross section view shows how folders are held upright by the compressor springs and partitions. Note the continuous strip of fabric at bottom so folders cannot slide down.



The way in which the compressor springs operate to hold folders upright is also shown in this sectional view. All folders and drawings are held firmly in place by strong springs.



Hold a piece of paper between the palms of your hands . . . gently but firmly. The compressor springs holding the folders upright are equivalent to nine such pairs of hands.

# File Your SETS OF PRINTS Efficiently



The HAMILTON-Calumet Vertical Plan File is designed for efficient filing of reference blueprints, maps, charts, etc., in sets. Each set is filed in its own clamp binder and may be taken out for reference without danger of individual prints slipping out or getting lost. Here is a file that has a place in every drafting-room office. It is a space-saver because it requires only a small amount of your floor area for filing up to 2,600 prints . . . it is a time-saver because it permits such easy location, removal, and replacing of plans . . . it is a money-saver because it affords such excellent protection for your plans.

## THE *Hamilton-Calumet* VERTICAL FILE

This file consists of a vertical steel cabinet with twin doors, as shown at left. When the doors are opened, the file rack moves outward and downward, on a ball-bearing suspension, to a convenient position for reference. The file rack carries 26 binders; each binder takes about 100 blueprints or sheets of any size up to the maximum size for the cabinet; total vertical filing capacity, 2600 plans. In addition, there is a shelf above for storage of paper, tracing cloth, etc.

Because of the spring-jaw binder construction, it is not necessary to punch holes in the plans . . . the binder securely clamps your plans and holds them without danger of slipping, while also permitting easy removal or replacement of individual plans or sets of plans in the binders. A handy key is furnished you with each file to open or tighten binders. There is a label holder on each binder. Each cabinet is complete with plain rack and 26 binders. Style A Rack with 52 half-size binders or Style B with 13 full-size binders at rear, and 24 half-size binders at front can also be supplied.

All HAMILTON-Calumet Vertical Plan Files will take plans up to 70" in length, and of any width up to the maximum filing width of the individual cabinet. For your greater convenience, we suggest you file shorter plans toward front of rack, and longer sets toward rear.

### GENERAL SPECIFICATIONS

Made of heavy gauge furniture steel, electrically welded. Finished in olive green baked enamel. U. S. Patent Nos. 1381907 and 1757705.

Unit Number	Maximum Filing Size	No. of Binders	Style of Rack	Dimensions of File Cabinet
1876	30 x 70"	26	Plain	38 $\frac{3}{4}$ x 18 x 72"
1877	36 x 70"	26	Plain	44 $\frac{3}{4}$ x 18 x 72"
1878	42 x 70"	26	Plain	50 $\frac{3}{4}$ x 18 x 72"
1879	48 x 70"	26	Plain	56 $\frac{3}{4}$ x 18 x 72"



Removing a set of prints

# DRAWER UNITS FOR

## *Vertical Filing*

(Patents Pending)



No. 19041 Unit for vertical filing of 18x12" drawings. Capacity 6,000 sheets.



No. 19040 Unit for vertical filing of 9x12" drawings. Capacity 9,000 sheets.



No. 19042 Unit for 18x24" drawings. Capacity 6,000 sheets. Three of these units, side by side, are equal to any two other units in the 24036 Line, so they may be interlocked.

Made only in the 24036 Line . . . interlocks with 24036 Line Units only.

These convenient Vertical Plan Files are designed for vertical filing of your small or detail tracings, plans, blueprints, drawings, etc. . . . No. 19041 is a 2-drawer unit, each drawer taking sheets up to 18x12" . . . No. 19040 is a 3-drawer unit, taking sheets up to 9x12". Both the 2-drawer and 3-drawer units are made only in the 24036 Line.

The No. 19042 unit has two drawers, one above the other, for 18x24" sheets. Three of these units placed side by side interlock with any two 24036 units to make a complete stack.

Hamilton-Calumet Vertical Plan File No. 19040, for 9x12" tracings, has a capacity of 3,000 sheets per drawer, or a total capacity of 9,000 sheets for the three drawers—the 19041 File has a capacity of 6,000 12x18" tracings—Unit No. 19042 has a capacity of 6,000 18x24" tracings. All the above capacities are figured for active tracings. For inactive or dead tracings the capacities will be 50% to 100% greater.

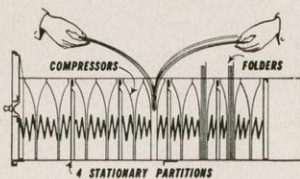
All drawers in the three units shown have 24 inches of clear filing space. 60 folders are furnished for each drawer. Capacity of each folder is 50 tracings. The drawers slide easily on roller-bearings and have automatic stops which you can release to remove drawers from units.

Finished in olive green, baked enamel, with cast brass hardware, to harmonize with all your other HAMILTON-Calumet equipment. Made only in 24036 Line size.

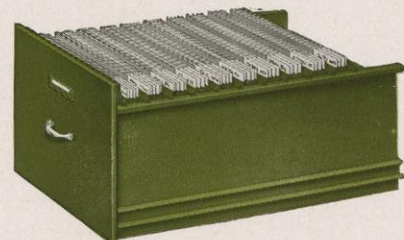
Line Number	Unit Number	No. of Drawers	Active Tracing Capacity	Folder Size	Size of Record to be Filed	Outside Unit Width	Outside Unit Depth	Outside Unit Height
24036	19040	3	3000	9¼x12⅝"	9x12"	43 <sup>5</sup> / <sub>16</sub> "	32½"	15⅜"
24036	19041	2	3000	12¼x19⅝"	12x18"	43 <sup>5</sup> / <sub>16</sub> "	32½"	15⅜"
24036	19042	2	3000	18¼x24¼"	18x24"	28⅞"	32½"	50 <sup>1</sup> / <sub>16</sub> "

NOTE: For other vertical files, see Nos. 406-7-8, page 13 and Nos. 1876-7-8, page 14.

## Check These Features



Referring to folders, or filing them, is easily done as shown at left. The Spring Compressors hold the folders upright. Each compressor is supported and held in place by two steel rods at the top. A fixed steel partition between each group of two compressors holds compressors in proper position whether you use all or part of the drawer capacity. A complete drawer is shown at right.



# Special Purpose UNITS



No. 19091 FIELD BOOK UNIT



CARD FILE UNIT

## FIELD BOOK UNIT

This Field Book Unit accommodates books in any size up to 5x7½" . . . total capacity 320 books. Two Label Holders are provided on each drawer. Each drawer is equipped with automatic stop.

SPECIFICATIONS: Finished in olive green, baked enamel, with cast brass pulls. The No. 19091 Unit is made only in 24036 Line size. Outside Dimensions: 32½" deep x 43<sup>5</sup>/<sub>16</sub>" wide x 15<sup>3</sup>/<sub>8</sub>" high.

## CARD FILE UNITS

These Units save your time because they provide a simple, orderly method of recording location of tracings. File either 3x5" or 4x6" cards.

SPECIFICATIONS: Finished olive green, with cast brass pulls.

Line Number	Unit Number	No. of Drawers	Outside Dimensions		
			Width	Depth	Height
2436	1840	5	40 <sup>13</sup> / <sub>16</sub> "	28½"	7 <sup>11</sup> / <sub>16</sub> "
24036	19093	5	43 <sup>5</sup> / <sub>16</sub> "	32½"	7 <sup>11</sup> / <sub>16</sub> "
3042	1858	6	46 <sup>13</sup> / <sub>16</sub> "	35½"	7 <sup>11</sup> / <sub>16</sub> "
30042	18058	6	49 <sup>5</sup> / <sub>16</sub> "	38½"	7 <sup>11</sup> / <sub>16</sub> "

## ★ ★ INTERLOCKING CAPS AND BASES ★ ★

To complete your installation of Hamilton Sectional Filing Units, several types of Cap Units and Base Units are available. You can have a plain steel cap or a linoleum covered cap, a sanitary base in standard heights, or a set of four 6-inch sanitary base

legs. The 6-inch sanitary base legs fit units of any size and are safe and sturdy. They are supplied only in one standard height, 5<sup>11</sup>/<sub>16</sub>". For convenience in indexing they are listed as No. 1874 and No. 18074. Order by either number.

NOTE: When ordering any cap or base except Base Legs No. 1874, be sure to check the Line Number. Caps and Bases interlock only with units of the same Line Number.

### PLAIN CAPS — 1<sup>3</sup>/<sub>16</sub>" High

Line No.	Cap No.	Width	Depth
2436	1835	40 <sup>13</sup> / <sub>16</sub> "	29¼"
24036	19083	43 <sup>5</sup> / <sub>16</sub> "	33¼"
25059	19030	65 <sup>5</sup> / <sub>16</sub> "	31¼"
3042	1853	46 <sup>13</sup> / <sub>16</sub> "	36¼"
30042	18053	49 <sup>5</sup> / <sub>16</sub> "	39¼"
3648	1867	53 <sup>13</sup> / <sub>16</sub> "	42¼"
36048	18067	55 <sup>13</sup> / <sub>16</sub> "	45¼"
42072	19015	79 <sup>5</sup> / <sub>16</sub> "	51¼"

### LINOLEUM COVERED CAPS — 1<sup>3</sup>/<sub>8</sub>" High

Line No.	Cap No.	Width	Depth
3042	1851	46 <sup>13</sup> / <sub>16</sub> "	36¼"

### FLUSH BASES — 4" High

Line No.	Base No.	Width	Depth
2436	1837	40 <sup>13</sup> / <sub>16</sub> "	28½"
24036	19095	43 <sup>5</sup> / <sub>16</sub> "	32½"
25059	19037	65 <sup>5</sup> / <sub>16</sub> "	30½"
3042	1855	46 <sup>13</sup> / <sub>16</sub> "	35½"
30042	18055	49 <sup>5</sup> / <sub>16</sub> "	38½"
3648	1873	53 <sup>13</sup> / <sub>16</sub> "	41½"
36048	18073	55 <sup>13</sup> / <sub>16</sub> "	44½"
42072	19025	79 <sup>5</sup> / <sub>16</sub> "	50½"

### SANITARY BASES

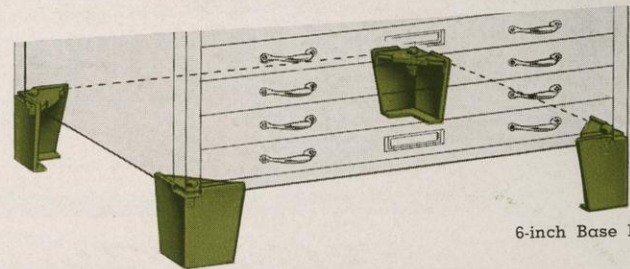
Line No.	Base No.	Width	Depth	Height
2436	1839	40 <sup>13</sup> / <sub>16</sub> "	28½"	22 <sup>13</sup> / <sub>16</sub> "
2436	1841	40 <sup>13</sup> / <sub>16</sub> "	28½"	12"
24036	19097	43 <sup>5</sup> / <sub>16</sub> "	32½"	12"
3042	1856	46 <sup>13</sup> / <sub>16</sub> "	35½"	5 <sup>11</sup> / <sub>16</sub> "
3042	1857	46 <sup>13</sup> / <sub>16</sub> "	35½"	22 <sup>13</sup> / <sub>16</sub> "
3042	1861	46 <sup>13</sup> / <sub>16</sub> "	35½"	12"
80042	18061	49 <sup>5</sup> / <sub>16</sub> "	38½"	12"
3648	1912	53 <sup>13</sup> / <sub>16</sub> "	41½"	12"
36048	19012	55 <sup>13</sup> / <sub>16</sub> "	44½"	12"



Plain Cap



Flush Base



6-inch Base Legs



Sanitary Base

### UNIT ADAPTERS

Special adapters enable you to use units of two different sizes together. Adapters are 1 inch high.

No. 19098 — for placing 2436 units on 24036 line units.

No. 19099 — for placing 24036 units on 3042 line units.

No. 19099-A — for placing 3042 units on 30042 line units.



DRAFTING TABLES

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# 4 REASONS

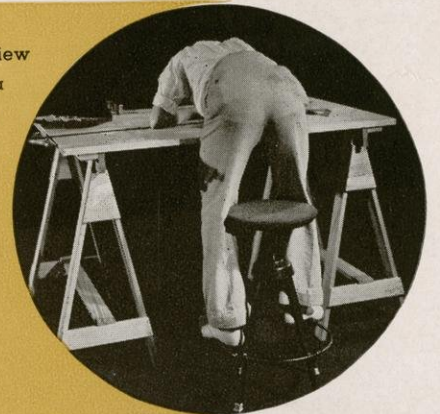
## WHY HAMILTON AUTO-SHIFT TABLES BENEFIT YOU



Here's a conference at an Auto-Shift Table. The drawing surface can be tilted so all can see in comfort. Compare this scene with the scene below.



**1.** These unbusinesslike positions result when engineers get together around ordinary tables to plan designs. Doesn't look very efficient, does it. Put in Auto-Shift Tables to make conferences more efficient.



**2.** You often see a view like this when a draftsman works on the upper corner of his board. With an Auto-Shift there is no need for reaching . . . the table brings the drawing to you!



**3.** No man can work with a cluttered-up drawing board. It should be cleared for action. With Auto-Shift Tables you get extra reference space that promotes order and efficiency.



**4.** Why perch draftsmen on a "high chair"? Not even bookkeepers use them nowadays. With an Auto-Shift you get swivel-chair, posture-back comfort while you work.

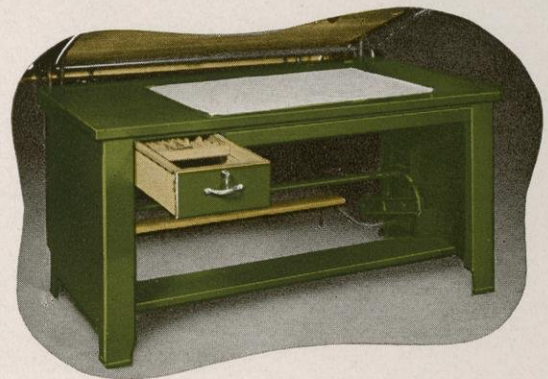
# Step Up YOUR PRODUCTION

## HAMILTON AUTO-SHIFT TABLES SAVE TIME BECAUSE YOU . . .

- Change Board Slope Instantly
- Change Board Height Instantly
- Work from Standing or Sitting Position
- Bring Any Part of Drawing to You
- Have Instruments Always Convenient
- Have Ample Reference Space
- Draw with Real Comfort and Efficiency
- Have Efficient Drawing Conferences

## HERE IS YOUR REFERENCE SPACE AND TOOL DRAWER

This back view of an Auto-Shift Table shows the 30x60" Reference Surface, the tool drawer, and the shallow reference drawer. Reference drawer can be supplied in same depth as tool drawer, if desired, at no extra cost. When Auto-Shifts are placed in a row, one in front of the other, each draftsman uses the drawers of the table directly behind him. This convenient arrangement is clearly shown in the drawing below. The tool drawer is at your right as you draw. It is  $9\frac{3}{4} \times 25\frac{1}{8} \times 4\frac{3}{4}$ " equipped with Partitioned Tool Tray No. 130, removable Bottle Rack No. 133, and individual lock. The shallow reference drawer is  $36\frac{1}{8} \times 25\frac{1}{2} \times 1\frac{9}{16}$ ". Both drawers are light and easy-running because they are made of wood with non-warping Composition Board drawer bottoms. Fronts are of steel to match table base finish and to wear longer. The last draftsman in a row should have a No. 1817 Reference Desk. This desk contains his reference drawer and tool drawer and provides him with a 30x60" reference surface. It is made of steel and is similar to the Auto-Shift Table base. (Indicated in drawing below).



### AUTO-SHIFT SPECIFICATIONS

(U. S. Patent No. 1956546)

Three Drawing Board Top Sizes: No. 1818, 36x60"; No. 1819, 36x72"; and No. 1820, 42x72". You can instantly adjust board from 33 $\frac{7}{8}$ " to 45" (center height) or to any slope from horizontal to vertical. Board has zinc plated steel end cleats. 30x60" reference surface is desk height, 30 $\frac{1}{4}$ ". Heavy gauge welded steel base, permanently square and rigid. One shallow reference drawer and one tool drawer. Full width trough for pencils. Olive green enamel finish on base. Cast brass drawer pulls. One table and chair occupy 36 $\frac{1}{4}$  square feet of floor space.

### EXTRA EQUIPMENT

See Accessory Section, pages 42 to 45, for optional equipment such as Straight Edges, Parallel Rule Attachments, Dust Cover, Fluorescent Lights, and No. 417 Chair. 2-drawer filing unit No. 1823, with one drawer 9 $\frac{7}{8}$ x17x4" and a file drawer 9 $\frac{7}{8}$ x17x11", can also be supplied as an extra. This unit fits under the tool drawer.



No. 1823

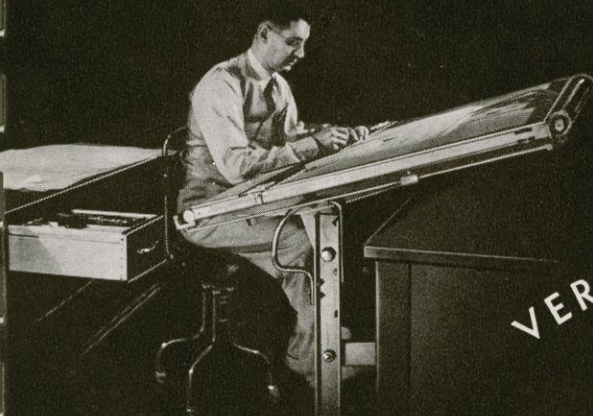
### INSTANTLY ADJUSTABLE

You work in efficient comfort at an Auto-Shift Table. No back strain. No cramped positions. No let-down in productive speed. You can instantly adjust the Auto-Shift Table drawing surface to any convenient working height. Use it sitting down or standing up . . . or in any intermediate position. Change position when you feel tired; it takes only a few seconds. The heavy drawing board is counterbalanced with a spring that does the work . . . you just step on a pedal and, with finger-tip pressure, set the board at the desired height. Slope changes are easy and fast, too. Press a lever and swing the board to any angle. With this adjustment you can work on the upper corners of your drawing without reaching and straining. The mechanism is simple, durable, and foolproof. Board locks positively in desired position and cannot slip. Users tell us this instant adjustability increases efficiency. Falk Corporation, Milwaukee, for instance, says their 58 Auto-Shifts increased drafting production 38%. Your work can be made easier and faster with Auto-Shifts, too.





# WITH AUTO-SHIFT TABLES

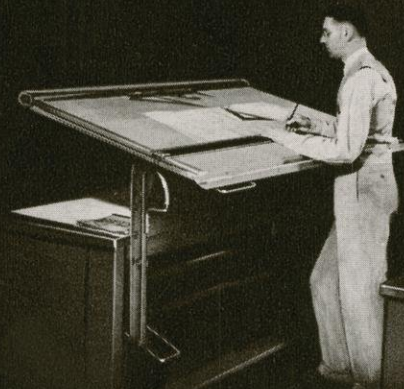


SITTING POSITION

VERTICAL DRAWING



STANDING POSITION



*Instant Adjustment of Height and Slope*

**HAMILTON**

# Steelwood



**WOOD\***

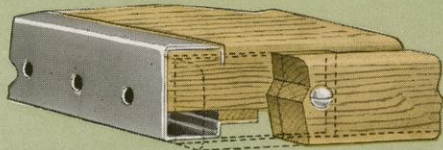
**STEEL\*\***

You get lifetime service from Hamilton Steelwood Tables . . . yet they cost no more than ordinary wood tables because Hamilton makes all parts, both wood and steel, under one roof in its huge combination wood and steel manufacturing plant. By combining the best features of wood and steel materials you get increased use and lifetime service as well as an efficient, accurate, permanently rigid drawing table that improves the appearance of your drafting room and stimulates your draftsmen to better work. Hamilton Steelwood Tables are an investment in increased drafting room productivity that will pay you dividends for over a lifetime. That's why these tables outsell ordinary wood tables two to one.

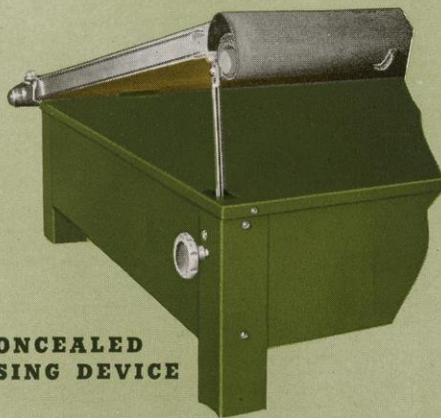
**\*WOOD . . .** The finest, smoothest drawing surface known, California Sugar Pine is used for Steelwood Tables. It's expertly seasoned and tempered and, for further protection against warping, steel end cleats are provided. The graining is close and even and the entire board is uniformly soft with no hard, sappy streaks. Light, easy-running drawers have non-warping Composition Board bottoms and steel fronts.

**\*\*STEEL . . .** The base is permanently rigid. It can't wobble. The joints can't loosen up even after years of service. The heavy gauge steel leg frames are electrically welded for permanent strength. And there are no trouser-tearing splinters from the smooth steel frame.

# THE LIFETIME DRAWING TABLE



**STEEL END CLEATS**



**CONCEALED RAISING DEVICE**



**ELECTRICALLY WELDED JOINTS**



**BRASS FOOT RAIL**

## **STEEL END CLEATS**

Here's the new way to build drawing boards for greater strength and more permanent accuracy . . . *steel end cleats* instead of wood. They last longer. The edge is always smooth and true. The board is given extra reinforcement against warpage. Zinc-plated finish improves the appearance, too. You get this feature only on Hamilton tables.

## **CONCEALED RAISING DEVICE**

Notice how the raising device rod is concealed in the table leg. No longer does the rod project outward to catch on the clothes of passers-by. It streamlines the table by concealing the working parts. Your drafting room will look better with concealed raising devices on the tables.

## **ELECTRICALLY WELDED JOINTS**

The secret of Steelwood Table rigidity is in the electrically welded joint construction. Each frame is welded with permanent joints that can't come loose. This not only assures rigidity . . . but it guarantees long service-life to you. Welded steel table bases can't wear out and they won't splinter or tear your clothes.

## **BRASS FOOT RAIL**

At the point of greatest wear, Steelwood tables have a brass foot rail. It will stand up under hard use and will not show scuff marks. It's another factor in Steelwood lifetime service.



**Nos. 1802, 1806, 1808,  
and 1812**

These tables have one long, shallow drawer for tracings and a tool drawer with lock, sliding tool tray, and ink tray.



**Nos. 1802-D, 1806-D, 1808-D, and 1812-D**

Same as tables above plus a drawer unit (shown on opposite page) that provides an extra drawer for supplies and a full letter-size drawer for your correspondence and catalogs.



**Steelwood Tables Nos. 1807 and 1816**

This drawer arrangement is preferred by many draftsmen. The supply drawer is on the left, and on the right there is a tool drawer with lock, sliding tool tray, and ink tray. Below these drawers there is a large reference drawer.

*Steelwood*  
**TABLES GIVE YOU  
A LIFETIME OF  
SERVICE**

Lifetime Steelwood Tables are supplied with any standard drawer arrangement. The three most popular combinations are shown at left. Any of the eight drawer arrangements illustrated for wood tables on pages 28 and 29, however, can be supplied in Steelwood.

**Four Standard Sizes:** 36x60", 36x72", 42x72", and 42x84" Steelwood tables are standard, but any other size top you wish can be supplied on special order.

**New Standard Height:** All Steelwood tables are 37" high . . . no raising blocks are necessary when high stools are used.

**Light, Easy-Running Drawers:** The drawers work easily because they are made of wood with non-warping Composition Board bottoms.

**SPECIFICATIONS:** Heavy gauge welded steel base, finished olive green. Full width brass angle footrail. Black wood shoes on legs. Concealed raising device. Sliding tool tray. Ink tray. Lock on tool drawer. Paper slot at front with rounded edges. Genuine California Sugar Pine top, adjustable to 42°. Zinc plated steel end cleats. Height 37".

Table No.	Table Top Size	Drawer Equipment	Width	Depth	Height
1802	36x60"	Long Drawer	36 1/2"	28 1/8"	1 1/2"
		Tool Drawer with No. 117 Tray	10 1/2"	27 1/4"	3 3/4"
1802-D	36x60"	Same, with No. 1824 Drawer unit shown on opposite page.			
1806	36x72"	Long Drawer	41 3/8"	27 7/8"	1 1/2"
		Tool Drawer with No. 129 Tray	17 5/8"	24"	3 3/4"
1806-D	36x72"	Same, with No. 1827 Drawer Unit shown on opposite page.			
1808	42x72"	Long Drawer	41 3/8"	27 7/8"	1 1/2"
		Tool Drawer with No. 129 Tray	17 5/8"	24"	3 3/4"
1808-D	42x72"	Same, with No. 1827 Drawer Unit shown on opposite page.			
1812	42x84"	Long Drawer	53 3/8"	31 7/8"	1 1/2"
		Tool Drawer with No. 129 Tray	17 5/8"	24"	3 3/4"
1812-D	42x84"	Same, with No. 1827 Drawer Unit shown on opposite page.			
1807	36x72"	Long Drawer	37 3/8"	25"	2"
		Tool Drawer with No. 129 Tray	17 5/8"	25"	3 3/8"
		Supply Drawer	17 3/8"	25"	3 3/8"
1816	42x84"	Long Drawer	42 3/8"	32"	2"
		Tool Drawer with No. 129 Tray	20"	32"	3 3/8"
		Supply Drawer	20"	32"	3 3/8"

HANDY  
*Reference Space*



## No. 1800 *Steelwood* DRAWING TABLE

GIVES YOU A STATIONARY REFERENCE SURFACE

(Patent Applied For)

Here is a new Steelwood Table that gives you a stationary top surface for reference or instruments in addition to an adjustable drawing board top. If your drafting room space is limited, you will find this table an efficient space-saver. For art work, the stationary surface is especially useful as water jars and paints can be safely placed in it.

The adjustable portion of the top is a 36x48" wide California Sugar Pine drawing surface with steel end-cleat reinforcement. To adjust it, turn the lever on the side of the table and set it to any angle up to

46°. No hand wheels to adjust or tighten. The top locks rigidly at the desired angle.

The stationary top is 22 $\frac{3}{4}$ " wide by 36" deep. It is made of high quality pine with maple end cleats. The heavy welded steel base (regular lifetime Steelwood construction) has a 24 $\frac{1}{2}$ x41 $\frac{3}{8}$ x1 $\frac{9}{16}$ " reference drawer and a 24x17 $\frac{5}{8}$ x3 $\frac{3}{4}$ " tool drawer with lock and tool tray. Drawer unit No. 1827, shown below, can be put under the tool drawer to provide extra drawer space. 72" wide, 36 $\frac{3}{4}$ " deep, and 37 $\frac{1}{2}$ " high overall. Base is finished olive green.

### AUXILIARY DRAWER UNITS FOR HAMILTON STEELWOOD TABLES

#### Keep Drawing Surface Clear

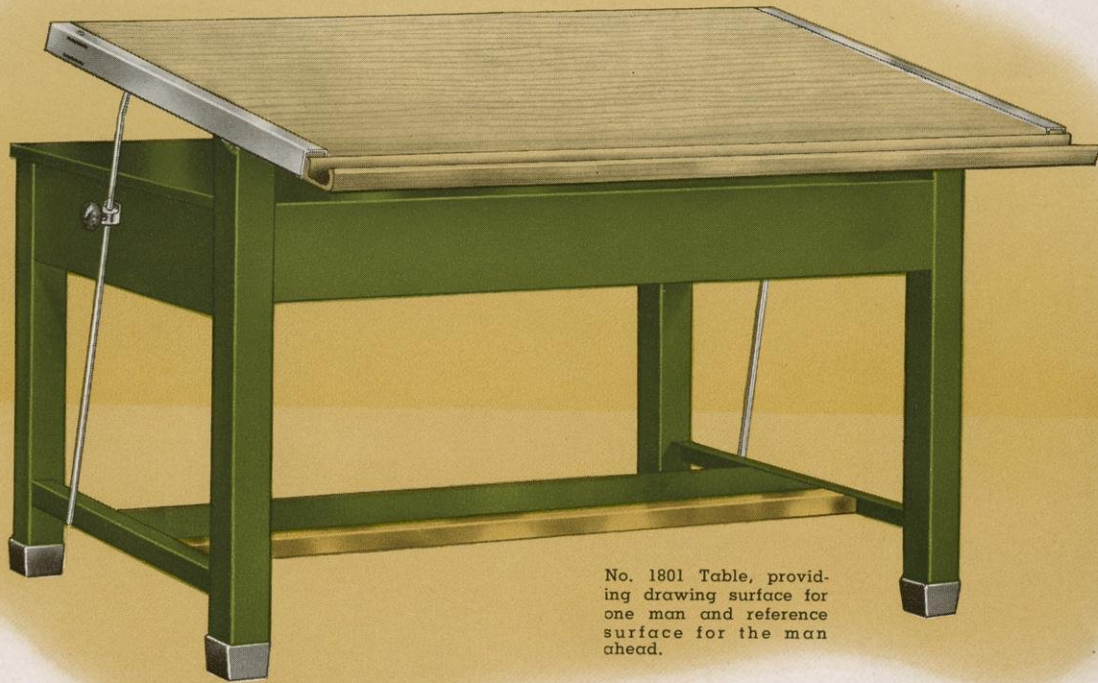
If you need more drawer space in your Steelwood table, add one of these 2-drawer units. You can easily install it at any time. It provides a supply drawer and a deep drawer for your correspondence and catalogs. The unit is made of birch. The light, easy-running drawers are made of wood with non-warping Composition Board bottoms and steel fronts. All drawer edges are rounded to prevent splintering. Finished in olive green with black pulls to match Steelwood Tables. Made in two sizes, be sure to specify correct number when ordering.

No. 1824 for No. 1802 Table: Tool Drawer, 10 $\frac{1}{8}$ x25x6"; Catalog Drawer, 9 $\frac{3}{4}$ x25x12 $\frac{1}{8}$ ". Overall, 12 $\frac{1}{8}$ x29 $\frac{1}{4}$ x21 $\frac{1}{8}$ ".

No. 1827 for Nos. 1800, 1806, 1808, 1812: Tool Drawer, 17 $\frac{1}{4}$ x25x6"; Catalog Drawer, 17x25x12 $\frac{1}{8}$ ". Overall, 20x29 $\frac{1}{4}$ x21 $\frac{1}{8}$ ".

(These units also made for wood tables. See page 29.)





No. 1801 Table, providing drawing surface for one man and reference surface for the man ahead.

## *More Working Space* ... IN LESS FLOOR SPACE

The No. 1801 Steelwood Table is especially designed to conserve space in the drafting room. A row of these tables provides each man with a fixed height drawing surface and a reference surface as shown in the detail drawing at lower right. Comfortable, efficient, posture-back office chairs can be used with these tables. The drawing board is adjustable from horizontal to vertical or any intermediate angle, but its height is fixed. The board is 36½" high when it is in the flat position. A 36x60", 36x72", or 42x72" drawing board can be supplied. The reference side of the table has a tool drawer equipped with lock and tool tray. Welded construction in the sturdy steel base assures you of rigidity and long life. The base is 56½" wide and 30⅝" from front to back. Wood shoes on the legs prevent injury to the floor when moving tables.

The drawing board top is made of California Sugar Pine, soft and evenly grained. It has steel end cleats for additional rigidity and strength and a pencil trough at the front.

No. 1801 Table has a 36x60" top. No. 1801-A has a 36x72" top. No. 1801-B has a 42x72" top. Finish of the steel base is olive green; the drawing board is protected with Manolac varnish.



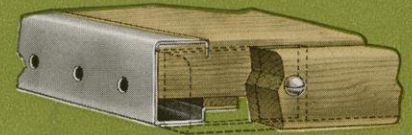
### SERVES DOUBLE PURPOSE

The rear or reference side of the No. 1801 table, shown above, provides a working surface and tool drawer. The illustration below shows how both sides of the table can be efficiently used when tables are placed in a row, thus conserving space and increasing efficiency in the drafting room.



# YOU GET MORE FOR YOUR MONEY WITH HAMILTON 4-POST WOOD TABLES

You get longer service life from Hamilton 4-Post Wood Tables because they are made of expertly seasoned wood, carefully machined for perfect fitting joints, and rigid assembly.



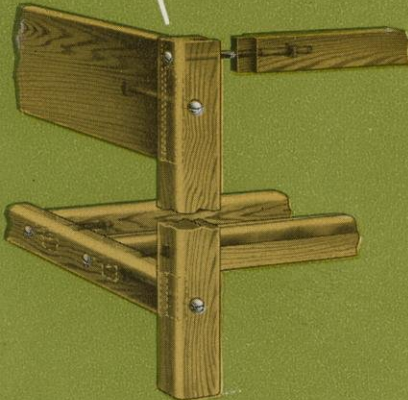
## Finest Drawing Surface

California Sugar Pine makes the best drawing surface. It is used EXCLUSIVELY in Hamilton Tables. Thumb tacks go into the smooth, even grain easily . . . there are no hard spots or sappy streaks . . . and the holes are largely self-sealing due to natural resiliency and closeness of the graining. The wood is expertly seasoned and tempered in our own dry kilns to assure protection against warping and steel end cleats are added to the board to reinforce it and hold it true. Notice the rounded oak apron strip at the front of the board with a  $\frac{5}{16}$ " slot to protect long sheets of paper.



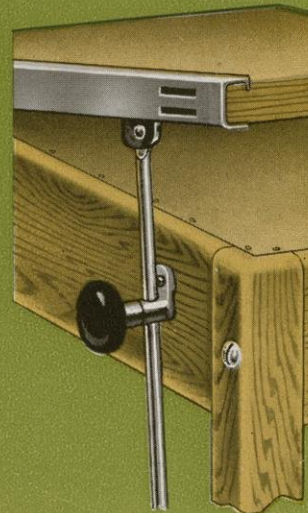
## Rigid Assembly

All parts of Hamilton Tables are accurately mortised and tenoned for close-fitting joints and rigid assembly. We assemble every table before shipment to be sure all parts fit perfectly. The bolts can be easily drawn tight to make a rigid assembly. Notice the rounded corners of the legs and the brass angle on the foot rail.



## Positive Raising Device

Each adjustable Hamilton 4-Post Table has two of these simple, positive raising devices. They are easy to operate . . . positive and dependable. Made of steel, zinc plated. Illustration also shows Composition Board table cover to keep dust out of drawers.



You get more for your money with Hamilton 4-Post Tables because they are efficient, rigid, vibrationless, convenient, comfortable, and accurate. The seasoned, genuine California Sugar Pine Drawing Boards are smooth, level, and square. Zinc-plated steel end cleats hold them true. The drawer equipment is interchangeable with standard units so that you can get any of eight drawer arrangements. The legs are made of 3-inch square glued-up stock for greater strength. All corners are rounded for

better appearance. The easy-running drawers have non-warping Composition Board drawer bottoms. A Composition Board panel covers the base of adjustable top tables to keep dust out of drawers. Standard height is 34", but 3" raising blocks are supplied. All tool drawers have locks. Body of table is finished light golden oak. Drawing board has one coat of specially thinned varnish and one side is sanded smooth. Tables shipped knocked down. Extremely rigid after assembling, with all bolts tightened.

# Hamilton FOUR POST Wood Tables

## SEVEN DRAWER ARRANGEMENTS TO CHOOSE FROM

Here you can see at a glance the seven basic drawer arrangements of Hamilton Wood 4-Post Tables. (Any of these arrangements can also be supplied on Steel-wood Tables, see pages 23 to 25.) The sizes of tops and drawers for each design are shown opposite the table illustrations. All tables are made of expertly seasoned and tempered wood for long service. The drawing surfaces are made of California Sugar Pine and have steel end cleats as additional protection against warping. An oak apron strip at the front of the board provides a  $\frac{5}{16}$ " opening for long tracings. All corners of the tables are rounded to im-

prove the appearance. The drawers have non-warping Composition Board bottoms and are carefully fitted to run smoothly and evenly. All tool drawers are equipped with locks and have a tool tray and an ink bottle tray. The body of each table is finished in light golden oak. The drawing board is finished with one coat of varnish, both sides, and the top side is sanded smooth. Drawer pulls are chrome plated. Standard height is 34", but 3" raising blocks are included so you can make the height 37" if desired. Tables shipped knocked down.

### PLAIN 4-POST TABLE WITHOUT DRAWERS

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
250-A	36x60"	Adjustable	Without Drawers
255-A		Fixed	
220	36x72"	Adjustable	Without Drawers
225		Fixed	
230	42x84"	Adjustable	Without Drawers
240		Fixed	



### 4-POST TABLE WITH ONE TOOL DRAWER (Including lock, two keys, and tray)

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
251	36x60"	Adjustable	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "
256		Fixed	
221	36x72"	Adjustable	Tool Drawer 17 $\frac{5}{8}$ x24 x 3 $\frac{3}{4}$ "
226		Fixed	
230-A	42x84"	Adjustable	Tool Drawer 20 $\frac{1}{8}$ x32 x 3 $\frac{3}{4}$ "
240-A		Fixed	

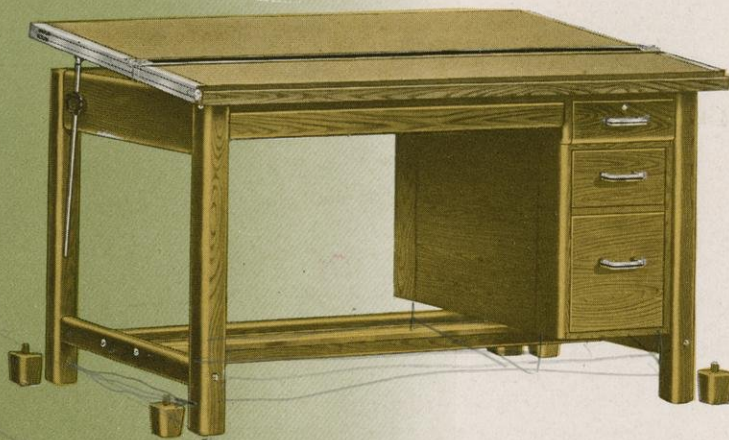


### 4-POST TABLE WITH ONE TOOL DRAWER (Including lock, two keys, and tray) and one large Shallow Drawer

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
250	36x60"	Adjustable	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "
255		Fixed	Shallow Drawer 36 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 2"
221-A	36x72"	Adjustable	Tool Drawer 17 $\frac{5}{8}$ x24 x 3 $\frac{3}{4}$ "
226-A		Fixed	Shallow Drawer 41 $\frac{7}{16}$ x25 x 2"
231	42x84"	Adjustable	Tool Drawer 20 $\frac{1}{8}$ x32 x 3 $\frac{3}{4}$ "
241		Fixed	Shallow Drawer 50 $\frac{1}{8}$ x32 x 2"







4-Post Table with one Tool Drawer (including lock, two keys, and tray) and one Shallow Drawer and 2-Drawer Unit No. 189 or No. 190.

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
250-D	36x60"	Adjustable	Tool Drawer 10½x26¼x 3¾"
255-D		Fixed	Shallow Drawer 36½x26¼x 2"
			Supply Drawer 10¾x25 x 3½"
			File Drawer 9¾x25 x12½"
221-AD	36x72"	Adjustable	Tool Drawer 17¾x24 x 3¾"
226-AD		Fixed	Shallow Drawer 41¾x25 x 2"
			Supply Drawer 17¾x25 x 3½"
			File Drawer 16½x25 x12½"
231-D	42x84"	Adjustable	Tool Drawer 20½x32 x 3¾"
241-D		Fixed	Shallow Drawer 50½x32 x 2"
			Supply Drawer 17¾x25 x 3½"
			File Drawer 16½x25 x12½"



4-Post Table with two Tool Drawers—interchangeable (one including lock, two keys, and tray) and one Shallow Drawer.

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
222	36x72"	Adjustable	Tool Drawers 17¾x25 x 3¾"
227		Fixed	Shallow Drawers 37¾x25 x 2"
			37-K Unit
235	42x84"	Adjustable	Tool Drawers 17¾x25 x 3¾"
245		Fixed	Shallow Drawers 37¾x25 x 2"
			37-K Unit
232	42x84"	Adjustable	Tool Drawers 20 x32 x 3¾"
242		Fixed	Shallow Drawer 42¾x32 x 2"
			32-K Unit

Note: Not made in 36x60" size.



4-Post Table with two Tool Drawers—interchangeable (one including lock, two keys, and tray) and three Shallow Drawers.

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
223	36x72"	Adjustable	Tool Drawers 17¾x25 x 3¾"
228		Fixed	Shallow Drawers 37¾x25 x 2"
			37-M Unit
236	42x84"	Adjustable	Tool Drawers 17¾x25 x 3¾"
246		Fixed	Shallow Drawers 37¾x25 x 2"
			37-M Unit
233	42x84"	Adjustable	Tool Drawers 20 x32 x 3¾"
243		Fixed	Shallow Drawers 42¾x32 x 2"
			37-M Unit

Note: Not made in 36x60" size.



4-Post Table with two Tool Drawers—interchangeable (one including lock, two keys, and tray) and six Shallow Drawers.

Table No.	Table Top Size	Type of Table Top	Equipment (Inside Size)
224	36x72"	Adjustable	Tool Drawers 17¾x25 x 3¾"
229		Fixed	Shallow Drawers 37¾x25 x 2"
			37-K and 37-C Units
237	42x84"	Adjustable	Tool Drawers 17¾x25 x 3¾"
247		Fixed	Shallow Drawers 37¾x25 x 2"
			37-K and 37-C Units
234	42x84"	Adjustable	Tool Drawers 20 x32 x 3¾"
244		Fixed	Shallow Drawers 42¾x32 x 2"
			32-K and 32-C Units

Note: Not made in 36x60" size.

### No. 189 and No. 190 Auxiliary Units

The unit illustrated at left provides an extra supply drawer and a large file drawer for your catalogs and correspondence. The large drawer has a metal follower to hold catalogs upright. It is supplied with the Nos. 250-D, 255-D, 221-AD, 226-AD, 231-D, and 241-D.

However, it can also be bought separately and it can be added to a table at any time. Drawer edges are rounded to prevent slivering. Drawer bottoms are of non-warping Composition Board. Finished golden oak, same as drawing tables, and pulls are chrome plated to match table drawer pulls. Made in two sizes: No. 189 for No. 250 and No. 255 Tables and No. 190 for larger tables.

No. 189—Overall, 12½x27¾x19½". Supply drawer, 10¾x25x3½" inside. File drawer, 9¾x25x12½" inside.

No. 190—Overall, 20x27¾x19½". Supply drawer, 17¾x25x3½" inside. File drawer, 16½x25x12½" inside.



# ADJUSTABLE Hamilton

## WOOD 4-POST TABLES

(Patent Applied For)

These Hamilton 4-Post Tables are *adjustable in height* as well as slant of the board. From the base height of 34" the board can be raised to a horizontal height of 45" because the table has four raising devices, two at the front and two at the rear. In other respects, these tables are the same as the 4-Post Tables shown on pages 27, 28, and 29. Without drawers, the table numbers are: 36x60" top, No. 140; 36x72" top, No. 143; 42x72" top, No. 146; 42x84" top, No. 151. Typical drawer arrangements possible are shown at left.



4-Post Adjustable Table with One Tool Drawer  
(including lock, two keys, and tray).

Table Number	Table Top Size	Equipment (inside size)	
140-A	36x60"	Tool Drawer	10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "
143-A	36x72"	Tool Drawer	17 $\frac{5}{8}$ x24 x 3 $\frac{3}{8}$ "
146-A	42x72"	Tool Drawer	17 $\frac{5}{8}$ x24 x 3 $\frac{3}{8}$ "
151-A	42x84"	Tool Drawer	20 $\frac{1}{8}$ x32 x 3 $\frac{3}{4}$ "

4-Post Adjustable Table with One Tool Drawer  
(including lock, two keys, and tray) and one shallow drawer.

Table Number	Table Top Size	Equipment (inside size)	
140-B	36x60"	Tool Drawer	10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "
		Shallow Drawer	36 $\frac{1}{2}$ x26 $\frac{5}{8}$ x 2"
143-B	36x72"	Tool Drawer	17 $\frac{5}{8}$ x24 x 3 $\frac{3}{8}$ "
		Shallow Drawer	41 $\frac{1}{8}$ x25 x 2"
146-B	42x72"	Tool Drawer	17 $\frac{5}{8}$ x24 x 3 $\frac{3}{8}$ "
		Shallow Drawer	41 $\frac{1}{8}$ x25 x 2"
151-B	42x84"	Tool Drawer	20 $\frac{1}{8}$ x32 x 3 $\frac{3}{4}$ "
		Shallow Drawer	50 $\frac{1}{8}$ x32 x 2"

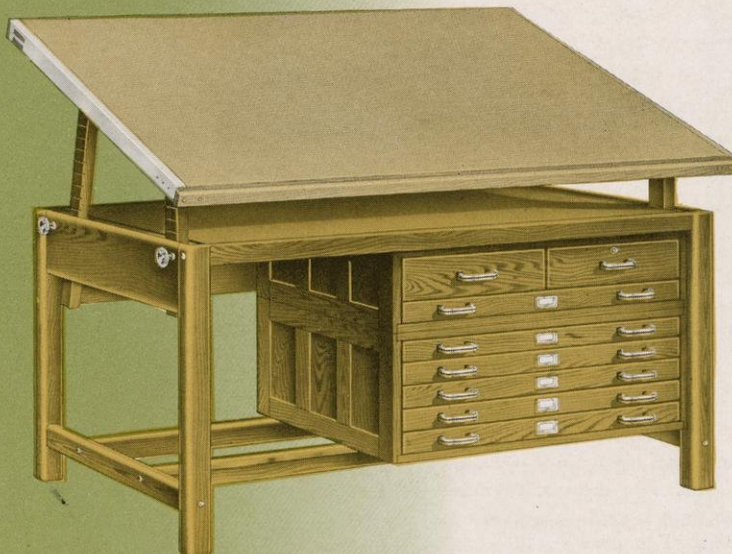
2-Drawer Units Nos. 189 or 190 (page 29) can be used with these tables.

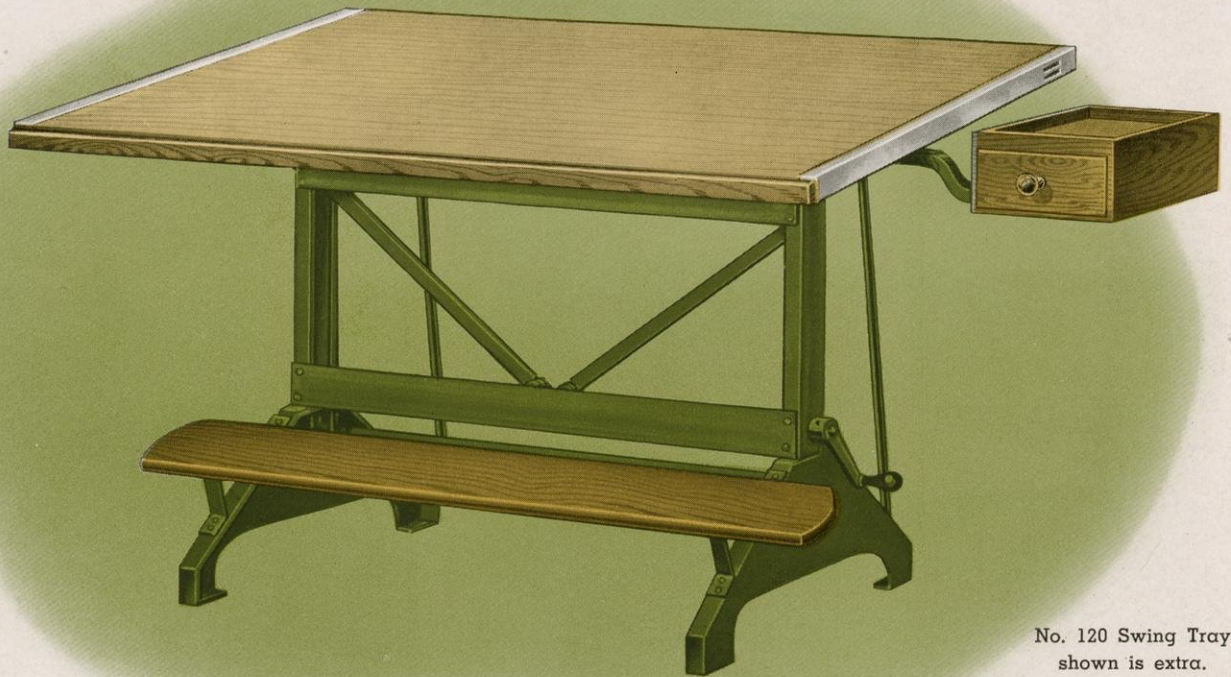
4-Post Adjustable Table with Two Tool Drawers  
(one including lock, two keys, and tray) and one shallow drawer.  
The two tools drawers are interchangeable.

Table Number	Table Top Size	Equipment (inside size)	
141	36x60"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		1 Shallow Drawer	37 $\frac{5}{8}$ x25 x 2"
144	36x72"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		1 Shallow Drawer	37 $\frac{5}{8}$ x25 x 2"
147	42x72"	2 Tool Drawers	20 x32 x 3 $\frac{3}{8}$ "
		1 Shallow Drawer	42 $\frac{3}{8}$ x32 x 2"
148	42x72"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		1 Shallow Drawer	37 $\frac{5}{8}$ x25 x 2"
152	42x84"	2 Tool Drawers	20 x32 x 3 $\frac{3}{8}$ "
		1 Shallow Drawer	42 $\frac{3}{8}$ x32 x 2"
153	42x84"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		1 Shallow Drawer	37 $\frac{5}{8}$ x25 x 2"

4-Post Adjustable Table with Two Tool Drawers  
(one including lock, two keys, and tray) and six shallow drawers.  
The two tool drawers are interchangeable.

Table Number	Table Top Size	Equipment (inside size)	
142	36x60"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		6 Shallow Drawers	37 $\frac{5}{8}$ x25 x 2"
145	36x72"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		6 Shallow Drawers	37 $\frac{5}{8}$ x25 x 2"
149	42x72"	2 Tool Drawers	20 x32 x 3 $\frac{3}{8}$ "
		6 Shallow Drawers	42 $\frac{3}{8}$ x32 x 2"
150	42x72"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		6 Shallow Drawers	37 $\frac{5}{8}$ x25 x 2"
154	42x84"	2 Tool Drawers	20 x32 x 3 $\frac{3}{8}$ "
		6 Shallow Drawers	42 $\frac{3}{8}$ x32 x 2"
155	42x84"	2 Tool Drawers	17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ "
		6 Shallow Drawers	37 $\frac{5}{8}$ x25 x 2"





No. 120 Swing Tray shown is extra.

# Steel Base DRAWING TABLES

You can draw with accuracy and comfort on this rigid Steel Base Table. It is the strongest, sturdiest, and heaviest pedestal type of table on the market. The base is made entirely of steel, except for the adjusting crank. It can't break in shipment or in use. The all-welded steel construction assures rigidity and eliminates any danger of wobbliness or vibration.

## Easy to Adjust for Height or Slant

It is simple to adjust the height of the drawing surface on Steel Base Tables. Just turn the crank handle on the right side of the base and the spiral shaft elevating mechanism raises or lowers the top to the position you want. The mechanical advantage of the spiral shaft (which is not visible from the front) does the heavy work for you and makes height changes easy and simple. The sketches at the right, showing the rear view of the table, illustrate the spiral shaft mechanism. Two handwheels on the uprights are provided to lock the top rigidly at the proper height. Adjustments for slant are made as shown in Figure 2. The front of the board is hinged to the base so that the two handwheels at the back can be loosened, the board tilted to desired angle, and then tightened.

## California Sugar Pine Top

The genuine California Sugar Pine Drawing Board is an ideal drawing surface. It is smooth, level, closely and evenly grained, and has no hard spots or sappy streaks.

## SPECIFICATIONS

Made in three sizes: No. 211, top 36x48"; No. 213, top 36x60"; No. 215, top 42x72"; steel base finished olive green. Drawing board has steel end cleats and rounded front apron with  $\frac{5}{16}$ " opening. Floor space of base is  $41\frac{3}{8} \times 26\frac{1}{2}$ ".

No. 120 Swing Drawer Tray shown is extra . . .  $14\frac{1}{2} \times 10\frac{5}{16} \times 5\frac{7}{8}$ " outside . . . tool drawer  $13 \times 8\frac{3}{4} \times 3\frac{1}{2}$ " inside . . . includes mounting bracket.



Fig. 1

No. 213 Table (rear view) showing top adjusted to medium height and board at sharper tilt which is desirable at this height. (Note the partially spread position of the elevating levers.)

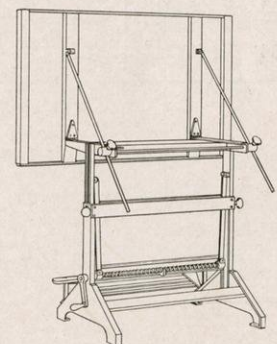


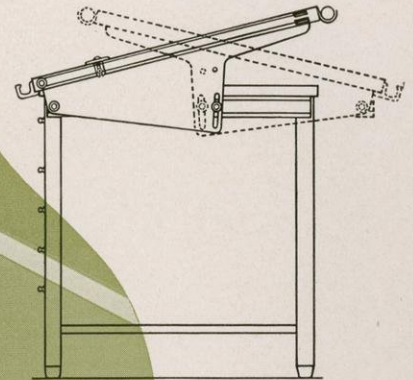
Fig. 2

No. 213 Table (rear view) showing top adjusted to maximum height and board in upright position for vertical drafting. (Note that the elevating levers are spread completely, parallel with the two upright posts of the table.)

# Hamilton-Calumet

## EFFICIENCY ENGINEERING DESKS

(Patent Applied For)



### REVERSIBLE DRAWING BOARD

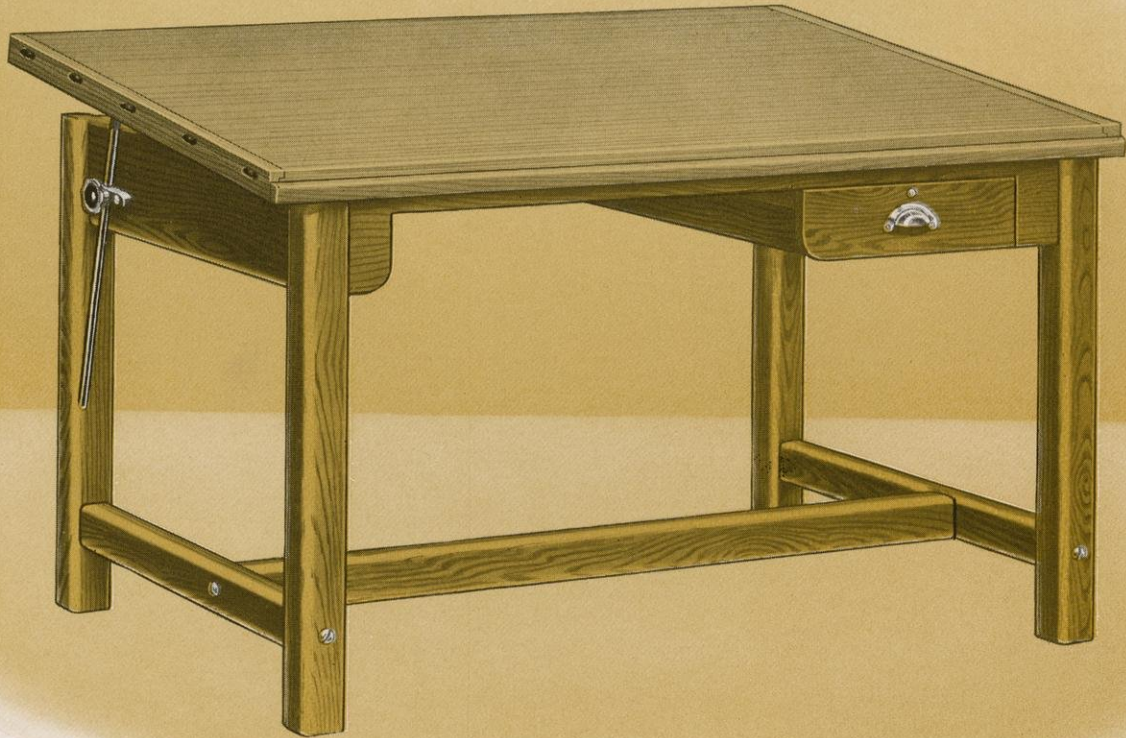
The Drawing Board is reversible on Engineering Desks. It can be used as shown in the illustrations below, with the drawers on the draftsman's side of the table, or it can be reversed as shown by dotted lines above so that the drawers are on the opposite side. In the reversed position tables can be used in a row like Auto-Shift Tables and each draftsman uses the reference surface and drawers of the table behind him. Top is mounted in a channel so that it can be projected over the edge of the table any required distance.

The Hamilton-Calumet Engineering Desk can be used as a complete unit by one draftsman, or the board can be reversed so that it can be used in a row and provide reference surface space in addition to the drawing board surface. The base is similar to a fine steel desk. All-welded construction is used for permanent rigidity. The base is 61" wide, 34" deep, and 36" high. It is finished in olive green, set off by brass pulls and brass leg shoes. The drawing board is adjustable to 42° and has a wood pencil trough at the front. Board is channel mounted and can be moved forward or back and set at the most comfortable drawing position. Board is of California Sugar Pine with steel end cleats. (Parallel rule attachments shown on table are extra.) Important: Order the No. 19061 Foot Rest Rail when desks are to be used in a row (shown in illustration above).



Table No.	Size of Top	Drawer Equipment	Inside Drawer Dimensions		
			Width	Depth	Height
		Shown at upper right.			
19062	36x64"	One large, shallow drawer at left	39 7/8"	28"	2 1/8"
19063	36x72"	One tool drawer at right with lock, sliding			
19064	42x84"	Tool Tray No. 130, and compartments for ink bottles	10"	27"	5"
		Shown at middle right.			
19062-A	36x64"	One large, shallow drawer at left	39 7/8"	28"	2 1/8"
19063-A	36x72"	One tool drawer at right with lock, sliding			
19064-A	42x84"	Tool Tray No. 130, and compartments for ink bottles	10"	27"	5"
		Drawer Unit No. 19063-C, under tool drawer, consisting of one blank drawer	11 7/8"	25"	4 1/4"
		One letter-file or catalog drawer, with follower	11 7/8"	25"	10 3/4"
		Shown at lower right.			
19062-B	36x64"	One large, shallow drawer at left	39 7/8"	28"	2 1/8"
19063-B	36x72"	One tool drawer at right with sliding			
19064-B	42x84"	Tool Tray No. 130, and compartments for ink bottles	10"	27"	5"
		Drawer Unit No. 19064-D, under tool drawer, consisting of four blank drawers	11 7/8"	25"	4 1/4"

# HAMILTON *Monarch* DRAWING TABLES



## LOW IN COST . . . HIGH IN QUALITY

You save money without sacrificing quality when you use Hamilton Monarch Tables. Monarch Tables are the only Hamilton 4-Post Tables available in sizes 36x48" and 36x54". The Monarch Drawing Table is a lower cost model similar to regular Hamilton 4-Post Tables except that it has a soft basswood drawing surface with oak end cleats.  $1\frac{1}{16}$ " thick selected clear basswood, that has been thoroughly seasoned, kiln dried, and scientifically treated, is used for the top. It is finished on both sides and sanded smooth on one side. The hardwood end cleats are attached with heavy screws and oblong washers to allow for contraction and expansion.

You can adjust the slope of the top with the simple, positive raising devices on each side of table. They lock securely, without slipping or wobbling, at the slant you desire. When the top is horizontal, it is 34" high, but a set of four raising blocks is sup-

plied with the table so you can make the minimum height 37" if you prefer.

There is a blueprint and reference tracing compartment,  $1\frac{1}{4}$ " high, under the drawing board that is useful for reference material.

The tool drawer is divided into convenient compartments and has a sliding tool tray No. 132. It is equipped with a lock. The drawer bottom is of non-warping composition board, not ordinary wood.

A full-width hardwood apron at the front edge of the board is mounted to allow  $\frac{5}{16}$ " space for handling long drawings.

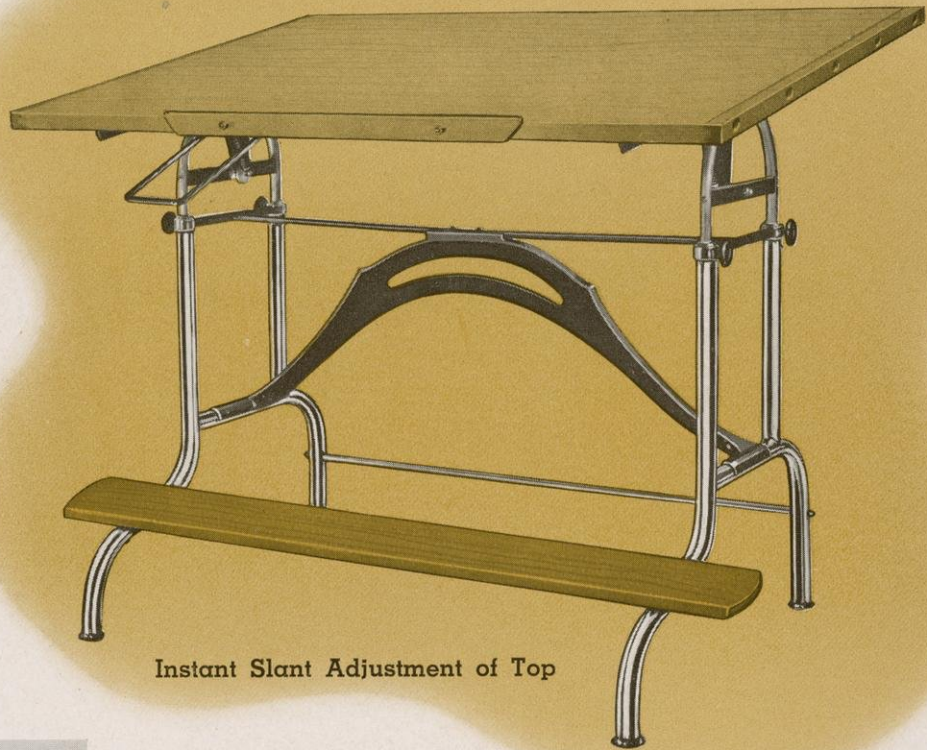
All corners are rounded to give the table a smooth, modern appearance and to minimize the possibility of splintering corners. Finished in light golden oak with black hardware. For additional drawer space, 2-drawer unit No. 189 (page 29) can be added below the tool drawer.

Table No.	Drawing Board	Blueprint Compartment	Tool Drawer with Sliding Tray
166	36x48x $1\frac{1}{16}$ "	28 $\frac{3}{4}$ x40 $\frac{1}{8}$ x $1\frac{1}{4}$ "	25 $\frac{5}{8}$ x 7 $\frac{7}{8}$ x3 $\frac{1}{2}$ "
167	36x54x $1\frac{1}{16}$ "	28 $\frac{3}{4}$ x40 $\frac{1}{8}$ x $1\frac{1}{4}$ "	25 $\frac{5}{8}$ x 7 $\frac{7}{8}$ x3 $\frac{1}{2}$ "
168	36x60x $1\frac{1}{16}$ "	28 $\frac{3}{4}$ x52 $\frac{7}{8}$ x $1\frac{1}{4}$ "	25 $\frac{5}{8}$ x13 x3 $\frac{1}{2}$ "
169	36x72x $1\frac{1}{16}$ "	28 $\frac{3}{4}$ x52 $\frac{7}{8}$ x $1\frac{1}{4}$ "	25 $\frac{5}{8}$ x13 x3 $\frac{1}{2}$ "

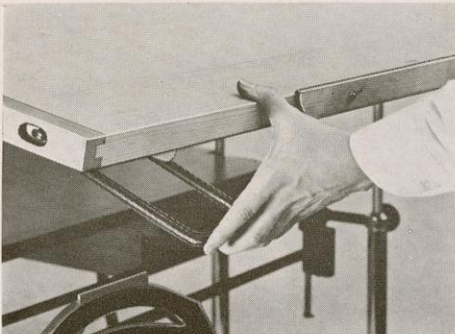
HAMILTON

# Stremeline DRAWING TABLES

For those who want the newest in drawing tables . . . a modern, streamlined, chrome-finished steel tubing base with an Auto-Shift top tilt adjustment for quickly and easily setting the top at any angle.



Instant Slant Adjustment of Top



INSTANT TOP ADJUSTMENT

Just close the trip lever shown above and swing the top to any angle from horizontal to vertical. No fuss. No handwheels to tighten. Change the board slant instantly whenever you wish. Locks rigidly at the angle you want.

You can set the drawing surface of the new Hamilton Stremeline Table at any angle . . . instantly and easily. It is equipped with an Auto-Shift top tilt mechanism that makes this possible (shown at left).

You draw in comfort at Stremeline Tables. You can use it at standing or stool height . . . or set it low to use in sitting position with a posture swivel chair.

For a modern, streamlined drafting room, the *Stremeline* Table is ideal. Its rigid base is made of strong welded steel tubing, finished in gleaming satin chrome. The steel cross bracing is black crackle finish. Hard rubber feet prevent damage to your floor. The top is of selected California sugar pine with hardwood end cleats, the finest drawing surface known. Height adjustment controlled by four handwheels. Wood foot rest is 5" wide and 47" long. Available in six top sizes: No. 410, 36x48"; No. 411, 36x54"; No. 412, 36x60"; No. 413, 36x72"; No. 414, 42x60"; No. 415, 42x72".

EXTRAS: Can be put on at any time and can be ordered separately. No. 410-R Gear Raising Device, see illustration, lower left. No. 410-S Auxiliary Reference Surface, see below.



GEAR RAISING DEVICE

An extra convenience you can put on the table at any time . . . a crank-operated raising mechanism to make height changes easily. Adjustable from 33 $\frac{3}{4}$ " to 42". No. 410-R.

## AUXILIARY REFERENCE SURFACE

The reference surface shown in the back view at right is an extra which can be added to the table at any time. It provides a reference surface 25 $\frac{1}{2}$ x35 $\frac{1}{2}$ " and a tool drawer 10 $\frac{1}{2}$ x21 $\frac{1}{2}$ x3 $\frac{3}{4}$ " equipped with lock. Surface is 28" high (new low desk height for comfort). When tables are placed in a row, each draftsman uses the reference surface and foot drawer which is attached to the table behind him.



No. 410-S  
Reference Surface

# HAMILTON *Champion* DRAWING TABLES



Here's a pedestal table that combines 4-post rigidity with low cost. The heavy metal base supports the board solidly without danger of vibration or wobbling.

The Hamilton Champion Drawing Table offers you extra strength and rigidity at pedestal table prices. It rests squarely and solidly on heavy metal base legs. There is no danger of vibration or wobbling. The height adjustment, from 32 to 42", is made by loosening only one big, easy-to-grasp, starwheel placed conveniently on the lower right side. The starwheel is connected to a rod running through the crossbar at the base so that both uprights are clamped securely at the desired height when the single starwheel is tightened. Leaning on the board will not disturb either the height or the slant adjustment of the top.

You can adjust the slope of the drawing board with equal ease. One handwheel controls the slope adjustment. This handwheel tightens clamps on both sides of the table to the heavy circle iron arcs so the top is locked with vise-like firmness at the angle you want. The board can be tilted from flat to almost vertical.

Selected white pine, with hardwood cleats on both ends and underneath, is used on the drawing board top to provide a perfect, flat, soft drawing surface. The boards are expertly seasoned to prevent warpage and to assure you of long service. The top is finished with one coat of Manolac and the top surface is sanded smooth.



A full-width wood foot-rest, as illustrated, is included with the table. The base is of cast iron, accurately machined to hold the hardwood frame securely and the entire base (wood and metal parts) is finished in black enamel. Shipped knocked down.

#### Table Top Specifications

No. 110	.....	31x42x1 $\frac{1}{8}$ "	Top
No. 111	.....	36x48x1 $\frac{1}{8}$ "	Top
No. 111-A	.....	36x54x1 $\frac{1}{8}$ "	Top
No. 112	.....	36x60x1 $\frac{1}{8}$ "	Top
No. 113	.....	42x72x1 $\frac{1}{8}$ "	Top
No. 114	.....	42x84x1 $\frac{1}{8}$ "	Top

#### Swing Trays

At slight extra cost, the Champion Tables can be equipped with a swing tray for instruments. Sketch above shows Swing Tray No. 120. This tray can be put on any Hamilton Pedestal Type Table. When ordering, specify the table they are to be used with so that proper mounting brackets can be supplied.

**No. 120 Swing Drawer** . . . Has drawer 8 $\frac{3}{4}$ x13x3 $\frac{1}{2}$ " inside and open top tray for instruments.

**No. 119 Swing Tray** . . . flat shelf tray with 1 $\frac{1}{4}$ " high closed edges. 7 $\frac{3}{4}$ x11 $\frac{3}{4}$ " inside tray space.

HAMILTON

*Ideal*

DRAWING TABLES

Nos. 157 to 160



No. 157 Ideal Table

The Hamilton Ideal Drawing Table is one of our largest selling tables, because its quality construction makes it an exceptional value at a moderate price.

It is sturdy . . . far more sturdy than other tables sold at a comparable price. For instance, there is an extra set of bracing clamps on each upright that is not supplied on ordinary tables. These clamps can be seen behind the uprights, just above the base, in the illustration above. They reinforce the already firm grip of the starwheel clamps and prevent the top from wobbling, vibrating, or slipping.

To change the height of the table to any point between 32 and 42", just loosen the single starwheel in the base, set the top at the height you want, and tighten the wheel. Both uprights are clamped in place in this single operation. Top adjustments, from horizontal to full easel position, are also made by loosening and tightening only one hand wheel. Top has adjustable front ledge for use when board is vertical.

The top is of selected soft wood with hardwood cleats underneath. Finished on both sides with top side sanded smooth. Base is oak, in light golden oak finish. Metal parts are black enameled. Shipped knocked down. No. 157, top 24x32x $\frac{1}{8}$ "; 158, 31x42x $\frac{1}{8}$ "; 159, 36x48x $\frac{1}{8}$ "; 159-A, 36x54x $\frac{1}{8}$ "; and 160, 36x60x $\frac{1}{8}$ ".

#### **Ideal-Universal Tables** (shown at right)

For commercial artwork especially, the Ideal Table is made with the drawing board mounted on channels that permit the top to slide back and forth. Notice in the three illustrations at right the position of the top in relation to the circle irons which are ordinarily in the center of the board. This shows you how the sliding adjustment makes a more comfortable working arrangement. Made in two sizes: No. 157-A, 24x32", and No. 158-A, 31x42". Maximum height (as in Figure 1) overall, 6 feet. Other specifications same as Ideal Table described above.



Figure 1—Ideal-Universal Table in vertical position and raised to maximum height (6 ft.) for standing easel work. Note adjustable steel ledge or shelf at bottom, for holding work, brushes, tubes, etc.

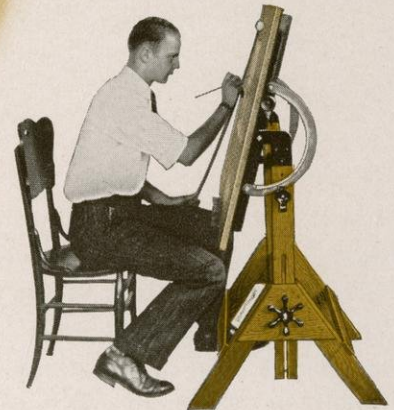


Figure 2—Ideal-Universal Table top tilted at an angle and lowered for sitting easel work. The adjustable shelf at bottom is used in this position.

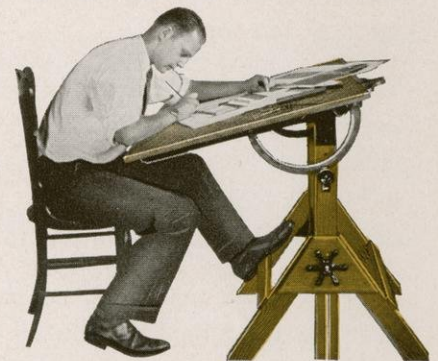


Figure 3—Ideal-Universal Table top in horizontal position, lowered for sitting height. In this position the Adjustable Shelf is pushed back, out of the way.



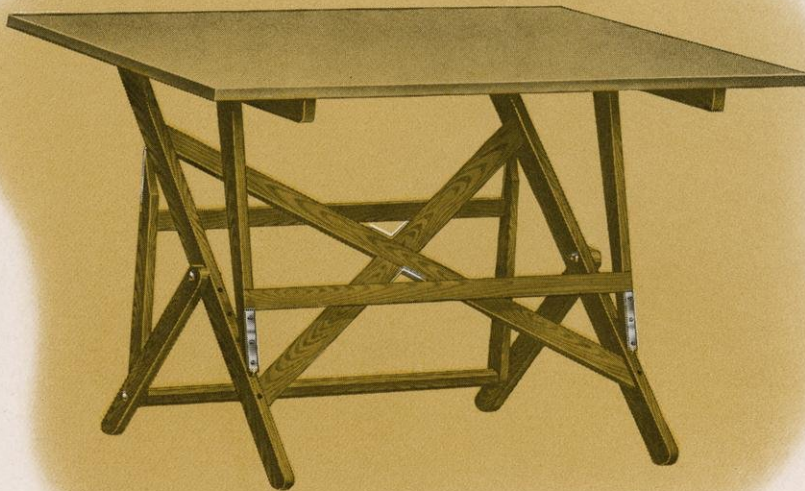
# Perfection-Monroe TABLES

Nos. 175 to 179

This rigid and practical low-priced drawing table has an extra high base to provide a longer guiding channel for the uprights. Each upright has a star wheel for tightening it at the proper height. Diagonal bracing, plus an auxiliary handwheel on each upright, assures you of rigidity and strength. Oak frame, golden oak finish. Steel parts, black enamel. Drawing board top is of clear selected basswood with hardwood cleats underneath. Top is finished in Manolac and top surface is sanded smooth. Adjustable in height from 31" to 41", also adjustable in slant. Five sizes: No. 175, 24x32x $\frac{1}{8}$ " top; No. 176, 31x42x $\frac{1}{8}$ "; No. 177, 36x48x $1\frac{1}{8}$ "; No. 178, 36x54x $1\frac{1}{8}$ "; No. 179, 36x60x  $1\frac{1}{8}$ ".



No. 175 Perfection-Monroe Table



No. 170 Trestle Table

## Trestle

# DRAWING TABLES

Nos. 170 to 172

The Hamilton Trestle Table can be folded up compactly when not in use. Yet it is rigid when set up for drawing. Adjustable in height from 29" to 42". Slope of board is also adjustable. The sturdy hardwood frame is finished natural. Clear, soft pine drawing board with reinforcing cleats underneath. Shipped knocked down. Three sizes: No. 170, 31x42x $\frac{1}{8}$ " top; No. 171, 36x48x $1\frac{1}{8}$ "; No. 172, 36x60x  $1\frac{1}{8}$ ". Ideal for contractors and engineers.

# Folding DRAWING TABLES

Nos. 162 to 164



No. 162 Table Folded

This light, portable, folding table permits ideal flexibility in arrangement of space. It is an excellent value at low cost. The drawing board top is easily adjustable to any desired tilt. Very compact when folded. The top is of selected clear basswood, with hardwood cleats underneath. Top finished with one coat Manolac, sanded smooth. Frame is oak, light golden oak finish. Metal parts are black enameled. Shipped knocked down.

Table No.	Size of Top	Height
162	24x32x $\frac{1}{8}$ "	30"
163	31x42x $\frac{1}{8}$ "	38"
164	36x48x $\frac{1}{8}$ "	38"



No. 162 Folding Table

# HAMILTON *Economy* DRAWING TABLE

This is truly an economy drawing table. It is the lowest-priced table in the Hamilton line and one of the best values. Yet it is built with standard Hamilton quality to give you years of service. And it looks better than many tables costing much more.



No. 438 Economy Table

Your best value! A full-size, professional drawing table by Hamilton at a new, low price. Adjustable in height. Adjustable in slope of top. Strongly built of thoroughly seasoned hardwood.

If you are a commercial artist, show card writer, or home study student . . . your drawing table problem is solved with the new Hamilton-Economy drawing table. It is ideal for studio or home. It is light and easy to move and it is attractive in appearance.

### **Attractive Appearance**

The Hamilton-Economy Drawing Table is attractively finished so it will be a credit to your study or studio. And at its low price, you can have it in your studio now at little cost. The base dimension (floor space area) is 20" from front to back and 28" from side to side. Made in two sizes: No. 438, top size 23 x 31"; No. 439, top size 24 x 36".

### **Adjustable Top**

The top is adjustable in slope so that you can easily set it at your best working angle. Just loosen the

two handwheels, set the top at the angle you want, and tighten the handwheels. The top will then be rigidly locked in place so it cannot slip. You can adjust the height, also, anywhere from 30½" to 40¼". 30½" is a comfortable seated working height, while for use with a high stool, or when standing, a higher position is more convenient. Two wing nuts on each upright hold the top firmly at the height you want.

### **Seasoned Soft Basswood Board**

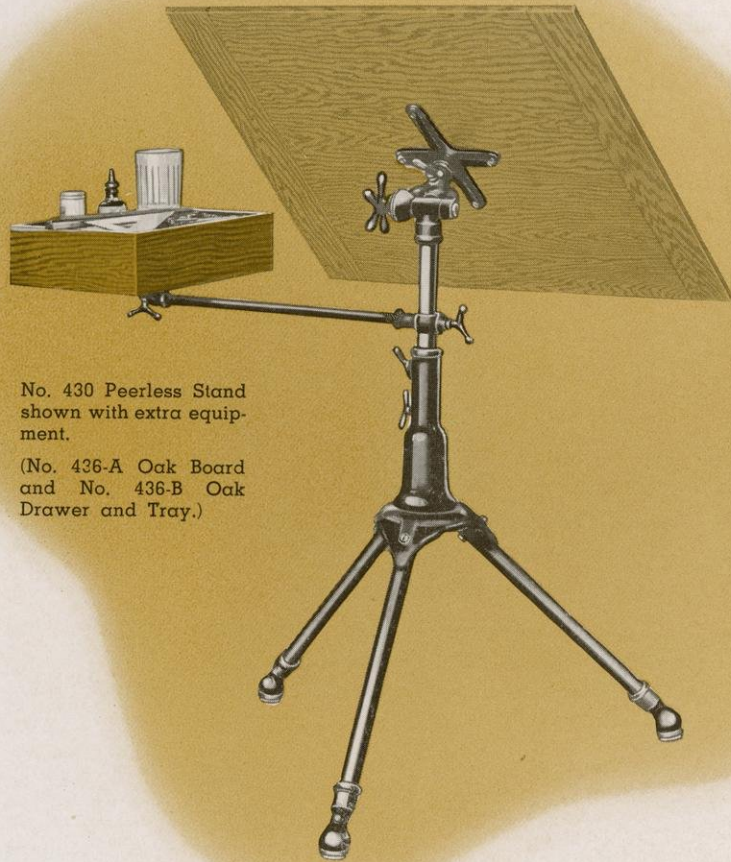
The drawing board is made of fully seasoned, unfinished, clear grain, soft basswood reinforced with two hardwood cleats underneath. This makes a fine smooth drawing surface in which it is easy to put in or take out thumb tacks.

# Hamilton-Hoffman

## DRAWING STANDS

Nos. 430 and 432

(U. S. Patent No. 1542881)



No. 430 Peerless Stand shown with extra equipment.

(No. 436-A Oak Board and No. 436-B Oak Drawer and Tray.)

Hamilton-Hoffman Drawing Stands are made in two models . . . the heavy No. 430 Peerless Stand shown at left and the lighter No. 432 Sterling Stand shown below. Both stands have cork feet for silence and to prevent slipping on the floor. The drawing board (not supplied) can be tilted to any angle or revolved by means of the No. 436-L Universal Head with which each table is supplied. This convenient device makes the stand practical and time-saving for any type of art work. The height is adjustable on the No. 430 Peerless Stand from 31 to 44 $\frac{1}{4}$ ". On the No. 432 Sterling Stand it is adjustable from 24 $\frac{1}{2}$  to 37 $\frac{1}{2}$ ". The price of the stands does not include the drawing board. Any Style "A" Hamilton Board (page 47) or the No. 436-A 24x28" Varnished Oak Board shown in the illustrations can be used. Stands are made of nickel-plated steel and black enameled cast-iron.

Top tilts to any angle, revolves if desired. No. 430 is adjustable in height from 31" to 44 $\frac{1}{4}$ ". No. 432 is adjustable in height from 24 $\frac{1}{2}$ " to 37 $\frac{1}{2}$ ".

### Drawing Board Tilts and Revolves

The Universal Head No. 436-L supplied on all Hamilton-Hoffman stands permits the top to tilt to any angle or to revolve. Drawing board tops are extra and must be ordered separately (see page 47). By ordering extra center plates No. 436-P and attaching them to boards, you can change boards at will and leave unfinished work on the board.

Other extras are:

No. 436-A 24x28" Varnished Oak Top.

No. 436-B Oak Drawer (8 $\frac{3}{4}$ x13x3 $\frac{1}{2}$ " inside) and Tray (10 $\frac{1}{4}$ x14 $\frac{1}{2}$ " ) with arm and bracket for attaching to stand. Shown in illustration above.

No. 436-C Varnished Oak Tray and bracket. Shown on stand at right.

No. 436-M Sector Head and Upright . . . may be substituted for Universal Head when top tilt adjustment only is needed. Price is less.

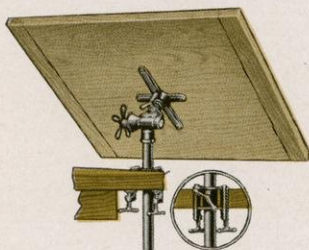
No. 436-N Extension Upright Arm (adds 13" to height.)

No. 436-P Extra Center Plates for attaching to extra boards.

Drawing Board Tops . . . See page 47.



No. 432 Sterling Stand shown with No. 436-C Oak Tray (extra).



### No. 434 Attachable Universal Adjustable Drawing Board Bracket

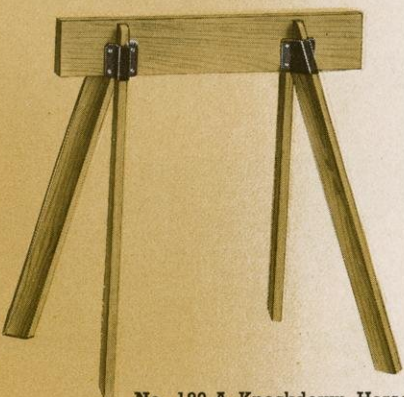
With this bracket you can place your drawing board on the edge of any table that is 1 $\frac{1}{2}$ " or less in thickness. Used with No. 436-L Universal Swivel Head, it allows a range of 17" in height . . . that is, it can be raised 17" higher than its minimum height, which, of course, would be approximately the height of the table to which it is attached.



No. 181 Horse



No. 182 Horse



No. 180-A Knockdown Horse



No. 5983 Typewriter Table

The No. 5983 HAMILTON Typewriter Table is made of carefully selected and seasoned oak, antique finish. The No. 5991 Table is constructed of fine quality birch and is finished in mahogany. Both tables are exactly the same in design . . . the only difference being in the kind of wood and finish. Dimensions: Width, 34"; Depth, 18"; Height, 26½".

# Hamilton

## WOODEN HORSES

Nos. 180 to 182

The system of using individual portable drawing boards of various sizes, according to the requirements of each job, and laying them across Hamilton Wooden Horses whenever work is to be done on them, is very flexible and practicable, because the Wooden Horses can be arranged quickly and easily to carry boards of any width . . . and when the Horses are not in use, they require little storage space.

In many cases, interruptions prevent continuous progress on a job . . . or after starting one job it may be necessary to abandon it for some other demand that is more urgent . . . and in just such cases Wooden Horses make it a very simple matter to remove one drawing board and set up another without any delay and without disturbing the copy on the board.

Hardwood, natural finish. Shipped knocked down, one pair to a carton.

Hamilton Wooden Horses are made in three styles:

No. 180, with Plain Flat Top — 38" long, 37" high.

No. 181, with Sloping Top — 38" long, 38½" high at back and 37" high in front.

No. 182, with Adjustable Top — 38" long.

The adjusting device is removable . . . when it is necessary to use the minimum level height of 34½", the device is removed and the Horses are used without it. Minimum level height 37" (with adjusting device); maximum level height, 46¼".

**No. 180-A, Knockdown Model.** For either storage of temporarily unused Horses, or for easier carrying, the Knockdown Horse No. 180-A is ideal. When not assembled, a pair of them occupy only 6x8x40" of space. Yet they are quickly assembled . . . it is but the work of a few seconds to place the legs in the strong steel sockets. There are no screws, bolts, or nuts used . . . just slip the legs into place, and the heavier the load on the Horses, the more rigid they are. The top rail and the legs are of elm, unfinished. The sockets are of heavy gauge steel, finished in black enamel.

# Hamilton

## TYPEWRITER TABLES

Nos. 5983 and 5991

Here is a sturdy table designed especially for use with a typewriter, but because of its light, strong, and rigid construction it has found many uses in the drafting room. It is 26½" high, which is the standard height for the most convenient operation of a typewriter, allowing ample leg room underneath.

Each table has one drawer 10¼x14½x1½" inside, for erasers, pencils, paper, etc. A handy 10⅝x13" slide at the right of the operator can be used when additional space is needed. It pulls out easily and when not in use disappears into table. These tables are shipped knocked down. It is very easy to re-assemble them. They are packed and shipped singly in strong, corrugated cardboard cartons.



ACCESSORIES

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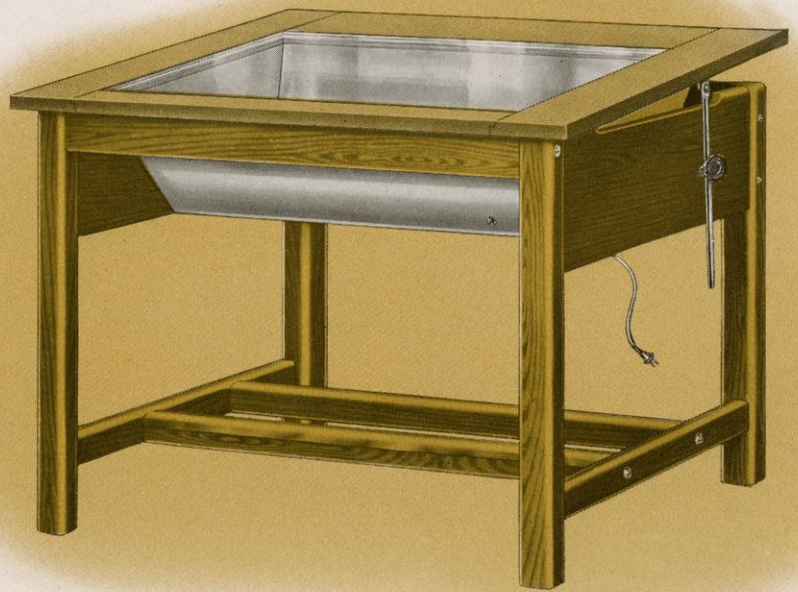
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# Hamilton **FLUORESCENT SHADOWLESS TRACING TABLES**

- **New Fluorescent Tracing Tables**
- **Save Your Eyes**
- **Reduce Glare**
- **Cut Your Light Bill**
- **Distribute Light Evenly**



**No. 165 Fluorescent Table** (above)

Large 24 x 36" plate glass tracing surface, sandblasted underneath to diffuse light. Illuminated by two 30-watt 36", T-8 Daylight Fluorescent Lamps which are complete with ballast, starter, and 10 feet of cord. Top tilts to desired slant, as shown, and white enamel reflector moves with the top. Top is of selected basswood 36 x 48" with one coat of varnish. Base is hardwood, golden oak finish. Height 34"—3" raising blocks and one roll of Scotch Tape supplied. 110-volt *alternating current only*.

**No. 183 Fluorescent Table** (below)

Equipped with two 15-watt, 18", T-8 Daylight Fluorescent Lamps for cool, even, glareless light. Ballast starter and 10 feet of cord included. Plate glass center is 22 x 24", sandblasted on bottom side. Top overall is 31 x 32". Adjustable in slope and in height (32½" x 42"). Entire top can slide forward or backward 15½" on channel suspension. A roll of Scotch Tape is included. White enamel reflector pan, basswood top, oak frame. For 110-volt *alternating current only*.



## Even Light Distribution

In ordinary tables, light is focused mostly in the center, but in the No. 183 and No. 165 tables it is distributed more evenly. The comparative chart of light meter readings below illustrate this graphically:

The Old Way . . . with four 100-watt bulbs.

The New Way . . . two 30-watt fluorescents.

(Yellow figures illustrate old way . . . black figures illustrate new fluorescent lighting distribution. Average intensity of old way, 124 foot candles. Average intensity of new way, 130 foot candles.)

80	60	75	80	75	75	65
50	75	80	75	75	75	50
100	140	150	150	160	150	110
80	180	195	195	190	180	100
200	215	215	215	250	215	225
85	125	150	150	150	125	85
110	155	150	150	175	150	90
100	180	195	200	195	180	100
50	60	60	60	55	50	60
50	70	80	80	80	75	50

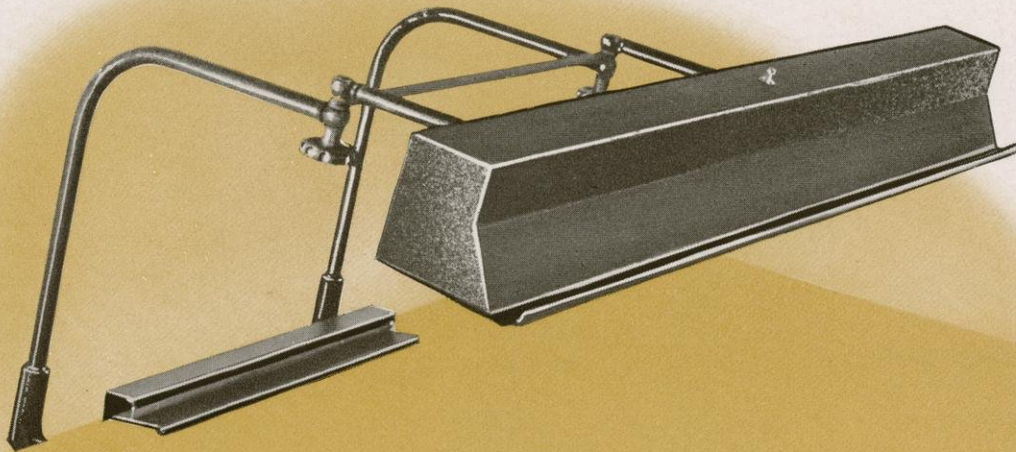
## You Suffer No Eyestrain

The white, glareless, diffused light of these Fluorescent Tracing Tables is easy on your eyes . . . yet every line shows up clearly.

## Saves Current for You

You pay for only 60 watts of current when you use Hamilton Fluorescent Tables. This saves you 340 watts, since 400 watts is necessary to give the same light with ordinary bulbs.

# The New Fluorescent **DRAFTING LIGHT**



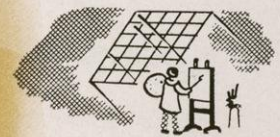
**No. 1810 FLUORESCENT LIGHT**



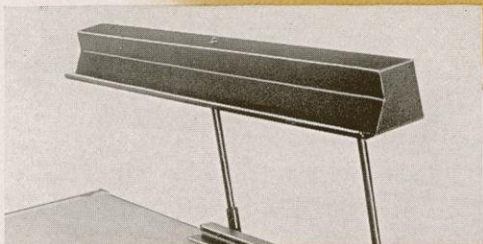
**COOL**



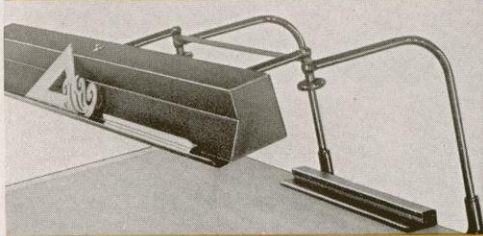
**GLARE-FREE**



**MAN-MADE  
NORTH LIGHT**



When not in use, the light can be pushed back out of the way.



Trough on front of reflector is useful holder for triangles, erasing shields, etc.

At last . . . a local light source for drafting tables that meets your need for cool, glare-free light. You will find new ease for your eyes, new comfort and protection against eyestrain when you use a Hamilton No. 1810 Fluorescent Light. With it, you see your work in natural colors, just as if you were working in daytime north light.

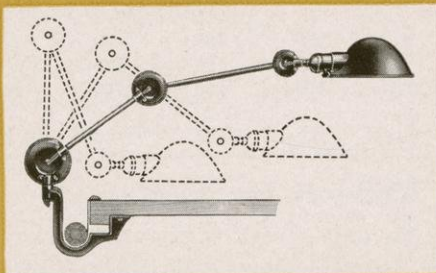
The No. 1810 Light draws only 40 watts. It actually takes less current than ordinary lights, yet it gives you a full 50 to 100 foot candles over the entire drawing board without glare. And it doesn't heat up and get uncomfortable near your head.

In addition you can focus it where you want it and should have the brightest light. The light is mounted on a swivel arrangement that can be pushed back out of the way or pulled out to light up your whole drawing surface. There is a handy trough at the front for instruments, etc.

No. 1810 Hamilton Fluorescent Light, complete with 48" long and 1½" diameter 40-watt Fluorescent Bulb and Transformer.

Operates on 50-60 cycle, 110-120 volts *alternating current only*. Reflector 52" long, black stipple finish outside and white enamel inside. Ready to plug in. Approved by National Board of Fire Underwriters.

## **ADJUSTABLE TABLE LIGHT**



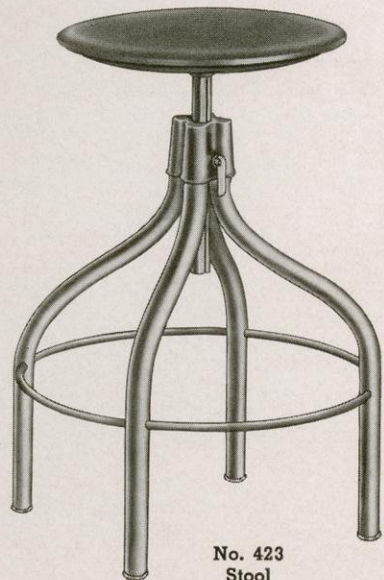
The No. 39 and 39-A Drafting Lights are 100% adjustable. They direct the light exactly where you need it and reduce eyestrain to a minimum. Hard usage will not harm the lights . . . the cord cannot short circuit . . . the joints will never loosen.

No. 39 has a 25" reach from back of board, swivel base, 6½" swivel push-on shade, screw-ring key socket, 6 feet of cord. Finished black.

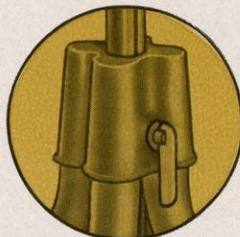
No. 39-A is the same except it has an additional 5" upright and a 10" swivel arm extension which provides a 35" reach from back of board. Finished black.



## THE INDESTRUCTIBLE STOOL



No. 423  
Stool



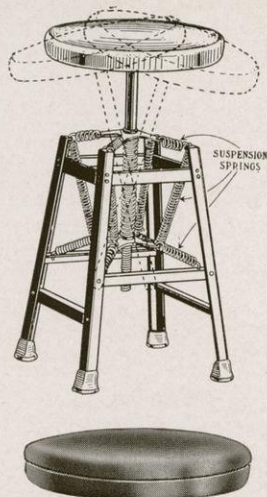
**RAISING DEVICE** — Figure 1: There is no need to revolve the seat to adjust the height of the No. 423 Stool. Just lift the trigger lever shown in the close-up view at left . . . this releases the shaft . . . and lift the seat to desired height. When the lever is released, the seat locks at that height.



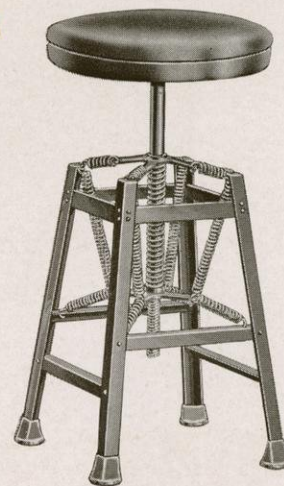
**FINGER GRIP** — Figure 2: There is a finger groove under the seat for convenience in adjusting the height and lifting the stool. Note the  $\frac{1}{4}$ " gray felt top on seat. The seat is  $14\frac{1}{2}$ " in diameter . . . amply large for comfort. It revolves freely at any height.

The No. 423 Hamilton stool is the strongest stool made. Heavy steel tubing is used throughout, securely welded for greater strength and rigidity. You can adjust the height from  $22\frac{3}{4}$ " to  $28\frac{3}{4}$ " as shown in Figure 1 and the felt covered seat revolves freely at any height setting. The  $14\frac{1}{4}$ " diameter gray felt covered seat is large and comfortable. The ring footrest is of  $\frac{7}{16}$ " tubular steel, run *through* the legs and welded to them. It can't come off or break loose. Olive green enamel finish. Four nickel-plated rounded metal shoes are provided.

## FOR COMFORTABLE SITTING



The spring suspension seat of the No. 421 Set-Ezy Stool, protected by Patents Nos. 1398935 and 1407433, assures you a restful sitting position. There is a strong spring in the center to give you vertical cushioning and 12 coil springs to support the load and give you free forward or lateral movements as shown in the illustration at left. The stool seat moves when you move so that you are always comfortable suspended on cushioning springs. Height adjustment, from 26" to 30", is easily made. Four hard-rubber feet are supplied, angle steel frame—olive green finish. For extra comfort, order a No. 428 comfort cushion (shown at left) . . . it is thick, well-padded, and covered with long-wearing DuPont black fabrikoid.



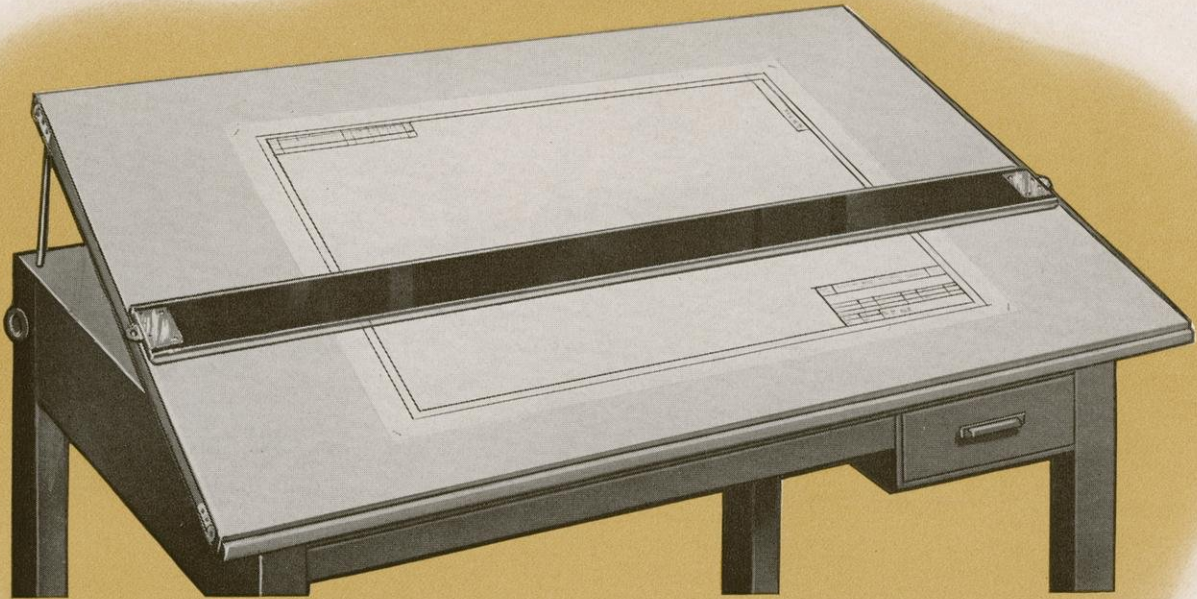
No. 421 Stool

## HAMILTON DRAFTING CHAIR

### No. 417

Drafting chair was designed especially for your use with Drafting Tables, but it can be used with any desk height drawing table. The adjustable back rest can be raised or lowered over a range of 15 degrees to 45 degrees. This gives you posture support where you need it most . . . at the back. It can also be set at the most comfortable slant. The large, comfortably padded seat and the large, comfortably padded back rest are covered with DuPont black fabrikoid. This material "wears like iron" and is very easy to clean. The seat swivels at any desired height from 20" to 24". A simple operate mechanism controls the height adjustment. You can adjust the height quickly and lock the seat securely at the height desired without danger of slipping. The tubular steel construction gives you strength, rigidity, and long service. The legs are spread wide to minimize danger of tipping. Four easy-rolling casters are provided. Olive green enamel finish.

# *Hamilton* STRAIGHT EDGES AND PARALLEL RULE ATTACHMENTS



## NEW LONG-WEARING FORMICA BLADES WITH CLEAR-VISION EDGES

Visibility 100% . . . that's the story of the crystal clear, transparent Lumarith edges on these new Hamilton Formica blades. The transparency is permanent . . . you always get 100% clear vision through Lumarith because it does not turn yellow, cloudy, or brittle like the celluloid ordinarily used. It is fire-resisting, too. There are two Lumarith edges on the No. 58 Straight Edge so you can reverse the rule if you wish. Each edge is set into the Formica blade to raise it .010" above your drawing. Your drafting room looks modern when you put Hamilton No. 58 Straight Edges on your

tables. The gleaming, black satin finish Formica blade makes an attractive contrast with the nickel finish ends and dresses up your drafting room. Formica is impervious to moisture and you can clean it easily with a damp cloth. The No. 58 Straight Edge can be used with either of the Parallel Rule Attachments listed below.

When you order, specify the size of the board the straight edge is to be used with. Made for boards 30", 36", 42", 48", 54", 60", 72", 84", 96", 108", and 120" long.

## PARALLEL RULING ATTACHMENTS

Hamilton Parallel Ruling Attachments offer you greater convenience. Don't bother with a separate T-Square . . . put on one of these attachments and you get accurate parallel ruling automatically. They are easy to attach to any Hamilton table.

**No. 45-B ATTACHMENT:** Use this attachment only on Hamilton Tables that have steel end cleats on the drawing board. (All present Hamilton 4-post Wood Tables, Steelwood Tables, and Auto-Shift Tables are now made with this type of cleat.) The attachment has a spring to maintain proper tension on the cables which cross underneath the board. It may be used with any type of blade.

**No. 46 ATTACHMENT:** The No. 46 Attachment is similar to the No. 45-B, except that it is designed for use on tables with wood end cleats. The cables cross under the board and there is a spring to maintain tension. For use with any type of blade.

**No. 42 COUNTERWEIGHT:** When you use a vertical board, a No. 42 Counterweight is necessary to hold the parallel rule in place. Specify the size of table top on which the counterweight is to be used so the correct attachments can be supplied.

## HAMILTON ESCO PAPER DISPENSER

The HAMILTON-ESCO Paper Dispenser fills a long felt need for a device to control the issuance of sensitized papers efficiently. Blueprint, Black & White, and Ozalid papers, when used from the roll in non-continuous blueprint machine installations, are conveniently dispensed from this device.

The light-proof container is constructed of heavy steel . . . a tempered steel cutting-edge makes a tearing off easy . . . a simple follower keeps the end of the paper always accessible. Simply lift the lid, take hold of paper end, and pull.

Dispensers are designed for wall or table mounting. Rubber suction-cup feet are provided for holding in place on file or table top. Finished olive green crackle enamel. Capacity, 50-yard roll. (Patent applied for.) No. 47 for 36" Rolls  $4\frac{3}{4} \times 5 \times 39\frac{7}{8}$ "; No. 47-A for 42" Rolls  $4\frac{3}{4} \times 5 \times 43\frac{7}{8}$ ".



Save steps in your drafting room. Avoid unnecessary waste in dispensing sensitized paper and tracing paper from rolls with a Hamilton-Esco Paper Dispenser.

## HAMILTON BOTTLE HOLDER • TOOL TRAYS



### INK BOTTLE HOLDER No. 133

Regular equipment with all Auto-Shift tables and 4-Post Table Tool-Drawers. Made of steel, zinc plated. Width,  $10\frac{3}{8}$ "; Depth,  $2\frac{3}{16}$ "; Height,  $\frac{3}{4}$ "; Height, over all,  $2\frac{3}{4}$ ".



### TOOL TRAY No. 124

20x9x2", outside (used in right tool-drawer of Nos. 32-K and 32-M Oak Plan File Units). Basswood, natural finish, Composition Board bottom.



### TOOL TRAY No. 117

$14\frac{1}{2} \times 10\frac{3}{8}$ ", outside (used in tool-drawer of 4-Post Tables Nos. 250 to 218). Basswood, natural finish, Composition Board bottom.



### TOOL TRAY No. 129

$17\frac{1}{2} \times 9 \times 2$ ", outside (used in right tool-drawer of Nos. 37-K and 37-M Oak Plan File Units). Basswood, natural finish, Composition Board bottom.

## HAMILTON DUST COVERS FOR DRAWING TABLES



Protect your drawings overnight against dust and dirt with a Hamilton Dust Cover. It neatly covers your table as shown above. The weighted roller at the bottom is to hold the cover snug to the table. The roller and black waterproofed cloth cover can be rolled to the back of the table, out of the way, into suitable holding brackets. The back view of a table top at right shows a cover rolled almost to the back and the dotted lines show how the roll rests in the holding brackets.

Sizes of Hamilton Dust Covers

No.	Size	No.	Size
219-A	24x32"	219-J	42x 72"
219-B	31x42"	219-K	42x 84"
219-C	36x48"	219-L	48x 72"
219-D	36x54"	219-M	48x 84"
219-E	36x60"	219-P	48x 96"
219-G	36x72"	219-R	48x108"
219-H	42x60"	219-S	48x120"

# HOW TO JUDGE

# Quality

# IN DRAWING BOARDS



**FIRST . . .** Look for high grade material. Hamilton uses only the finest quality California White Sugar Pine and No. 1 stock Basswood. The wood is selected for even graining and freedom from hard streaks and sap spots.

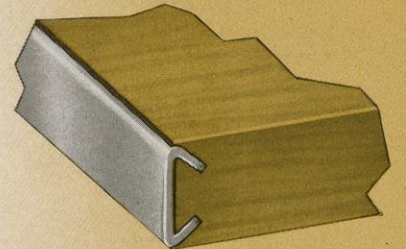
**SECOND . . .** Insist upon and get only thoroughly seasoned lumber. All HAMILTON lumber is thoroughly and scientifically seasoned. When we get the wood it has a 50% moisture content. The first step in the seasoning process is to air dry the wood for three months to bring the moisture content down to 28%.

Next, under accurate, thermostatic control, the lumber is saturated with steam and slowly dried out. During this process it is continually tested to prevent honeycombing and case-hardening. Then it is tempered to an even 5% moisture content.

**THIRD . . .** Be sure the joints are perfectly made. HAMILTON Boards are made with the latest high speed machinery and are efficient in every respect.

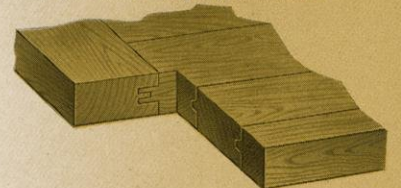
...ing. In HAMILTON Boards the top table to open the pores of the wood. The glue is applied by power.

...orking experience we have a selection of wood, careful scientific control of manufac-



**HAMILTON STEEL-EDGE BOARDS**  
(Patent Applied For)

The 18-gauge, full-width, steel edges hold each board square and provide smooth, true edges for the tee square. The steel edges are permanently set into the end . . . they cannot loosen up or come out. Steel-Edge Drawing Boards are made only by Hamilton.



**HAMILTON STYLE "A" BOARDS**

The standard of the world. Notice, in the detail above, the DOUBLE tongue and groove joint just developed by Hamilton. The DOUBLE tongue and groove increases the gluing surface of the joint, thus giving it more holding power.



Nos. 298 and 299 Inclined Drawing Boards.

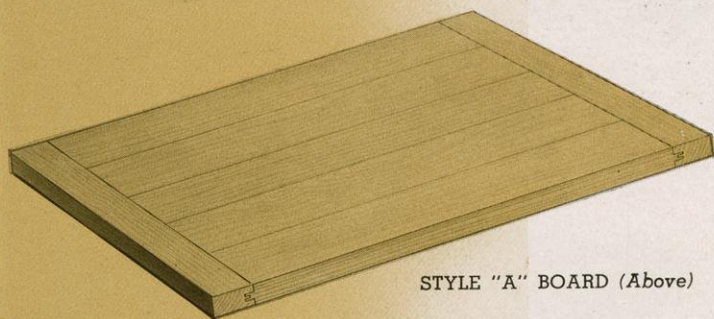
Inclined drawing board on flat table top.



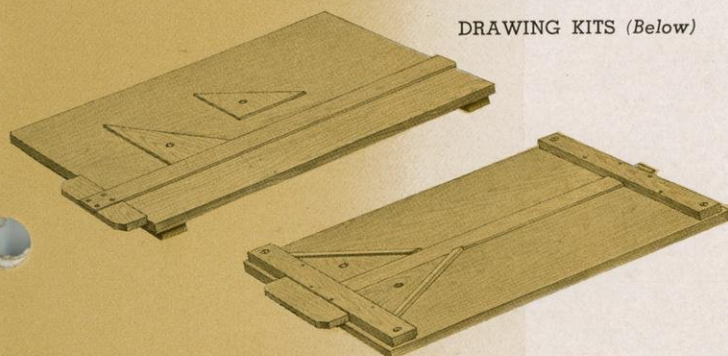
STEEL-EDGE BOARD (Above)

**Steel-Edge and Style "A" Drawing Boards**

STYLE "A" Numbers		Size	STEEL-EDGE Numbers	
Basswood	Pine		Basswood	Pine
285	270	12x17"	641	651
286	271	16x21"	642	652
287	272	16x22"	643	653
288	273	18x24"	644	654
289	274	20x24"	645	655
290	275	20x24½"	646	656
291	276	20x26"	647	657
292	277	23x31"	648	658
293	278	24x36"	649	659
294	279	31x42"	650	660



STYLE "A" BOARD (Above)



DRAWING KITS (Below)

*Hamilton*

**INCLINED DRAWING BOARDS**

These auxiliary inclined boards leave the greater part of the table available for materials, etc. The illustrations show the convenient angle at which the board is set. Made of selected white pine, with heavy cleats underneath, fastened with screws and washers which allow for expansion and contraction. Finished with one coat of varnish on both sides, top side sanded smooth. No. 298, 24x36"; No. 299, 31x42".

*Hamilton*

**STEEL-EDGE DRAWING BOARDS**

(Patent Applied For)

A new idea in drawing boards . . . steel ends to insure accuracy, smoothness, and permanently true edges. The steel end cleats, set into the ends of the Steel-Edge Boards, are made of 18-gauge steel. They are lead-coated to give a smooth, bright finish. Since steel is stronger than wood, these cleats insure greater strength and accuracy than was ever possible with wood cleats. They are the most notable advance in small drawing board construction in years. Made in pine and basswood, with two drawing surfaces (front and back).

*Hamilton*

**STYLE "A" DRAWING BOARDS**

Hamilton Style "A" Drawing Boards have two fine drawing surfaces. These boards are ¾" thick, with cleated ends. The end cleats are attached with a double tongue and groove joint as shown in detail on the opposite page. The plain tongue and groove joint has always been considered the strongest construction possible for small all-wood boards, but this new type of joint increases the gluing surface and provides greater holding power. The Pine Style "A" Boards are made of specially selected pine . . . but the basswood boards are made of No. 1 common stock at a lower price and are known as School Grade Boards.

*Hamilton*

**BASSWOOD DRAWING KITS**

Nos. 126 to 128

HAMILTON Drawing Kits are complete within themselves, consisting of a drawing board, T-square, a 30°-60° triangle, and a 45° triangle, everything ingeniously arranged for carrying. The drawing board is made of selected basswood with two cleats on the under side of the board to strengthen it. The triangles and T-square are made of fine quality birch. SIZES: No. 126, 10x12"; No. 127, 13x19"; No. 128, 17x22".

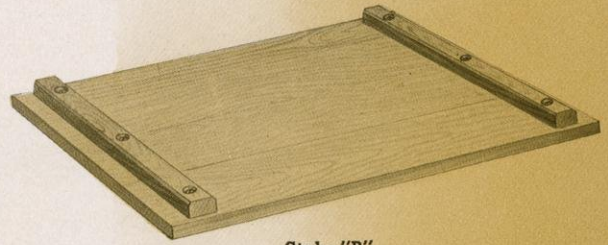
# Hamilton LARGE DRAWING BOARDS

## STYLE "B"—Nos. 300 to 308 and Nos. 315 to 322

Style "B" Hamilton Drawing Boards are made of either California Sugar Pine or Basswood. All boards are made of  $\frac{3}{4}$ " stock and have two hardwood cleats on the back, fastened with heavy screws to prevent warping or splitting.

These boards provide a fine drawing surface because the wood is carefully seasoned and the edges are square and true.

Size	Pine No.	Basswood No.	Size	Pine No.	Basswood No.
12x17"	No. 300	No. 315	20x26"	No. 305	No. 320
16x21"	No. 301	No. 316	23x31"	No. 306	No. 321
16x22"	No. 302	No. 317	24x36"	No. 307	No. 321X
18x24"	No. 303	No. 318	31x42"	No. 308	No. 322
20x24"	No. 304	No. 319			



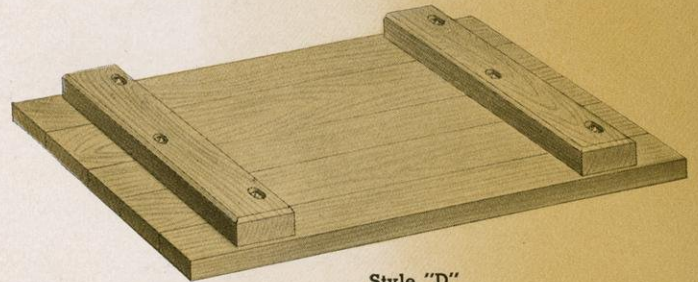
Style "B"

## STYLE "D"—Nos. 330 to 336 and Nos. 345 to 351

Style "D" Drawing Boards are made of selected California Sugar Pine or Basswood . . . free from hard spots and sappy streaks. All the wood used in these boards has gone through the Hamilton seasoning process.

Two  $3 \times 1\frac{1}{4}$ " maple cleats are fastened on the back with heavy screws and oblong washers. The screws are staggered in oblong slots to allow expansion and contraction of the wood.

Size	Pine No.	Basswood No.	Size	Pine No.	Basswood No.
36x48x $1\frac{1}{8}$ "	No. 330	No. 345	42x60x $1\frac{1}{8}$ "	No. 334	No. 349
36x54x $1\frac{1}{8}$ "	No. 331	No. 346	42x72x $1\frac{1}{8}$ "	No. 335	No. 350
36x60x $1\frac{1}{8}$ "	No. 332	No. 347	48x72x $1\frac{1}{8}$ "	No. 336	No. 351
36x72x $1\frac{1}{8}$ "	No. 333	No. 348			



Style "D"

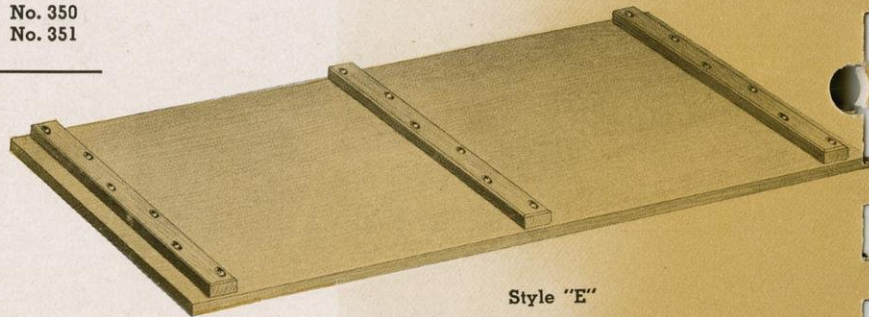
## STYLE "E"

### Nos. 360 to 362 and Nos. 365 to 367

Style "E" Hamilton Drawing Boards are specially designed EXTRA LARGE boards, ranging in size from 42x84" to 48x96". They are made of  $1\frac{1}{8}$ " carefully selected and seasoned stock, with three  $3 \times 1\frac{1}{4}$ " maple cleats, each cleat fastened with heavy screws and oblong washers, in staggered oblong slots.

These large Style "E" Boards can be obtained in either California Sugar Pine or Basswood and are especially useful on horses. The working edges are smooth and true.

Size	Pine No.	Basswood No.	Size	Pine No.	Basswood No.
42x84x $1\frac{1}{8}$ "	No. 360	No. 365	48x96x $1\frac{1}{8}$ "	No. 362	No. 367
48x84x $1\frac{1}{8}$ "	No. 361	No. 366			

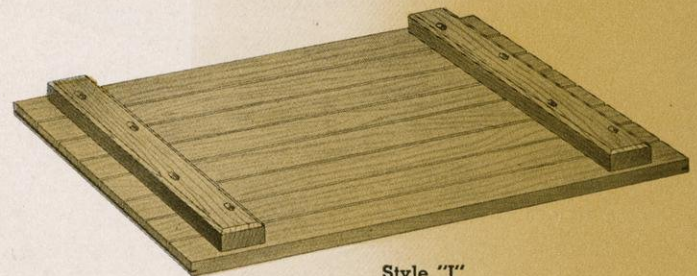


Style "E"

## STYLE "I"—Nos. 370 to 381

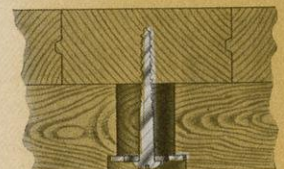
Style "I" Boards are made of selected clear White Pine, with a series of grooves on the back to take the transverse strain out of the wood. To insure a perfectly smooth, accurate working edge, a strip of hardwood is fitted into the edges to prevent buckling under contraction. All boards larger than 72" have three hardwood cleats; others have two.

No.	Size	No.	Size
No. 370	23x32x $\frac{3}{4}$ "	No. 377	42x72x $1\frac{1}{8}$ "
No. 371	31x42x $\frac{3}{4}$ "	No. 378	48x72x $1\frac{1}{8}$ "
No. 372	36x48x $1\frac{1}{8}$ "	No. 379	42x84x $1\frac{1}{8}$ "
No. 373	36x54x $1\frac{1}{8}$ "	No. 380	48x84x $1\frac{1}{8}$ "
No. 374	36x60x $1\frac{1}{8}$ "	No. 380X	42x96x $1\frac{1}{8}$ "
No. 375	36x72x $1\frac{1}{8}$ "	No. 381	48x96x $1\frac{1}{8}$ "
No. 376	42x60x $1\frac{1}{8}$ "	No. 382	48x120x $1\frac{1}{8}$ "



Style "I"

This is how the cleats are fastened on Styles "B," "D," "E," and "I" Drawing Boards. Heavy screws and oblong washers are used to allow for the expansion and contraction of the wood which is caused by changes in atmospheric conditions. Notice, also, the tongue-and-groove construction.



# Hamilton

CATALOG No. 12

**FILING  
EQUIPMENT**  
*that saves time and tracings*  
**DRAFTING TABLES**  
*that increase output*

