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Liberty line Hamilton drafting room equipment. Catalog No. 13-S September 1948

[s.l.]: [s.n.], September 1948

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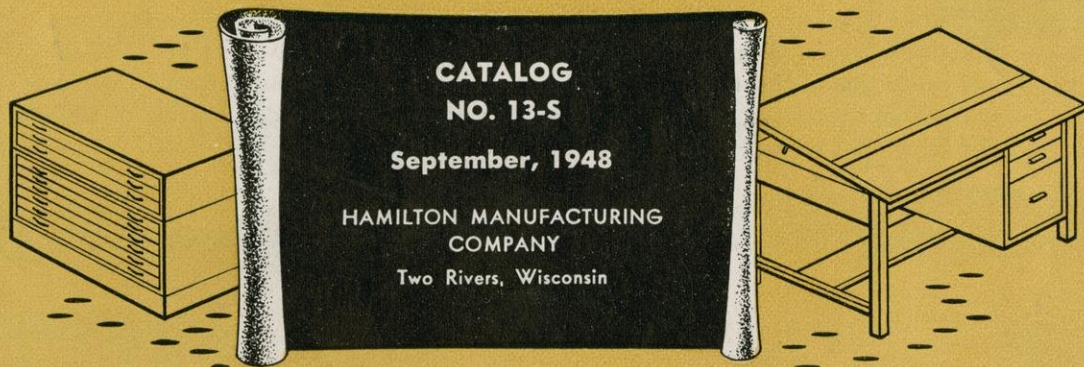
LIBERTY

LINE



Hamilton

DRAFTING ROOM EQUIPMENT

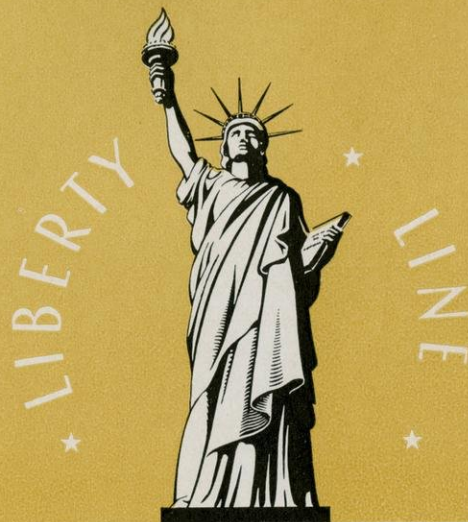


CATALOG
NO. 13-S

September, 1948

HAMILTON MANUFACTURING
COMPANY

Two Rivers, Wisconsin



New
HAMILTON FINISH

All STEEL equipment shown in this catalog is finished in an attractive, durable, new metallic gray.

All pulls are bright chrome.

Let HAMILTON EQUIPMENT Help Solve Your Drafting Problems

Material substitutions, new designs, production details, and plans . . . all these problems are piling up in your drafting room. Don't let it become a bottleneck that holds up your sorely needed production. Instead, equip your drafting room now with Hamilton Tables and Files that increase the output of every man.

The Falk Corporation of Milwaukee reports a 38% increase in drawing output since installing Auto-Shift Tables. Hundreds of other firms tell us of similar increases. The list of users of Auto-Shift Tables reads like a Blue Book of American business . . . all because the Auto-Shift is so much more comfortable to work on.

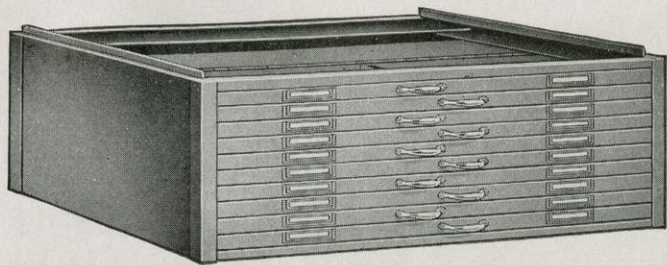
Draftsmen tire quickly from the awkward positions they are forced to assume at old style tables. But the Auto-Shift is instantly adjustable in height or slope . . . draftsmen change position frequently for comfort, every part of the drawing is accessible to them without reaching, and their output goes up.

You save drafting time with Hamilton Shallow Drawer Files, too. They make filing easy without tearing or crumpling tracings. The patented lifter takes all damaging tension off the tracings during filing. Thus filing is quicker and, in addition, there are fewer dog-eared and worn-out tracings to draw over again.

While the equipment line shown in this catalog is not as complete as Hamilton's pre-war line, due to critical material shortages, the most important items have been kept available and production of them is increasing daily to meet the tremendous demand. Later on, as conditions permit, Hamilton's entire pre-war line offering a wider selection of tables and filing units for every purpose will again be available.

HAMILTON MANUFACTURING COMPANY
TWO RIVERS, WISCONSIN

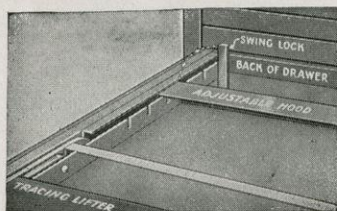
THE HAMILTON *Shallow Drawer* UNIT



Original engineering drawings must be safeguarded against harm from dirt, dust, rodents, and careless handling. They are far too valuable to risk any damage to them. Hamilton Shallow Drawer Units give your original drawings the protection they deserve and need. Here are some of the exclusive, protective features which no other filing equipment gives you:

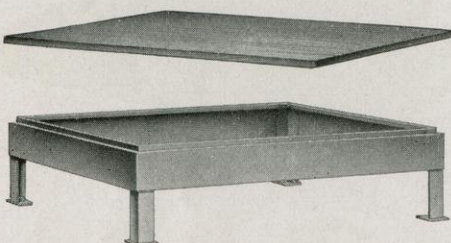
- Keeps sheets flat. Flat sheets are better preserved and easier to handle.
- Easy to select sheets. Any sheet in the drawer is easily accessible.
- Removes all weight from sheets during filing and refiling. This eliminates tension and strain that so often causes dog-eared and torn tracings. Speeds up filing, too.
- Keeps title blocks lined up and eliminates shifting of sheets because rear hood is adjustable. Can be set for proper depth of drawer to conform to short tracing dimension.
- Makes maximum use of floor space. One 10-drawer unit, only 15 $\frac{3}{8}$ " high, has a capacity of 1,000 sheets. Yet drawers are not overcrowded: there are only 100 sheets to each drawer and every sheet is instantly accessible and readily located.
- Constructed for lifetime service. Shallow Drawer Units are of heavily built, spot-welded construction for rigidity and long life. Drawers operate smoothly and easily.

ADJUSTABLE REAR HOOD . . .



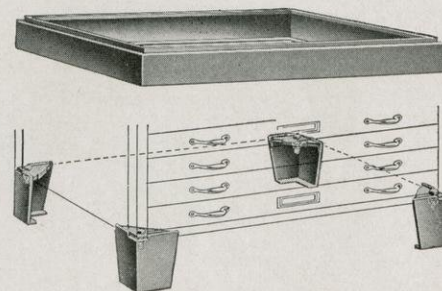
Every drawer in the Hamilton Shallow Drawer Unit is equipped with an adjustable rear hood. This hood slides over the slotted drawer sides as shown, is set at the desired depth and the swing lock bar is dropped into the slot to hold the hood securely. The drawer thus is adjustable, front

to back, to tracing sizes. Also the sheets cannot curl or creep over the back of the drawer.



INTERLOCKING CAPS AND BASES

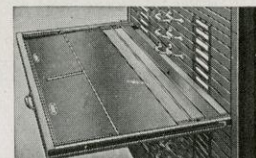
To complete your installation of Hamilton Shallow Drawer Units, combine a stack with the cap and one of the bases shown. When ordering the cap or any base except the 18074 base legs, be sure to specify the Line Number. Only units, caps, and bases of the *same* line number interlock.



The Hamilton Shallow Drawer Steel Units are for active tracings . . . current tracings that you use frequently. Such tracings usually get the most wear and tear. In a Hamilton Shallow Drawer Unit, however, the strain and tension that is the most common cause of damage is largely eliminated. This is accomplished by the patented Tracing Lifter shown below.

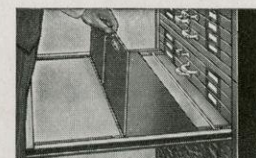
HOW THE LIFTER MAKES FILING EASIER

This shows the compressor lying flat, holding the sheets down, and preventing crumpling, curling, or tearing.



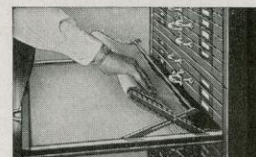
Lifter Acts as Compressor

The front half of lifter is lifted up, and the desired tracing is then located. Note that the rear half of lifter is still holding the sheets down.



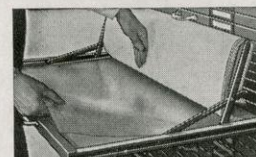
Turning Back the Front of Lifter

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



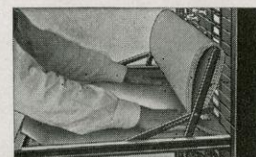
Selecting Sheet Desired

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



Removing Sheet Desired

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



Replacing Sheet

THE HAMILTON STEEL *Five Drawer* UNIT



**ALL DRAWERS
PRE-PUNCHED
FOR DIVIDERS**

Every drawer in Hamilton 5-Drawer Units is completely covered with a black coated canvas cover that is fastened to the rear hood and hooked to the front. This cover keeps out dirt and holds tracings flat.

Rollers at the front and rear make each drawer run smoothly and easily. Because of the safety stop, the drawers cannot be withdrawn accidentally; but they may be easily removed if desired.

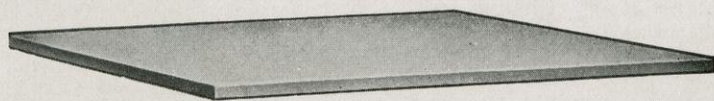
We recommend filing not more than 100 tracings to a drawer for more convenient handling and less danger of tearing and creasing, but each drawer will hold 250 tracings.

For convenience in handling sets and groups of tracings, we suggest the use of Tracing Folders in the drawers (see opposite page).

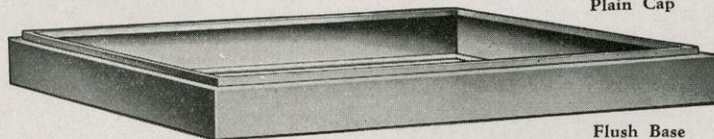
Any of the divided drawer arrangements shown at the right can be used for smaller sized tracings. They are made by combining No. 1 and No. 2 partitions. The drawers are pre-punched so that partitions may be added at any time.

INTERLOCKING CAPS AND BASES . . .

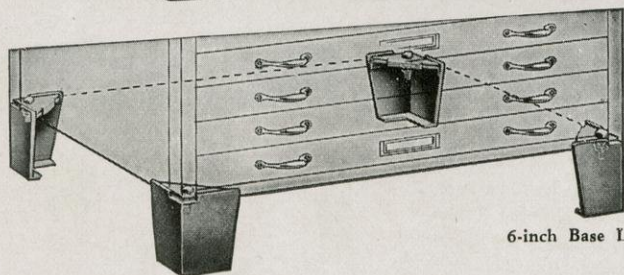
To complete your installation of Hamilton sectional steel filing units, order the plain cap unit and flush base or four base legs, shown below. The base legs fit units of any size but when ordering caps or flush bases be sure to check the line number. These caps and bases interlock only with units of the SAME line number.



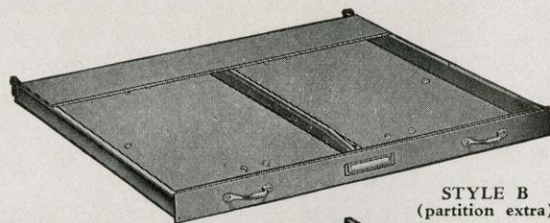
Plain Cap



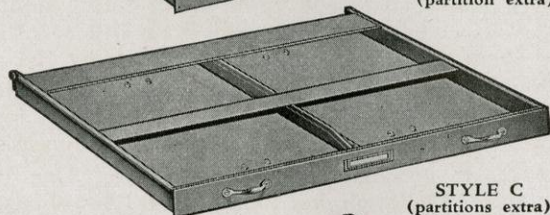
Flush Base



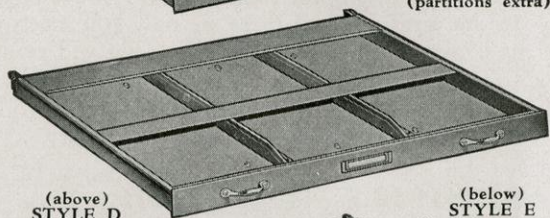
6-inch Base Legs



STYLE B
(partition extra)

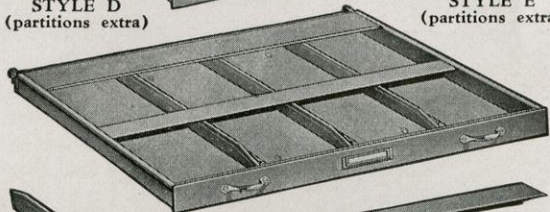


STYLE C
(partitions extra)



(above)
STYLE D
(partitions extra)

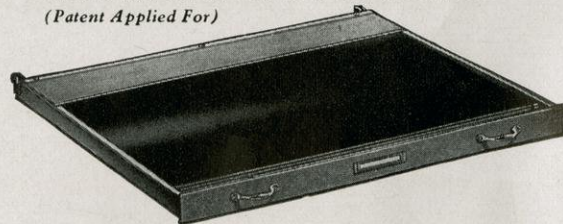
(below)
STYLE E
(partitions extra)



No. 1

No. 2 partition

**ALL DRAWERS COVERED WITH
CANVAS DRAWING PROTECTOR**
(Patent Applied For)



SPECIFICATIONS

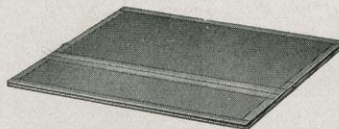
LINE NO.	UNIT NO.	INSIDE DRAWER SIZES			OUTSIDE UNIT SIZES			Shipping Weight
		Width	Depth	Height	Width	Depth	Height	
10-DRAWER SHALLOW DRAWER UNITS								
24036	19070	37½"	29"	¾"	43⅝"	32½"	15⅜"	530
30042	18094	43½"	35"	¾"	49⅝"	38½"	15⅜"	600
36048	19004	49½"	41"	¾"	55⅝"	44½"	15⅜"	700
PLAIN CAPS								
24036	19083	.....	.....	.....	43⅝"	33¼"	1⅝"	40
30042	18053	.....	.....	.....	49⅝"	39¼"	1⅝"	55
36048	18067	.....	.....	.....	55⅝"	45¼"	1⅝"	70
FLUSH BASES								
24036	19095	.....	.....	.....	43⅝"	32½"	4"	15
30042	18055	.....	.....	.....	49⅝"	38½"	4"	35
36048	18073	.....	.....	.....	55⅝"	44½"	4"	40
SANITARY BASES								
24036	19097	.....	.....	.....	43⅝"	32½"	12"	45
30042	18061	.....	.....	.....	49⅝"	38½"	12"	60
36048	19012	.....	.....	.....	55⅝"	44½"	12"	65
6" BASE LEGS								
Any Line	18074	.....	.....	.....	.....	.....	5⅞"	17
5-DRAWER UNITS								
2436	1830	37"	26"	2"	40⅞"	28½"	15⅜"	225
3042	1848	43"	32"	2"	46⅞"	35½"	15⅜"	285
3648	1868	50"	38"	2"	53⅞"	41½"	15⅜"	345
FLAT CAPS								
2436	1835	.....	.....	.....	40⅞"	29¼"	1⅝"	35
3042	1853	.....	.....	.....	46⅞"	36¼"	1⅝"	55
3648	1867	.....	.....	.....	53⅞"	42¼"	1⅝"	60
FLUSH BASES								
2436	1837	.....	.....	.....	40⅞"	28½"	4"	20
3042	1855	.....	.....	.....	46⅞"	35½"	4"	41
3648	1873	.....	.....	.....	53⅞"	41½"	4"	40
SANITARY BASES								
All Lines	1874	.....	.....	.....	.....	.....	5⅞"	17

Note: Locking devices available for all sizes. See price list.

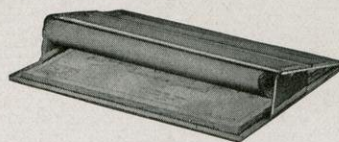
TRACING FOLDERS

Three or four Hamilton Tracing Folders can be filed in a 2-inch drawer. *When ordering*, specify whether folders are for wood or steel units, and catalog number of the unit. Patent No. 1,749,376.

Line	Folder	Size Record	Width	Depth	Thickness	Shipping Weight
2436	1951	24x36	36¼"	24½"	½"	7
24036	19088	24x36	38¼"	27¾"	½"	6
3042	1952	30x42	42⅜"	31½"	½"	10
30042	19052	30x42	44¼"	33¾"	½"	8
3648	1953	36x48	49¼"	37¼"	½"	18
36048	19053	36x48	50¼"	39¾"	½"	10



At left, Hamilton Folder closed. At left, below, 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, cover with fiberoid, reinforced with tape and metal eyelets. Folders fit only units of same line number.

Hamilton *Oak* FILING UNITS



Cap Nos. 32T,
37T, 44T

Unit Nos. 32C,
37C, 44C

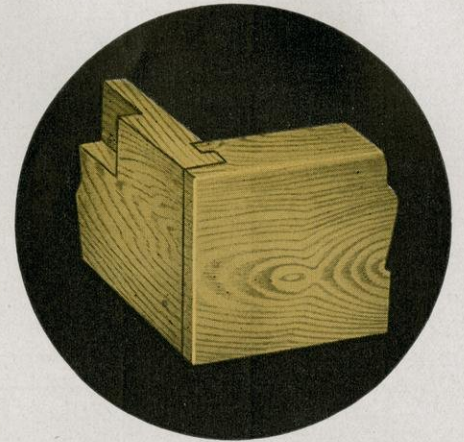
Unit No. 32D

Unit Nos. 32K,
37K

Unit Nos. 32M,
37M

Flush Base Nos.
32G, 37G, 44G

Sanitary Base Nos.
32H, 37H, 44H



Hamilton Oak Sectional Plan File Cabinets are efficiently and economically serving thousands of drafting rooms. All units of the same line are interchangeable and permit any desired combination. They can be stacked to any reasonable height.

Cabinets are strong and durable. Sides are paneled. Drawers have sturdy mortise and tenon joints as shown in illustration above. They slide on runs on upright walls of cabinet, eliminating rails between drawers. Back of each drawer has a 4-inch hood and divided drawers also have a hood for each compartment.

Material and Finish — Only well seasoned, kiln-dried oak, finished in light golden oak is used except for drawer bottoms which are made of tempered composition board for increased strength.

STYLE OF DRAWERS

Style "A" Drawers are furnished unless otherwise specified. Other compartment arrangements are illustrated below. Hold-down wires shown on style "A" drawer are extra.



Style "A" Drawer
Hold-Down Wires



Style "B" Drawer



Style "C" Drawer



Style "D" Drawer



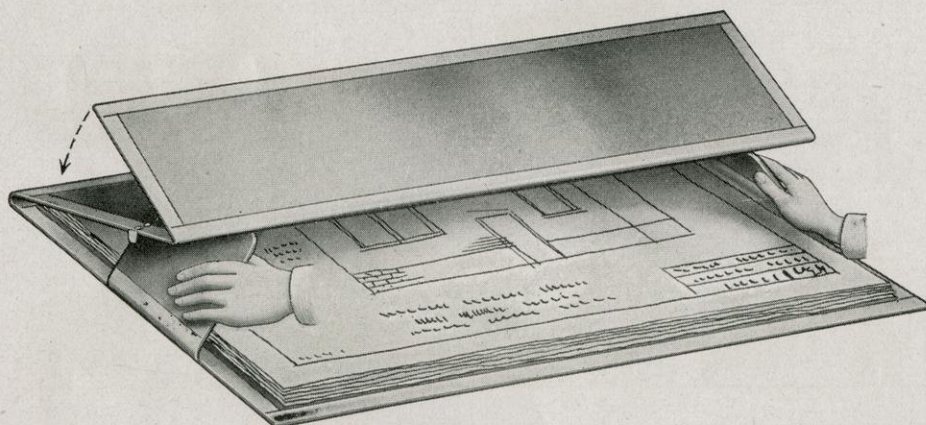
Style "E" Drawer

All Partitions and Hold-Down Wires are sent separately and not installed.

SPECIFICATIONS

No.	DESCRIPTION	INSIDE DRAWER SIZE			OVER-ALL UNIT SIZE			Shipping Weight
		Width	Depth	Height	Width	Depth	Height	
2436 LINE								
37-T	Plain Cap .....	.....	.....	.....	40 $\frac{11}{16}$ "	27 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "	50
37-C	5-Drawer Section	37 $\frac{5}{8}$ "	25"	2"	40 $\frac{11}{16}$ "	27 $\frac{3}{8}$ "	14 $\frac{7}{16}$ "	120
37-G	Plain Base .....	.....	.....	.....	40 $\frac{11}{16}$ "	27 $\frac{7}{8}$ "	4"	30
37-H	Low Sanitary Base.....	.....	.....	.....	40 $\frac{11}{16}$ "	27 $\frac{3}{8}$ "	5 $\frac{3}{4}$ "	25
37-K	Two Drawers 17 $\frac{5}{8}$ x25x3 $\frac{3}{8}$ " with Tool Tray No. 129 and one Drawer 37 $\frac{5}{8}$ x25x2" .....	.....	.....	.....	40 $\frac{11}{16}$ "	27 $\frac{3}{8}$ "	9 $\frac{5}{16}$ "	105
37-M	Two Drawers 17 $\frac{5}{8}$ x25x3 $\frac{3}{8}$ " with Tool Tray No. 129 and three Drawers 37 $\frac{5}{8}$ x25x2" .....	.....	.....	.....	40 $\frac{11}{16}$ "	27 $\frac{3}{8}$ "	14 $\frac{7}{16}$ "	120
3042 LINE								
32-T	Plain Cap .....	.....	.....	.....	45 $\frac{5}{8}$ "	34 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "	50
32-C	5-Drawer Section	42 $\frac{3}{8}$ "	32"	2"	45 $\frac{1}{2}$ "	34 $\frac{3}{8}$ "	14 $\frac{7}{16}$ "	140
32-D	3-Drawer Section	42 $\frac{1}{8}$ "	32"	3 $\frac{5}{8}$ "	45 $\frac{1}{2}$ "	34 $\frac{3}{8}$ "	14 $\frac{7}{16}$ "	125
32-G	Plain Base .....	.....	.....	.....	45 $\frac{1}{2}$ "	34 $\frac{7}{8}$ "	4"	35
32-H	Low Sanitary Base .....	.....	.....	.....	45 $\frac{1}{2}$ "	34 $\frac{3}{8}$ "	5 $\frac{3}{4}$ "	33
32-K	Two Drawers 20x32x3 $\frac{3}{8}$ " with Tool Tray No. 124 and one Drawer 42 $\frac{3}{8}$ x32x2" .....	.....	.....	.....	45 $\frac{1}{2}$ "	34 $\frac{3}{8}$ "	9 $\frac{5}{16}$ "	110
32-M	Two Drawers 20x32x3 $\frac{3}{8}$ " with Tool Tray No. 124 and three Drawers 42 $\frac{3}{8}$ x32x2" .....	.....	.....	.....	45 $\frac{1}{2}$ "	34 $\frac{3}{8}$ "	14 $\frac{7}{16}$ "	140
3648 LINE								
44-T	Plain Cap .....	.....	.....	.....	53 $\frac{7}{16}$ "	40 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "	65
44-C	5-Drawer Unit	49 $\frac{1}{2}$ "	37 $\frac{3}{8}$ "	2 $\frac{1}{8}$ "	53 $\frac{1}{8}$ "	40 $\frac{3}{8}$ "	16"	215
44-G	Flush Plain Base.....	.....	.....	.....	53 $\frac{1}{8}$ "	41"	4"	40
44-H	Low Sanitary Base.....	.....	.....	.....	53 $\frac{1}{8}$ "	40 $\frac{3}{8}$ "	5 $\frac{3}{4}$ "	40

TRACING FOLDERS



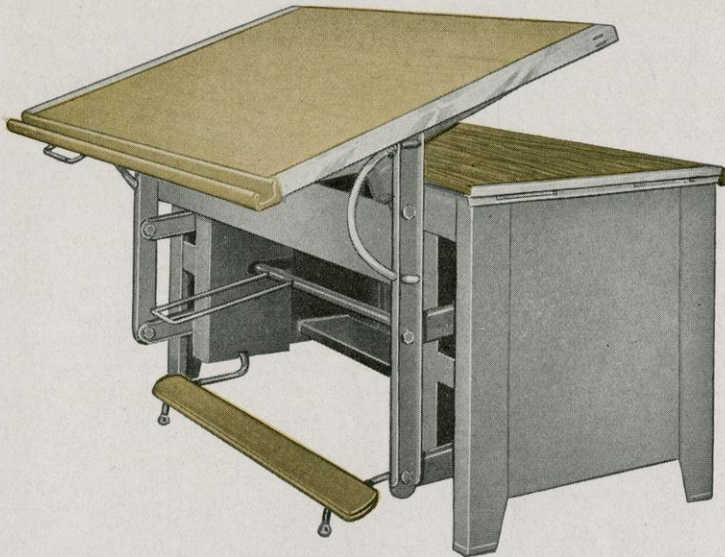
FOLDERS

See page 5 for details. Each 2" drawer will hold three or four folders depending on number of tracings they contain.

LOCKING DEVICE

Three and five drawer units may be equipped with strong, positive locking devices for protection of tracings.

SPEED PRODUCTION WITH Hamilton *Auto Shift* TABLES STEEL BASE—CALIFORNIA SUGAR PINE TOP



You can step up your drafting speed when you use HAMILTON Auto-Shift Drawing Tables. The drawing surface is instantly adjusted to any convenient working height and slope. The heavy California Pine drawing board is counter-balanced . . . you just step on a pedal and with finger tip pressure set the board at the desired height. Slope changes are easily and readily made. Press a lever and swing the board to any angle. Board locks in desired position and cannot slip. . . . You can work comfortably on any part of the drawing surface while seated or standing. You can instantly adjust the board from 35" to 44" (center height) and to any slope from horizontal to vertical. Board has plated steel end cleats.

It not only saves operating costs but conserves valuable floor space. Each engineer has a large clear working surface and a full size reference desk all in a convenient position . . . and it requires only 36¼ square feet per man. The result . . . less fatigue, and faster and better work . . . all at reduced costs.

SPECIFICATIONS

Item	Top Size	Shipping Wt.
1817 Desk	30 x60"	210
1818 Table	37½x60"	455
1819 Table	37½x72"	493
1820 Table	43½x72"	503
1823 Unit	.....	40

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

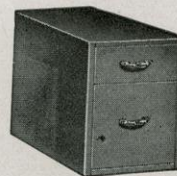


ADJUSTABLE REFERENCE SURFACE

This view of an Auto-Shift shows you the 30"x60½" adjustable hardwood reference surface, tool drawer, and the shallow reference drawer. The adjustable reference surface is made to

slide forward 7⅝", thus increasing the reference working area. When Auto-Shifts are used in a row (one in front of the other), each draftsman uses the drawers and reference surface of the table directly behind him. There is one shallow reference drawer size 36¼" wide, 25½" deep and 1½" high and one tool drawer 9¾" wide, 25¾" deep and 4¾" high inside.

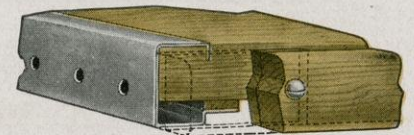
No. 1817 Reference Desk is used to supply a reference surface for the last draftsman in a row of Auto-Shifts. It looks like a standard office desk with a 30¾x60½" wood top. It has a reference drawer and tool drawer and is similar to the base of the standard Auto-Shift without drawing top.



2-drawer filing unit No. 1823, with one drawer 97⁄8x17x4" and a file drawer 97⁄8x17x8", can be supplied as an extra. This unit fits under the tool drawer of tables or 1817 Reference Desk.



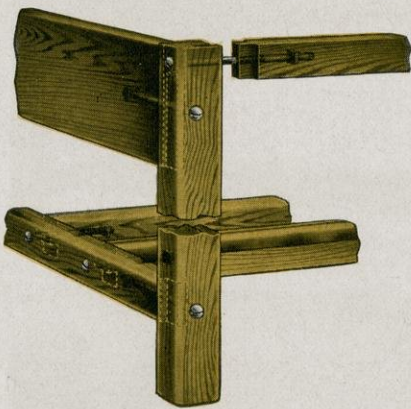
HAMILTON 4-POST WOOD TABLES



Patent No. 2,244,391

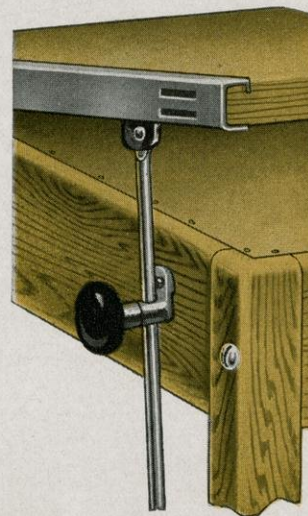
Drawing Surface . . .

Drawing board tops are made of carefully selected wood to eliminate hard spots and sap streaks. 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 preserve a true edge. The rounded oak apron strip at the front of the board is set out $\frac{3}{8}$ " , forming a slot to protect extra large sheets.



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.



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, black enameled. 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, selected wood tops are smooth, level, and square. Zinc-plated steel end cleats hold them true. All corners are rounded for better appearance. The easy-running drawers have non-warping Welded Fibre Board drawer bottoms. A Welded Fibre panel covers

the base of adjustable top tables to keep dust out of drawers. Standard height is 37". All tool drawers have locks. Body of table is finished light golden oak. Drawing board has one coat of specially thinned varnish and top 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

Plain 4-Post Table Without Drawers

Table No.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
250-A	36x60"	Adjust.	Without Drawers	145
220	36x72"	Adjust.	Without Drawers	180
230	42x84"	Adjust.	Without Drawers	225

4-Post Table With One Tool Drawer (Including lock, two keys, and tray)

Table No.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
251	36x60"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "	185
221	36x72"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "	215
230-A	42x84"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ "	240

4-Post Table With One Tool Drawer (Including lock, two keys, and tray) and one large shallow Drawer

Table No.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
250	36x60"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 36 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 2"	185
221-A	36x72"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 48 $\frac{1}{8}$ x25 x 2"	233
221-C	42x72"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 48 $\frac{1}{8}$ x25 x 2"	215
231	42x84"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 59 $\frac{1}{8}$ x32 x 2"	297

4-Post Table With One Tool Drawer (Including lock, two keys, and tray) and one Shallow Drawer and 2-Drawer Unit No. 189.

Table No.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
250-D	36x60"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 36 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 2" Supply Drawer 10 $\frac{1}{8}$ x25 x 3 $\frac{1}{8}$ " File Drawer 9 $\frac{5}{8}$ x25 x12 $\frac{1}{8}$ "	275
221-AD	36x72"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 48 $\frac{1}{8}$ x25 x 2" Supply Drawer 10 $\frac{1}{8}$ x25 x 3 $\frac{1}{8}$ " File Drawer 9 $\frac{5}{8}$ x25 x12 $\frac{1}{8}$ "	333
231-D	42x84"	Adjust.	Tool Drawer 10 $\frac{1}{2}$ x26 $\frac{1}{4}$ x 3 $\frac{3}{4}$ " Shallow Drawer 59 $\frac{1}{8}$ x32 x 2" Supply Drawer 10 $\frac{1}{8}$ x25 x 3 $\frac{1}{8}$ " File Drawer 9 $\frac{5}{8}$ x25 x12 $\frac{1}{8}$ "	397
221-CD	Same as 221-C with No. 189 Unit.....			

3-inch wood raising blocks available at extra cost.



Liberty Line



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

Table No.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
222	36x72"	Adjust.	Tool Drawers 17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ " Shallow Drawers 37 $\frac{5}{8}$ x25 x 2" 37-K Unit	265
235	42x84"	Adjust.	Tool Drawers 17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ " Shallow Drawers 37 $\frac{5}{8}$ x25 x 2" 37-K Unit	305
232	42x84"	Adjust.	Tool Drawers 20 x32 x 3 $\frac{3}{8}$ " Shallow Drawers 42 $\frac{3}{8}$ x32 x 2" 32-K Unit	327

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.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
223	36x72"	Adjust.	Tool Drawers 17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ " Shallow Drawers 37 $\frac{5}{8}$ x25 x 2" 37-M Unit	300
236	42x84"	Adjust.	Tool Drawers 17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ " Shallow Drawers 37 $\frac{5}{8}$ x25 x 2" 37-M Unit	350
233	42x84"	Adjust.	Tool Drawers 20 x32x3 $\frac{3}{8}$ " Shallow Drawers 42 $\frac{3}{8}$ x32x 2" 32-M Unit	366

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.	Top Size	Type of Top	Equipment (Inside Size)	Shipping Weight
224	36x72"	Adjust.	Tool Drawers 17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ " Shallow Drawers 37 $\frac{5}{8}$ x25 x 2" 37-K and 37-C Units	363
237	42x84"	Adjust.	Tool Drawers 17 $\frac{5}{8}$ x25 x 3 $\frac{3}{8}$ " Shallow Drawers 37 $\frac{5}{8}$ x25 x 2" 37-K and 37-C Units	385
234	42x84"	Adjust.	Tool Drawers 20 x32 x 3 $\frac{3}{8}$ " Shallow Drawers 42 $\frac{3}{8}$ x32 x 2" 32-K and 32C Units	460

Note: Not made in 36x60" size.

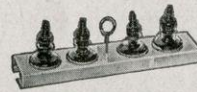
HAMILTON ACCESSORIES



No. 189
Overall Dimensions 12 $\frac{1}{8}$ x27 $\frac{1}{8}$ x19 $\frac{1}{2}$ "
Supply Drawer 10 $\frac{3}{8}$ x25x3 $\frac{3}{8}$ " inside
File Drawer 9 $\frac{5}{8}$ x25x12 $\frac{1}{8}$ " inside
Will fit under tool drawer of all 4-Post Tables.
Shipping Weight—90 lbs.

AUXILIARY UNIT No. 189

Unit illustrated above provides extra supply drawer and larger file drawer for catalogs and correspondence. Large drawer has follower to hold catalogs and papers upright. Finished to match 4-Post Wood Tables.



INK BOTTLE HOLDER No. 133
—Regular equipment with all Auto-Shift tables and 4-Post Table Tool-Drawers. Width, 10 $\frac{3}{8}$ "; Depth, 2 $\frac{3}{8}$ "; Height, $\frac{3}{4}$ "; Height, over all, 2 $\frac{3}{4}$ ".



TOOL TRAY No. 124—9x19 $\frac{15}{16}$ x1 $\frac{1}{4}$ ", 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. 130—13 $\frac{1}{2}$ x9 $\frac{11}{16}$ x1 $\frac{1}{4}$ " high, outside. (Used in tool-drawer of 4-Post Tables.) Basswood, varnished finish, hardboard bottom.



TOOL TRAY No. 129—9x17 $\frac{1}{2}$ x1 $\frac{1}{2}$ ", outside (used in right tool-drawer of Nos. 37-K and 37-M Oak Plan File Units). Basswood, natural finish, composition board bottom.

NOTE . . . IMPORTANT: All drafting table tops and drawing boards listed as either 36" or 42" in the short dimension are actually 37 $\frac{1}{2}$ " and 43 $\frac{1}{2}$ ", respectively. This applies to the entire line.

Hamilton *Ideal* DRAWING TABLES

Nos. 157 to 160-B

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

It is unusually rigid and sturdy. 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 Figure 2, below. They reinforce the already firm grip of the 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 clamp 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, 24x32x1 $\frac{3}{16}$ "; 158, top, 31x42x1 $\frac{3}{16}$ "; 159, top, 37 $\frac{1}{2}$ x48"; 159-A, top, 37 $\frac{1}{2}$ x54x1 $\frac{1}{16}$ "; 160, top, 37 $\frac{1}{2}$ x60x1 $\frac{1}{16}$ "; 160-A, top, 43 $\frac{1}{2}$ x72"; and 160-B, top, 43 $\frac{1}{2}$ x84".



SPECIFICATIONS

Table No.	Top Size	Shipping Weight
157	24 x 32"	60
158	31 x 42"	75
159	37 $\frac{1}{2}$ x 48"	100
159-A	37 $\frac{1}{2}$ x 54"	110
160	37 $\frac{1}{2}$ x 60"	115
160-A	43 $\frac{1}{2}$ x 72"	145
160-B	43 $\frac{1}{2}$ x 84"	165

QUICK, EASY TILTING

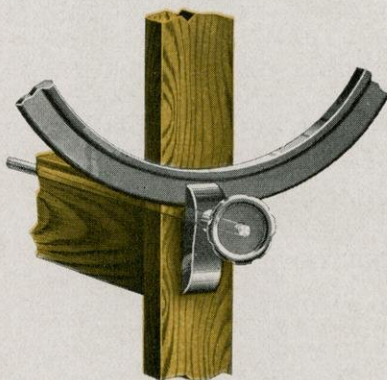


FIG. 1

QUICK, EASY TILTING . . .

Quick, easy adjustment of the drawing board top to any degree of tilt desired is a simple matter on the Hamilton Ideal Drawing Table. The simple, sturdy tilting device has proved its practicality. The heavy circle iron controls the angle of tilt; a simple counter-clockwise turn of the hand-wheel releases the clamp for change of tilt, and a clockwise turn tightens the clamp securely to hold board at angle wanted.

The steel rod running through the frame from side to side prevents side sway and assures further rigidity in the top.

ADJUSTABLE HEIGHT . . .

This tightening device gives Hamilton Ideal Drawing Tables the absolute rigidity so vital to efficient drafting work. At the same time you can quickly and easily adjust the top to any height you desire. The large clamp makes adjustments easy and positive. The hand-wheel clamp rigidly braces the upright at any elevation . . . no danger of wobbling or rocking. A steel rod (indicated in the illustration) runs through the frame from one side to the other.

ADJUSTABLE HEIGHT

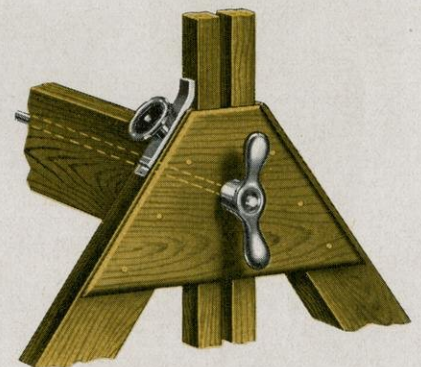
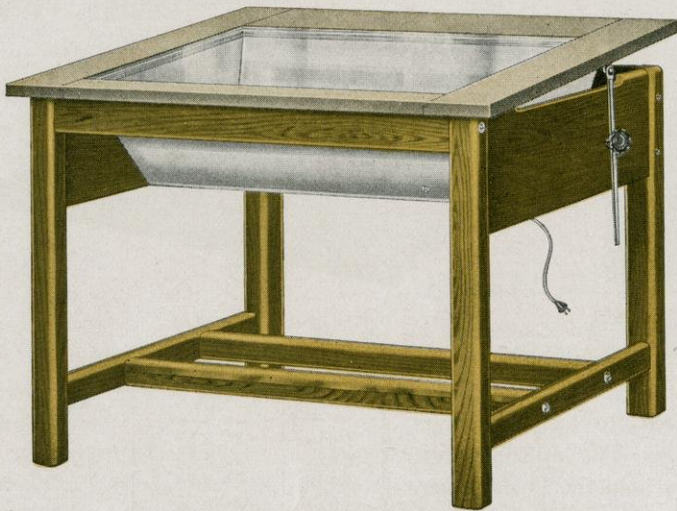


FIG. 2

NEW, Hamilton *Fluorescent* SHADOWLESS TRACING TABLES

- ★ COOL WORKING SURFACE
- ★ NO EYE-STRAIN
- ★ NO GLARE
- ★ LOWER LIGHT BILLS
- ★ EVEN DISTRIBUTION OF LIGHT

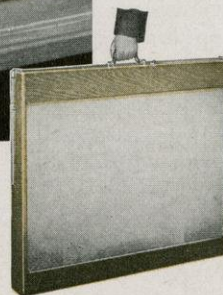
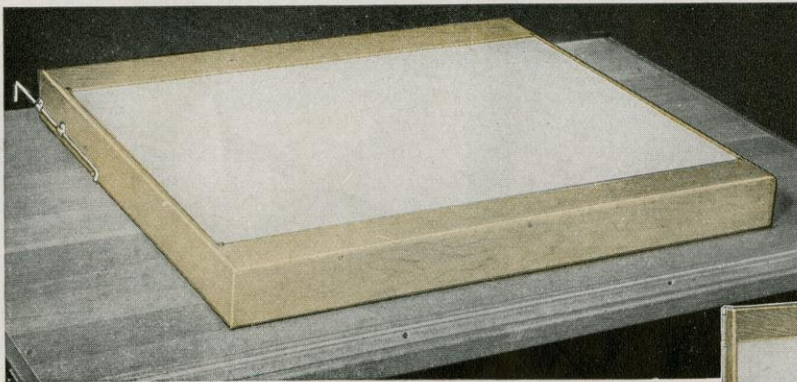


No. 165 FLUORESCENT TABLE—Large 24x36" plate glass tracing surface, sandblasted underneath to diffuse light. Illuminated by two 30-watt 36", T-8 Daylight Fluorescent Lamps which are complete with ballast, starter, and 10 feet of cord. Top tilts to desired slant, as shown, and white enamel reflector moves with the top. Top is of selected basswood 36x48" with one coat of varnish. Base is hardwood, golden oak finish. Height is 37". One roll of Scotch Tape is supplied. 110-volt, 60-cycle alternating current only.
Shipping Weight184 lbs.



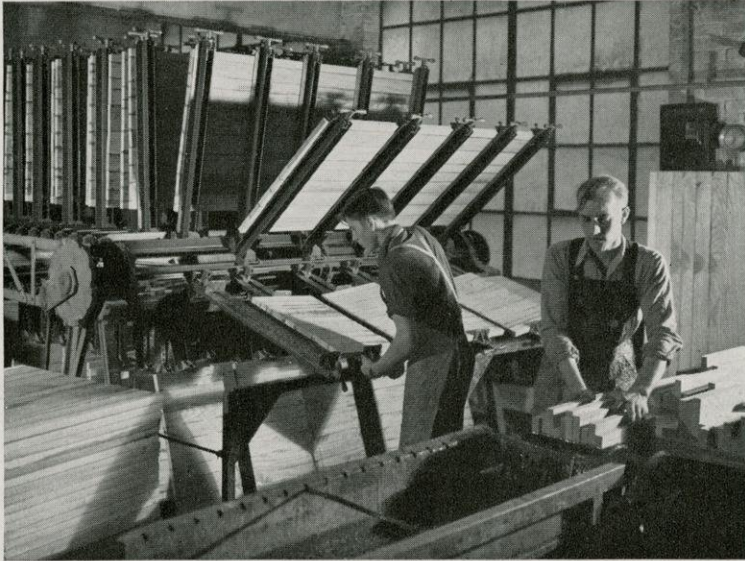
No. 183 FLUORESCENT TABLE—Equipped with two 15-watt, 18", T-8 Daylight Fluorescent Lamps for cool, even, glareless light. Ballast, starter and 10 feet of cord included. Plate glass center is 22 x 24", sandblasted on bottom side. Top overall is 31 x 32". Adjustable in slope and in height (32 $\frac{3}{4}$ " x 42 $\frac{1}{4}$ "). Entire top can slide forward or backward 15 $\frac{1}{2}$ " on channel suspension. A roll of Scotch Tape is included. White enamel reflector pan, basswood top, hardwood frame. For 110-volt, 60-cycle alternating current only.
Shipping Weight123 lbs.

PORTABLE TRACING BOARD



No. 188 PORTABLE TRACING BOARD—Equipped with two 30-watt, 36", T-8 Daylight Fluorescent Lamps. Plate glass tracing surface is 24"x36 $\frac{3}{4}$ ". White enamel reflector pan helps to distribute the light more evenly. Adjustable stop rods hold the board in place when used on an inclined drawing surface. It can be used on any drawing surface. A leather handle bolted to the top edge makes it easy to carry. The board is made of select white pine, finish natural color manolac. For 110-volt, 60-cycle alternating current only. It is a compact space-saving unit easy to use and inexpensive to buy.
Shipping Weight.....40 lbs.

Hamilton DRAWING BOARDS

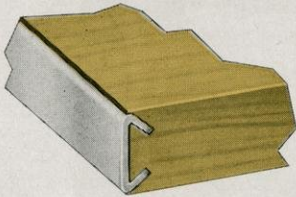


- ★ Best quality carefully selected No. 1 Basswood used.
- ★ Thoroughly seasoned and scientifically treated and seasoned to insure precision and accuracy.
- ★ Joints made perfectly with medium high speed machinery.
- ★ Properly glued on heated table for strength and holding power.



HAMILTON STEEL-EDGE BOARDS

SPECIFICATIONS



These boards have steel end cleats to insure accurate, smooth, and permanently true edges. The built-in sixteen gauge zinc-plated steel end cleats hold the board square and prevent warping. Made in basswood, with two drawing surfaces (front and back).

No.	Size	Weight
641	12 x 17	3
642	16 x 21	4
644	18 x 24	6
647	20 x 26	8
648	23 x 31	10.8
649	24 x 36	15
650	31 x 42	18

The illustration at left shows how the steel end cleat is set in the board. It cannot loosen up or come out.

Steel-edge Boards are packed 12 to a carton, size 16x21 through 20x26, and 6 to a carton, size 23x31, 24x36, and 31x42. Weights given are based on packing in carton.

ECONOMY TABLES

The Hamilton-Economy Drawing Table No. 439 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 dimensions (floor space area) is 20" from front to back and 28" from side to side. The drawing top size is 24" x 36". Light golden oak finish.

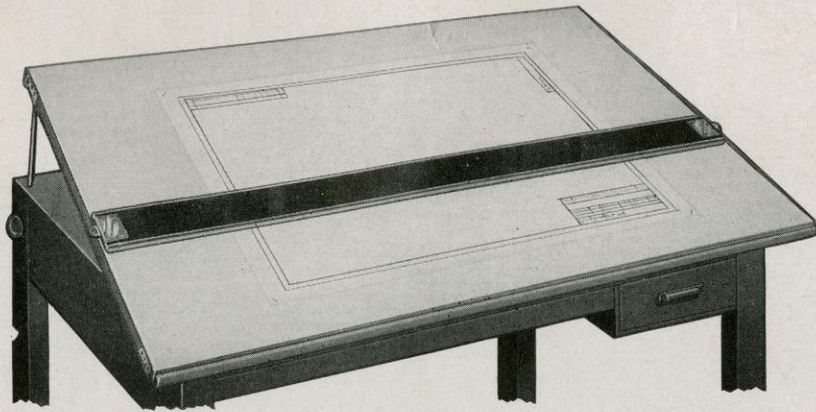
The top is adjustable in slope so that you can easily set it at your best working angle. Just loosen the two handwheels, set the top at the angle you want, and tighten the handwheels. The top will then be rigidly locked in place so it cannot slip. You can adjust the height, also, anywhere from 30½" to 40¼". 30½" is a comfortably 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.

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.



Liberty Line

Hamilton No. 58 STRAIGHT EDGES



Made for Boards

42, 48, 54, 60, 72, 84, or 96" Long

New long-wearing Formica Blades with clear-vision edges. Transparency is permanent . . . does not turn yellow, cloudy or brittle. Always exact, true, and accurate. Each edge set into Formica to raise it .010" above drawing. Im-

pervious to moisture and can be easily cleaned with damp cloth. To be used with attachments shown below. When ordering specify size of board with which straight edge is to be used.

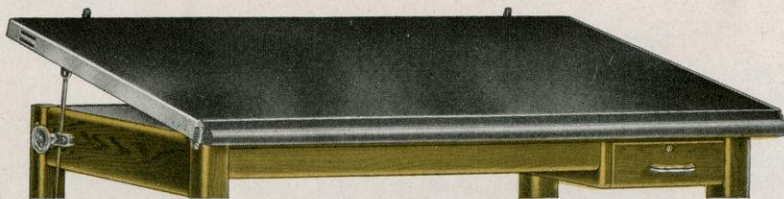
PARALLEL RULING ATTACHMENT

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.

HAMILTON DUST COVERS FOR DRAWING TABLES

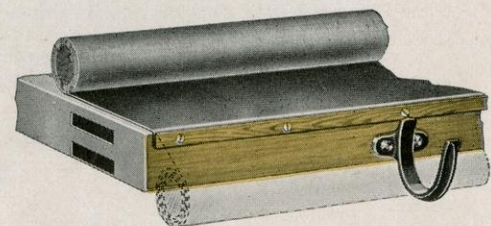


Protect your drawings overnight against dust and dirt with a Hamilton Dust Cover. It neatly covers your table as shown above. The weighted roller at the bottom is to hold the cover snug to the table. The roller and black waterproofed cloth cover can be rolled to the back of the table, out of the way,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

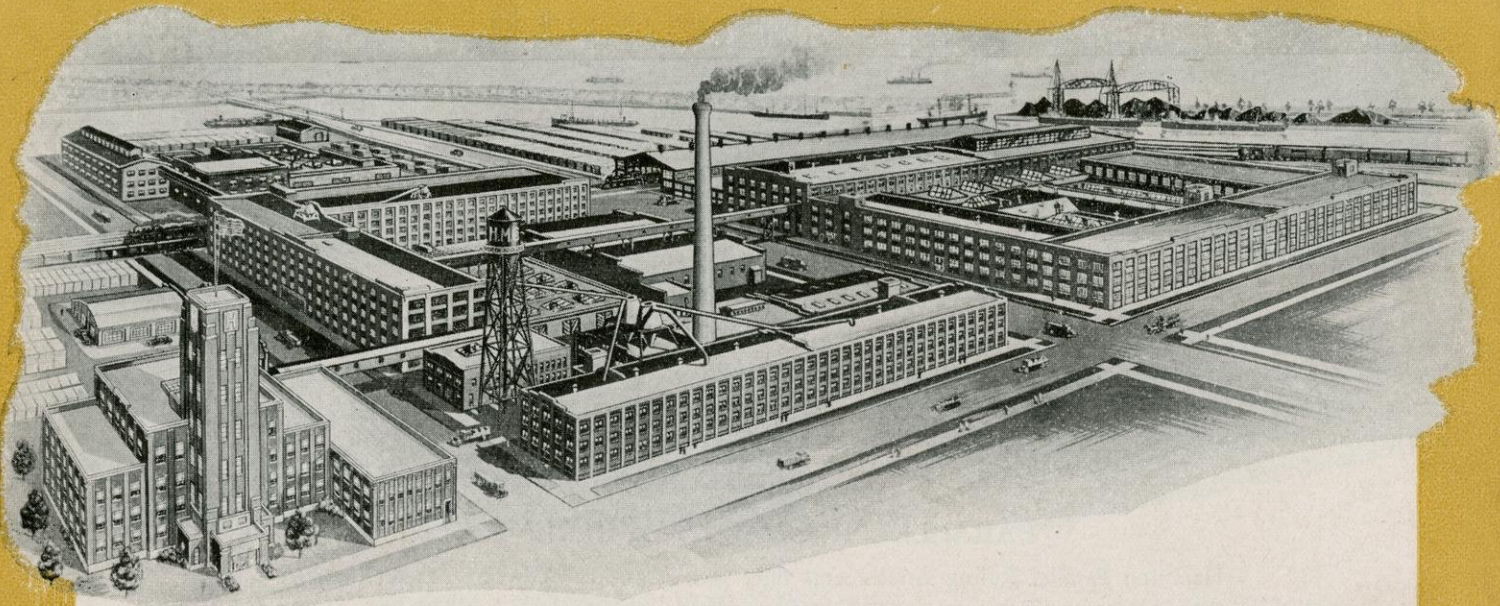
SIZES OF HAMILTON DUST COVERS

Front to Back Rolling No.	Size	Side Rolling No.	Front to Back Rolling No.	Size	Side Rolling No.
219-A	24 x 32"	.....	219-J	43½ x 72"	219-JS
219-B	31 x 42"	.....	219-K	43½ x 84"	219-KS
219-C	37½ x 48"	.....	219-L	48 x 72"	.....
219-D	37½ x 54"	.....	219-M	48 x 84"	.....
219-E	37½ x 60"	219-ES	219-P	48 x 96"	.....
219-G	37½ x 72"	219-GS	219-R	48 x 108"	.....
219-H	43½ x 60"	.....	219-S	48 x 120"	.....

Dust covers with numbers ending in the letter S are of the side rolling type. They roll to the side instead of the back.



WHERE *Hamilton* DRAFTING ROOM
FURNITURE IS MADE



The Hamilton Manufacturing Company has been making professional furniture for over 60 years.

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.

EXPERIENCED EMPLOYEES ● Hamilton workers have ideal facilities and the skill and experience needed to make furniture of the highest quality. 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 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.

RETURNED GOODS

Goods cannot be returned for credit without permission. If permission is given for the return of goods, the prices at which they will be credited will be the original invoice price or market value, whichever is the lower, less cost of transportation charges and the cost of handling and putting them into salable condition. (This deduction covers the cost of uncrating, inspection, and regrading.)

DAMAGED GOODS

Our responsibility for safe delivery ceases when the transportation company accepts shipment in good order. The goods then become the property of the consignee and the transportation company acts as your agent insofar as assurance of safe delivery is concerned.

Unpack and inspect all shipments within fifteen days of receipt.

In case of visible damage have carrier's agent make a notation on the freight bill of the extent of the damages.

In case of concealed damage, notify the railroad company by telephone immediately upon your discovery of the damage, and insist upon prompt inspection by them before the article is further unpacked. (Be sure to confirm your telephone conversation in writing). If the article is fully unpacked before discovery of the damage, save shipping container until the railroad inspector has made disposition, and insist on copy of his inspection report.

Unless this procedure is followed, the carriers will refuse to entertain claim for damages.

HAMILTON MANUFACTURING COMPANY
TWO RIVERS, WISCONSIN