



The HOME CRAFTSMAN



In This Issue

Lieutenant Halloran answers many an objection to a home workshop by mounting the entire equipment on a bench which may be shipped in a case no larger than a good sized trunk. Page 4

Flying chips are in evidence at the Home Craftsman Workshop, where the half hour lathe projects were prepared. The finished turnings are pictured on page 9 of this issue.

An end table that leads a double life—and becomes a card table, is the novel project described on page 2.

But we'd rather have you examine the entire issue thoroughly, and find the many pleasant surprises in store for you, in this, the first issue of *The HOME CRAFTSMAN*.

And of course—a full-sized blueprint supplement. You'll agree—it's some ten cents worth, isn't it?

Editing

At The Work-Bench

"WHAT!" said the listener, "another how-to-make-it magazine? Why, the news stands are cluttered with them!"

This is our reply — not in the form of an apology, but in a statement, which, summed up, sounded something like this:

The HOME CRAFTSMAN is edited at the Work-Bench. It is not a "paste-pot and scissors" sheet. Every reader of *The HOME CRAFTSMAN* owns approximately the same type of shop equipment—and every project described on these pages can be carried out — because it has been accomplished on the very same shop equipment that is owned by our readers.

It is here — at the work-bench — that we really edit *The HOME CRAFTSMAN*. Designs are altered — descriptions and instructions changed and revised to make every article practical.

Here, then, is the first issue of *The HOME CRAFTSMAN* — edited at the work bench. Let us hear from fellow craftsmen. We want your comments — criticism — bouquets — brick bats.

Your Editors.
Art Dept.
1998374

The Next Issue

Just thinking out loud, we're working on a knock-down booth which you may contribute to your church, or your lodge, or the Legion Post in your community, for use at the bazaar. It's easy to store—doesn't occupy much space—but looks quite imposing when set up. "As beautiful as a modern hot-dog stand," wise-cracked the editorial office boy.

A triangular cedar chest will save space and fill that vacant corner very nicely. One is being built now, in *The Home Craftsman's* editorial workshop. We can assure you, it's going to be a popular project.

Toys are always a good excuse for locking one's self in the home workshop. Well, then, you'll find a swell toy design—one that "sis" and junior will appreciate.

Then there are lathe projects—jig saw and hand saw projects,—and some little things that you can knock out in half an hour.



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The HOME CRAFTSMAN CIRCLE

THIS is the get-together place for Home Craftsmen. It will provide a means of contact with other Driver workshop owners. Send in a photograph and short description of the project which you've developed with your "Driver" equipment. Send in shop gossip, unusual experiences — anything you think the other members of this fraternity would be interested in. This is *your* page — and you are its editor.



Exact to every detail is this scale model of the Santa Maria, built by John H. Brewer on his "Driver" equipment.

We hear from "Driver" owners in many professions. For instance, James Underhill, an owner in Idaho Springs, Colo., is a mining engineer. P. J. Halloran is a lieutenant in the Navy. One of the pictures reproduced on this page comes from an optometrist, another from a railroad yard master.

From S. M. Work, of The Work's Repair shop, Blairsville, Pa., comes the fact that a "Driver" shop in operation six days every

week in a month consumes only 95 cents worth of electric current.

Samuel S. Loewner of Staunton, Va., built the bird house



shown on this page. It is made of half inch white pine, (including the roof). All joints are



screwed together, and nails were used only in the windows which were cut from cigar box wood and fastened with brads. The base is of 7/8 inch bull pine with a 1 3/4 inch apron border around it to give the appearance of a foundation. The base is 30x40 inches, and the height of the house, 2 inches.

The roof is painted copper green, the upper part of the body cream and the lower portion grey striped with black.

(Continued on page 19)



LIBRARY

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The roof is painted copper green, the upper part of the body cream and the lower portion grey striped with black

(Continued on page 19)



A corner in The Home Craftsman Workshop

This Is Your Laboratory

Where The Editors Plan and Build The Projects Described In The Home Craftsman

As indicated in our editorial, *The HOME CRAFTSMAN* is edited at the workbench. Its experimental laboratory is as nearly as possible a duplicate of the hundreds of thousands of home workshops throughout the land.

To establish such a shop in our factory would be to give it advantages over your home shop. *The HOME CRAFTSMAN's* editorial workshop is in the basement of a two-family house. It is in a residential neighbor-

Send Us a Snapshot of YOUR Shop

Send us a snapshot of your shop,—and of the things you've made with your "Driver" equipment.

We are always curious and interested in what other "Driver" shop owners are doing.

THE EDITORS.

hood—subject to the same noise restrictions and other handicaps that you encounter.

Our equipment is no more extensive than the equipment you own. Stock models of the Driver line have been set up, and we have purposely selected the lighter weight line in preference to the heavy duty models, knowing that owners of the heavier Driver equipment would have an advantage over us.

(Continued on page 18)

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(Continued on page 19)

For The House Plant An Easy Jig Saw Project

HERE is an easy project for the fret saw — one that requires very little description. As shown in the outline herewith, each square represents a half inch square.

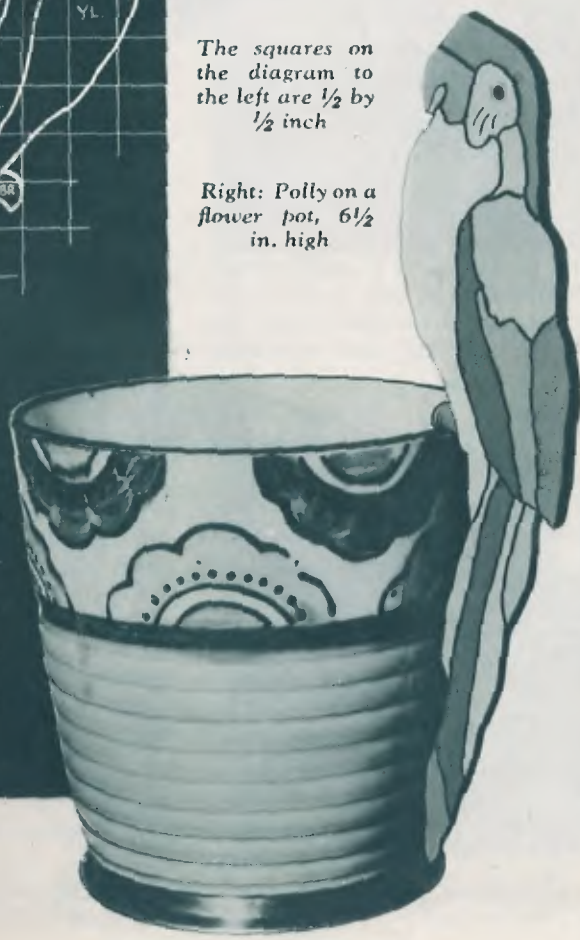
which gives this parrot a 12 inch overall length. Polly, in this size, perches very nicely on the edge of a flower pot 6½ inches high. One or two nails will secure him to an outdoor trellis, if desired.

Polly may be cut from ¼ inch ply wood. His colorings may vary to suit your taste, although the outline drawing is indicated for Orange (Or.), Blue (Bl.), Brown (Br.), Yellow (Yl.) — Light and Dark Green (L Gr. and D Gr.).

Red and Dark Red (R and D.R.) are also indicated, although the one red may be optional.

The squares on the diagram to the left are ½ by ½ inch

Right: Polly on a flower pot, 6½ in. high



The Home Craftsman Circle

(Continued from page 16)

to represent brick.

The whole job is mounted on a 4x4 cypress pole about 10 feet above the ground, and has elicited many favorable comments.

James M. Wheeler is proprietor of Wheeler's Drug Store in Albilene, Texas, and has a complete workshop back of his store. (See illustration.) Among other interesting innovations is the "Driver" drill press which he converted into a spindle shaper, shown in the snapshot here. His complete workshop is a source of interest among his many friends and customers. Home workshop enthusiasts invariably visit the shop when they make drug store purchases.

The complete model of Noah's Ark, in naturalistic setting, was conceived by C. Ernest Eck of Bridgeport, Conn., and executed on his "Driver" equipment.

For authoritative source of details, Mr. Eck referred to the text and illustrations in his Family Bible.

It took Mr. Eck 11 months in his spare time to complete the ark and the 60 or more animals that go with it.

The entire project is displayed on a miniature stage, equipped with footlights.

The ark itself is 54 inches long, 26 inches high and 13 inches wide. The whole layout has a frontage of 33 inches and is 54 inches high.

Among other projects developed by Mr. Eck are a model circus, models of famous airplanes and steamships, a working model of a drawbridge, railroad train models and many other items.



Manufacture of "Driver"

10 feet by 10 feet—smaller than your purposely so.

found that an or-top pays, and have chisels and screwing the wall. A set d nails in a board spindle shaper cut-the saw dust and

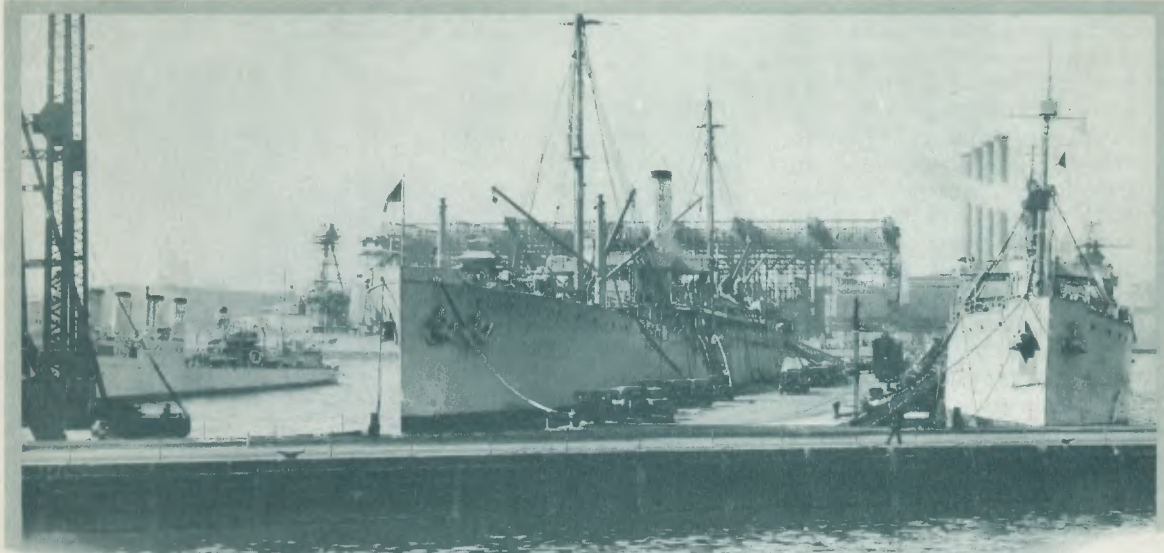
tershaft runs in—one for the lathe, jig saw,—the other ner, saw, spindle drill press.

ngement gives us ty to utilize a small e end of the motor larger pulley on nd, and thus run machines from a M. countershaft thers run from a I. shaft.

every mistake you in setting up the still rearranging it dering whether the Driver shop lies in or its rearranging get a kick out of

ords, dear reader, in of your home in equipment, arad operation. The build here can be ir equipment. If it, we won't ask pt it.

r workshop—your laboratory.



Ewing
Galloway

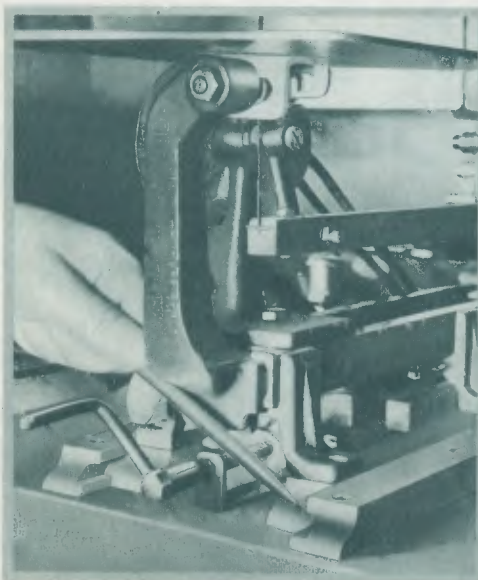
A "Driver" Workshop Joins The Navy

A DRIVER work shop — a counterpart of the equipment you have in your work shop, has joined the U. S. Navy! In an unofficial capacity, of course, but subject to the same thrills — the same adventure — the same globe encircling route that may be the experience of every member of the fighting fleet.

It was just about eighteen months ago that Uncle Sam ordered Lieutenant P. J. Halloran from his post in Haiti to a naval base located in the states. But somewhere between Haiti and the Lieutenant's new home, a "baggage smasher" lived up to his joke book reputation.

Lieutenant Halloran is a civil engineer. His mechanical inclination prompted him to invest in a lathe — his first unit in what is now a complete Driver work shop. The lathe enable him to re-

pair his furniture — and prompted the acquisition of additional Driver units.



Hardwood tongue strips guide the units
backward and forward

But while the Driver Workshop is a hobby with Lieutenant Halloran, he does not limit its scope to play after hours. He soon found himself constructing models in wood of concrete projects, which help to plan his naval work. For instance, in a laboratory at his station, he has built wood models for such important concrete projects as dry docks, unusual pier repair work, complicated hydraulic sections, and the many other intricate problems that may confront a civil engineer in the service.

Usually, we can establish our Driver shop in the cellar, the attic, or the spare room, and keep on developing and enlarging as we desire. An officer in the Navy, however, is confronted with difficulties that do not ordinarily beset the home craftsman. Perhaps without warning, Lieutenant Halloran may be sent

to almost any
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But when
Craftsman
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a friend? T
workshop ow
shop is as m
and his life
his household
mobile!

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tenant Hall
surmount the
to encounter



Lieutenant P