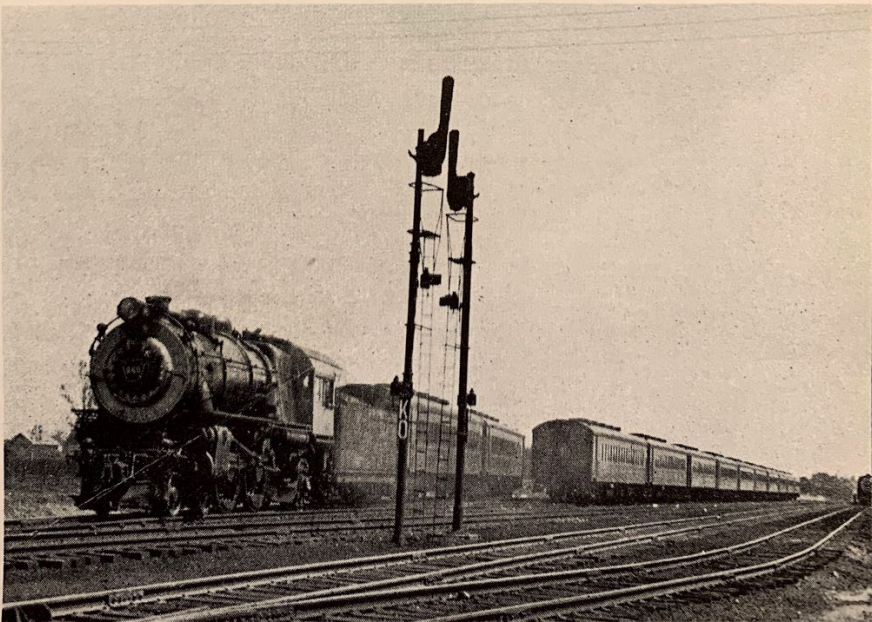
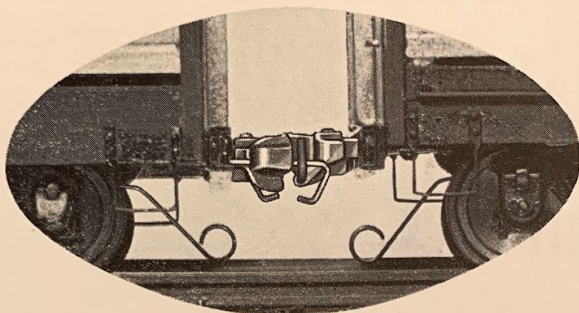


1940

**TWELFTH
ANNUAL
EXHIBITION**

**NEW YORK SOCIETY
OF MODEL ENGINEERS, Inc.**




**K
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W**

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FULL AUTOMATIC COUPLER

FOR "O" GAUGE

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 IN OPERATION ON THE N. Y. S. M. E. LAYOUT

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"HO"
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 An **UNBEATABLE** Combination

B & A Tank Engines by the HO Depot, Dedham, Mass.

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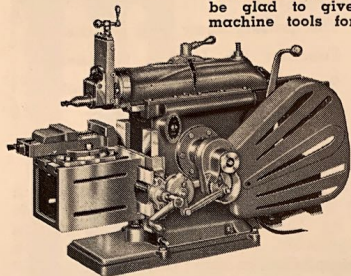

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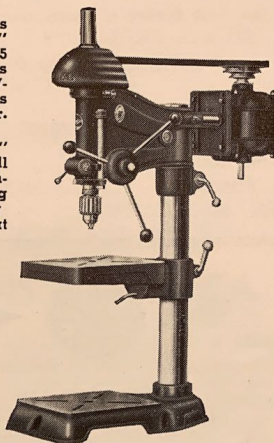
Cranston, R. I.

For long, dependable service—precision, power, durability—make yours an Atlas-equipped machine shop. Your machinery dealer will be glad to give you working demonstrations of the new Atlas machine tools for 1940.



(Left) New Atlas Shaper with 7" stroke, 4 speeds, 5 automatic cross feeds, complete V-belt drive. Runs from 1/2 HP motor.

(Right) New 15" Heavy-Duty Drill Press. Atlas spindle-head bearing design gives long accurate service at high speeds.



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Atlas MODERN MACHINE TOOLS

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An excellent line of freight cars and cabooses, which will definitely add distinction to any model railroad.

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Palisades Park (Est. 1927) N. J.

N. Y. S. M. E. BULLETIN

Published in the Interest of Modelmaking by
New York Society of Model Engineers, Inc.
152 West 42nd Street • New York
Telephone LOngrave 5-8290

Volume 5

No. 1

EDITORIAL STAFF

JOHN B. RESCHKE Editor
A. KIMMEL Assistant
WM. MAC ALLISTER..... Assistant



LOOKING UP

We welcome you, dear visitor, to this our Twelfth Annual Show and Exhibition. Here, under one roof we have assembled for your education and enjoyment the finest examples of the art of the amateur modelmaker. Co-operating with us are the many booths and displays of the various manufacturers where you may purchase parts, kits, and materials that enter into the construction and fabrication of a model.

Organized in 1926 by a group of power boat enthusiasts, the New York Society of Model Engineers has grown until today it holds an enviable position in the field of modelmaking. Its Annual Show has become an institution in the model world.

It is refreshing to know, that in these trying times there is a group of men devoting themselves to the pursuit of a hobby that gives satisfaction both in the creation of a model and its operation. This satisfaction is not to be construed as a smug complacency but is a satisfaction of the mind, a rest to minds made weary by the toil of everyday work. A man who devotes his time to the creation of a work, no matter how trivial that work might appear, does his part towards the creation of a better and more peaceful world.

The operating railroad of the club, known as the Union Connecting Railroad is the result of two years of intensive design and work on the part

The present show will run from
February 9th to 24th inclusive,
Sundays excepted. Open daily
from 1 to 10 P.M.

of its members. Typical of American railroad practice and built to standards set by the National Model Railroad Association, it represents what can be accomplished in short order by the spirit of co-operation on the part of individuals towards a common goal. However, much remains to be done and we hope to have the line completely signaled, additional trackage laid, yards completed and other necessary work completed when next we meet again.

Once again, may we repeat that this is your show and we welcome suggestions and constructive criticism on the part of you, our visitor who in no small measure has contributed to the success of our undertaking. Do not hesitate to call upon any of our members for information or advice that you might seek in the model field.

THINGS TO COME

Late in 1926 when the Society was being formed, the principal objective of its founders was the promotion of modelmaking as a leisure time let-down. It was contemplated that by proper promotional activities, the art of modelmaking could be spread throughout the country so that a larger proportion of the population would be able to enjoy this indoor avocation.

How well this aim has been fulfilled is attested by the large subscription lists of magazines devoted to the modelmaker and hobbyist. In 1926 there was only one magazine devoted exclusively to modelmaking. Its circulation was then less than 2000. To-day the aggregate circulation of the model magazines now being published is reputed to be well over 200,000.

The society has never ceased to promote modelmaking to the utmost of its ability. Even now, plans are being

(Continued on Page 9)

IF

**YOU ARE INTERESTED
IN THE
PROTOTYPE
AS WELL AS THE MODEL**

**FIND OUT ABOUT THE
RAILROADIANS of AMERICA**

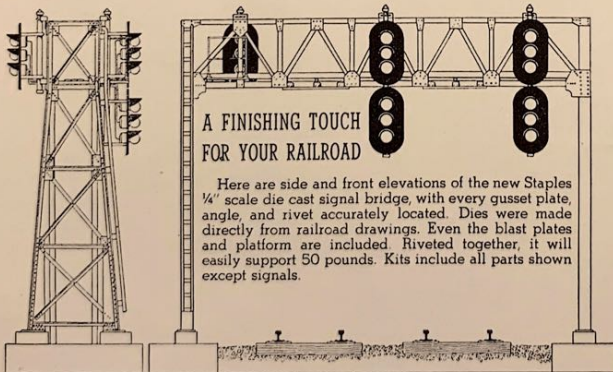


An organization for those whose avocation is the study of railroading, and are interested in its history, development, present and future, in the preservation and publication of historical material, in regular monthly meetings which are held in N.Y.S.M.E. quarters, occasional trips, and the foundation of a railroad museum in New York City. You are invited to write for full details to:

C. E. Pearce, Sec'y, 23-41 35th St., Long Island City, N. Y.

SEE the RAILROAD EXHIBIT NOW at the Museum of the City of New York

MODEL ENGINEERS KNOW



Here are side and front elevations of the new Staples 1/4" scale die cast signal bridge, with every gusset plate, angle, and rivet accurately located. Dies were made directly from railroad drawings. Even the blast plates and platform are included. Riveted together, it will easily support 50 pounds. Kits include all parts shown except signals.

That a model railroad is not complete without automatic signals and a remote control system.

They also know that to use imitation or inferior equipment is not in keeping with good railroad engineering.

Your model railroad needs Staples equipment. You can operate your trains by signal indication in the same way as do the larger railroads.

Staples signals are accurate 1/4" scale reproductions. Staples switch machines and relays stand up under hard service.

Start your first installation now and add more later. Good engineering costs less in the long run.

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ACCURATE 1/4" SCALE MODEL SIGNALS • REMOTE CONTROL MACHINES • AUTOMATIC SIGNALING SYSTEMS



ANCHORS AWEIGH!

Miniature speed boat racing is a coming competitive sport of today, one that furnishes all the thrills of motor boat racing and yet is so inexpensive anyone may compete. Imagine Gar Wood's Miss America XII speeding over a course at the rate of 420 miles per hour, or seven miles per minute! That is what he would have to do to equal the speed of these small three foot racing boats which travel at the unbelievable speed of fifty miles per hour.

Miniature power boating began in England about 1910 and has assumed a place of great importance in the hobby field of today. It is a sport for the man who likes to create things with his hands. Model power boats range in size from 24 to 40 inches in length and are powered with miniature high speed gasoline and steam engines which develop from one-half to three horsepower and spin up to 15,000 R.P.M.

The boats are tethered to a pole by

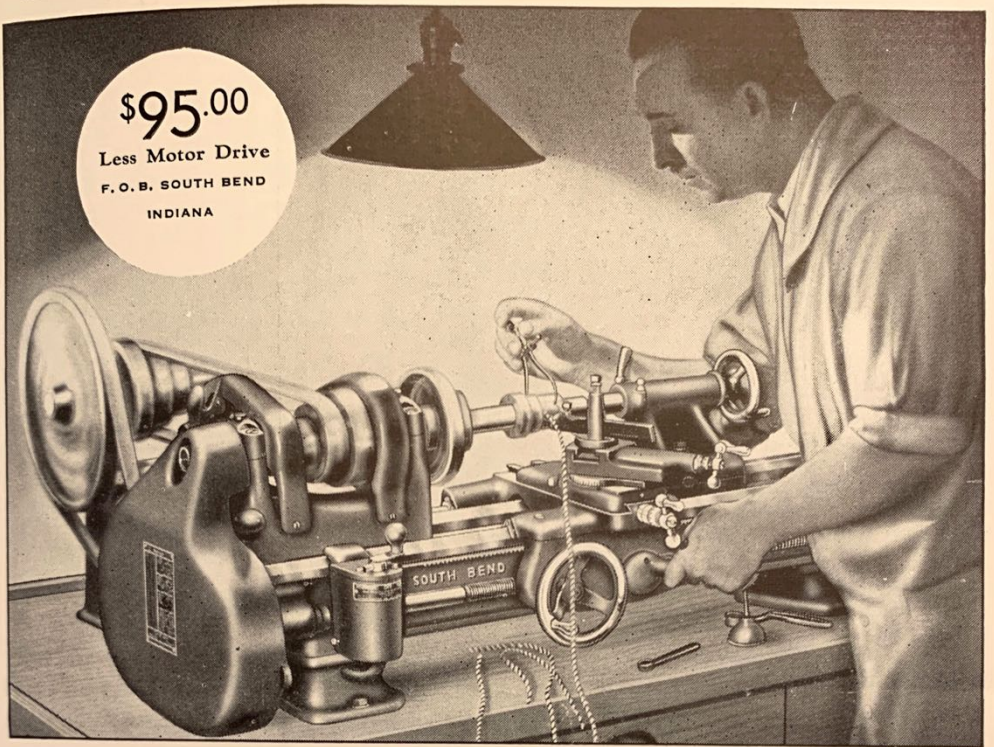
means of a 52½ feet string thus making the boat travel in a circular course. To date, the fastest time was made by a 2 cycle gas boat that traveled at the speed of 56 M.P.H., although a steam powered boat was timed for one or two laps at 60 M.P.H.

The approaching race season promises to show us greater speeds and also greater stability in the small high powered craft. The general trend to-day is toward the two step boat which has been a very consistent performer.

Many races are planned for this year and the enthusiasts will visit Detroit, Washington, New York, and other parts of the country. The New York Society of Model Engineers will hold their annual Walter Elliott Memorial Race around Labor day at the New York World's Fair, under the Perisphere. These races attract great attention and we expect many participants and spectators.



A PRIZE WINNER AT A FORMER EXHIBITION



\$95.00
 Less Motor Drive
 F. O. B. SOUTH BEND
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No. 415-YA, 9 1/4" swing x 3' bed South Bend Workshop Bench Lathe with Horizontal Motor Drive, 1/4 h.p. Reversing Motor, Switch, Belts, and Adjustable Belt Tension Countershaft. Wt. 320 lbs. F.O.B. South Bend, Ind.

\$127.00

Precision and Accuracy for the Finest Work

The South Bend 9-inch Workshop Back-Geared Screw Cutting Lathe shown above is designed and built to handle the most exacting jobs. It is a precision lathe with back gears, precision lead screw, and V-ways on lathe bed. The fine workmanship and new features of this lathe assure accuracy and maintain it over a long period of years.

Visit our display of South Bend Lathes in our showroom. Examine for yourself their high quality, and the fine precise work which they handle. Write to us and let us send you free instruction on metal working operation as well as information about South Bend Lathes.

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The Railway & Locomotive Historical Society, Inc.

BAKER LIBRARY, HARVARD BUSINESS SCHOOL
BOSTON, MASS.

This Society, founded eighteen years ago by a group of men in Boston, is interested in the preservation and publishing of documentary material relative to the history and development of the locomotive and the railway.

The parent Society, its four chapters located in New York, Chicago, San Francisco and the Twin Cities, is always willing to furnish such information as it is able on this subject and welcomes to its ranks anyone interested in this work.

Communications may be addressed either to the Secretary of the parent society, as given above, or to our New York Chapter, P. O. Box No. 434, Grand Central Annex, New York, N. Y.

Kindly mention Bulletin to Advertisers

(Continued from Page 4)

formulated to extend its activities into fields in which it has been rather inactive. During the past few months interest has been re-awakened in the rank of the "live steamers." Track and testing facilities are now being provided for the operation of live steam locomotives in one-half and three-quarter inch scale. Plans are under way for the construction of an outdoor track for test and experimental purposes. In the near future it is hoped that those interested in the construction and operation of model airplanes, miniature racing cars, yachts and other models requiring ample room to operate can be accommodated.

In its quarters the society maintains a complete machine shop available for the use of the members at any time, once they have been certified by the Shop Foreman as capable of using the

machinery. All the power tools usually found in a small shop may be found here. As an example of the work turned out in our shop, your attention is called to the gas and steam powered boats which have been designed and built complete by several of the members. A large part of the railroad equipment, including power panels, control boards, right-of-way structures, etc. was also turned out by members using the shop facilities.

To those interested in modelmaking in a serious vein, the society offers unlimited advantages. However, it is not a question of "all play," as in return for membership at a nominal fee and initiation, we expect full co-operation in club activities. If you would like more information concerning membership in the Society, it is suggested that you contact the Chairman of the Membership Committee who will answer all inquiries.

TRADE EXHIBITS

At the time of going to press the following firms had made arrangements to display their products.

A. W. Gerstner Co.

Richter's

Nason Railways

Hobby Craft Stores, Inc.

Midlin Models

Icken Model Locomotive Co.

Lafayette Model Co.

Wm. K. Walthers, Inc.

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SHOW SPECIALS—Visit Polk's for complete list

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PANTOGRAPHS HO....\$1; OO\$1.25; O	\$1.50
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'O' Assembled Steel Switch, L or R....	\$2.30 ea. pr...\$4.50
TRACK GAUGE & LAYER---ingenious.	\$1.25
Scale trucks with Lionel wheels.	\$1.00 pr.

— AND A "MILLION" MORE AT POLK'S

THE RAILROAD ENTHUSIASTS, INCORPORATED

(New York Division)

invites the members of the New York Society of Model Engineers and others interested in railroads and railroading to attend its meetings, which are held every 4th Friday of the month at 7:45 p.m. in Room 2728, Grand Central Terminal Building, N. Y. C.

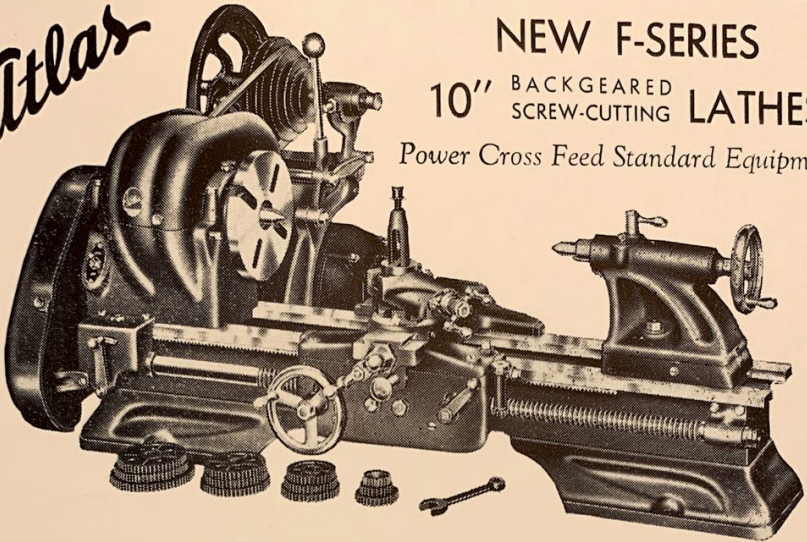
LIONEL M. RODGERS, Sec.
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Atlas

NEW F-SERIES

**10" BACKGEARED
SCREW-CUTTING LATHES**

Power Cross Feed Standard Equipment

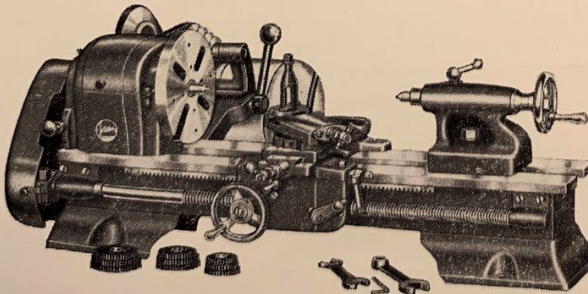


Visit your machinery dealer and see what Atlas Engineers have done for you in developing this new F-Series 10" Lathe. Then you'll know why experienced machinists are advising: "GET THE MODERN ATLAS." You'll find it gives you precision and performance at a sensible price, because it is modern in design and efficiently engineered. Whatever the job, the Atlas features will help you do it easier and better.

SPECIFICATIONS: Swing over Bed 10"; over Carriage 6 $\frac{1}{2}$ "; 16 Spindle Speeds between 28 and 2072 RPM; Thread Cutting Range, right and left, 4 to 96 per inch (standard); Four Bed Lengths, Capacity 18" to 36" between Centers. 60-Hole Indexing Mechanism; Graduated Tailstock Ram.

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SCREW-CUTTING LATHES**



Swing over bed 6"
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Sixteen speeds . 54 to 3225 RPM
Headstock spindle, No. 2 Morse Taper (Sleeve available for No. 1 Taper)

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Motor recommended . . . 1/4 HP, 1740 RPM

Two sizes: 12" and 18" between centers, 24" and 30" bed. \$61.50 and \$64.50.

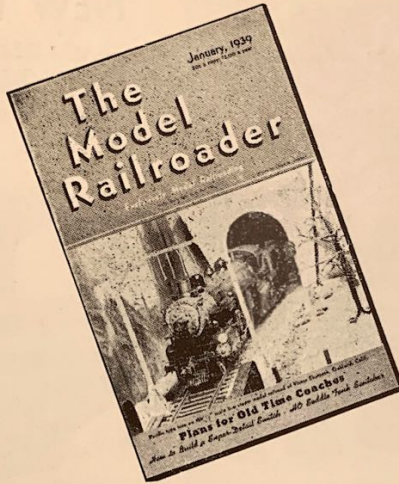
If most of your lathe work requires a swing of not more than 6 inches and 12" or 18" capacity between centers, be sure to get complete information about these sensational machine tools — the first precision-built small lathes at a popular price. Rugged, powerful,

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Atlas Press Company

NEW YORK, N. Y.



"Exclusively Model Railroading"

The Model Railroader is tops in the model railroad magazine field. It's a professionally edited, excellently printed publication of 52 or more pages monthly, copiously illustrated and replete with plans and shop tested construction articles by a staff with excellent technical backgrounds.

The growth of this magazine in the six years since it was established is such that it has just moved into a large new plant with the finest of printing and engraving facilities all under one roof. Just one copy will convince you that 16,000 model railroaders are right when they give The Model Railroader the largest circulation in the scale model railroad field, as well as the largest advertising patronage.

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Write us for friendly advice on your model railroad problems. We'd like to get acquainted.

THE MODEL RAILROADER

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