

The NEMES

NEW ENGLAND MODEL ENGINEERING SOCIETY INC.

Gazette

No 266

August 2018

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August Meeting

Dan Eyring will give a slide show of "mystery items" in the Museum's collection, followed by a guided tour of the Museum's archive - commonly known as "The Wayback". Bring your flashlight! The goal of this is to identify some of the mystery items.

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Club Business

Rich Baker

Dues. The 2018 dues are past due. Please bring your \$25 check to the August meeting or you can try out our credit card system. Or mail me a check to Rich Baker, NEMES, 288 Middle Street, West Newbury, MA 01985



President's Corner Dan Eyring

President's Corner Daniel Eyring

I would like to announce the **First Annual NEMES Membership Drive**.

James Sheffler is to be congratulated for already doing his part, having just introduced a new NEMES member into his family last week. Of course, it will be 15 years or so before the little guy (and his four year old big sister) start attending NEMES meetings. So it's a good long term plan, but we really need a shorter term approach to finding new members.

The key to finding new members is to spread the word about what a great club we have. And we all need to participate if we're going to spread the word far enough and convincingly enough to have an impact. In that spirit, I've created a NEMES advertisement, shown on page 3, for you to print out and post wherever you think it might be read with interest. I'll have a bunch of these flyers printed up for members to pick up at the August meeting.

I'm sure I can't think of all the good places to advertise NEMES. But here are a few suggestions:

- High Schools and vocational schools of any sort.
- Your local Maker Space or similar operation.
- The local machine shop, auto shop, metal supplier, or similar places you patronize.
- Any hand skill related club you belong to (boat building, old car renovation, watch & clock, etc).
- Mechanical, industrial, electrical museums.

And finally, be sure to take a handful of flyers to pass out at the next model or car/truck show you exhibit at.

Used Machinery for Sale

Ceramaloy Carbide Sharpening Co.

69 Bridge St,

Salem, MA 01970

Contact: Sharon Martin

978-979-2311.

They have a Do-all manual surface grinder...It comes with 2 magnetic chucks 6 x 12" and vises, diamond wheels, grit wheels, etc.

They may have additional equipment for sale.

They appear to want to sell it quickly.

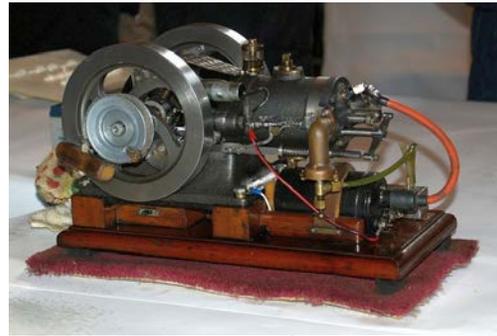
NEW ENGLAND MODEL ENGINEERING SOCIETY

Founded in 1996, the New
England Model Engineering
Society

(neme-s.org) is group for those
who enjoy metal working and
machining. The club meets
monthly, first Thursdays at 7 PM
at the Charles River Museum of
Industry and Innovation
(crmii.org) in Waltham, MA.
Please see directions below.

For the last 22 Februaries,
NEMES has sponsored a Model
Engineering Show at the CRMII.
Dozens of exhibitors show off
their model engines and other
mechanical marvels to hundreds
of attendees. Here are a few
pictures from this year's show:

Take Rte 128 to Rte 20. Go East on Rte 20 to
Central Square, about 2 miles. Right on
Moody Street, cross the river, Left on Pine
Street. to municipal parking lot on left. Short
walk over the footbridge to the Museum



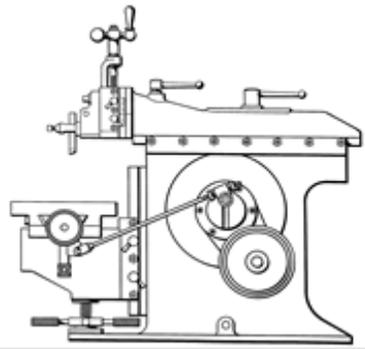


From the
Editor's Desk

Bob
Timmerman

We have a number of things in this issue. Kay Fisher has written two more articles on shapers. One is in this issue, the other will be in the September issue. Kay has collected his writings into a book, which is available with either color or black and white illustrations (color at higher price).

The Museum will be getting a tool and cutter grinder for the maintenance shop. The same person has a Do-All surface grinder for sale, with two magnetic chucks and wheels, and perhaps other machine tools for sale. See the ad on page 2 in the Gazette.



Metal Shapers

By Kay R. Fisher

Drummond Hand-operated Shaper

Mick Knights sent this nice article about rebuilding his Drummond shaper and making a vise and tool holders.

My Drummond Mk. 2 hand lever operated shaper arrived a couple of weeks ago. I've stripped it down, cleaned and repaired the tool slide casting, which was in two bits held together with a sheet metal

plate. For its age, its in good condition, I've had to make a rotating vise and a decent tool holder though.



Drummond Mk. 2

Photo by Mick Knights

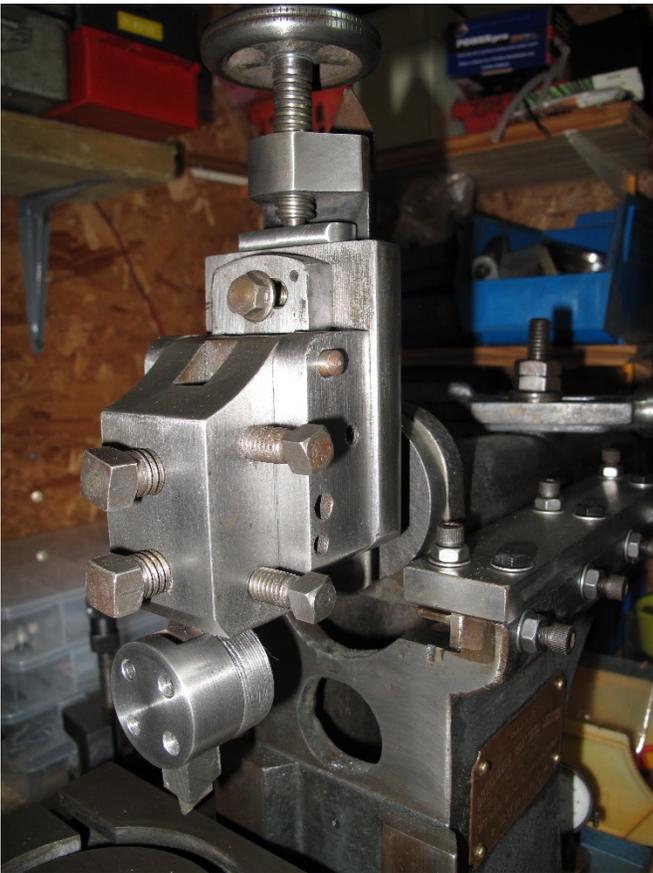


Drummond Mk. 2

Photo by Mick Knights

Here is my take on the universal tool holder problem. There are three interchangeable tool blocks, taking 1/4" 3/8" & 1/2" tool bits, which can be mounted forward of the clapper box base, or by using a spacer, in line with it. I've taken the first cuts and am very impressed.

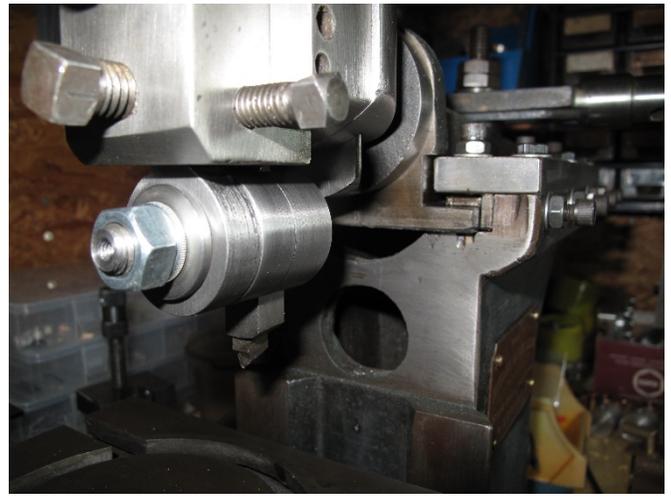
Kay



Clapper Box w Tool Holder Photo by Mick Knights

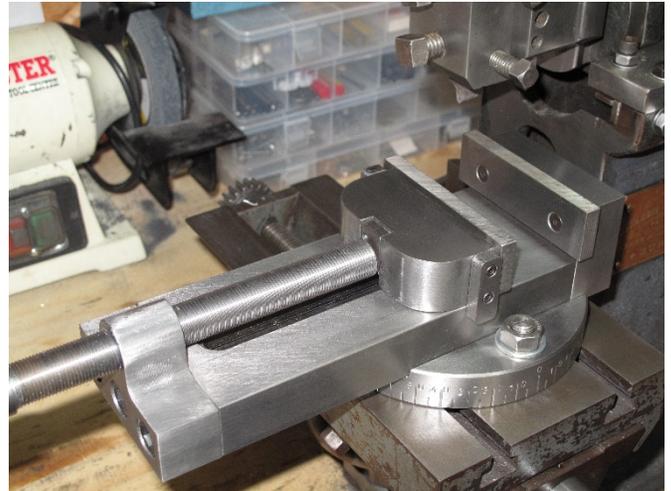


Tool Holder & Blocks Photo by Mick Knights



Tool Holder at Work Photo by Mick Knights

Below is the machine vise I made for the shaper, which is proportional to the original.



New Vise Photo by Mick Knights



New Vise at Work Photo by Mick Knights

Thanks Mick for your input and great pictures.

Summary of July Meeting

Todd Cahill gave a presentation on the Brandy Warmer (Bradiallary) he made for a local hotel bar. The machine rotates a brandy snifter over a canned heat flame for a minute, then shuts off, and snuffs out the flame. Todd described how he made it, and designed and built the gear train that drives it from an old 78 RPM wind up record player

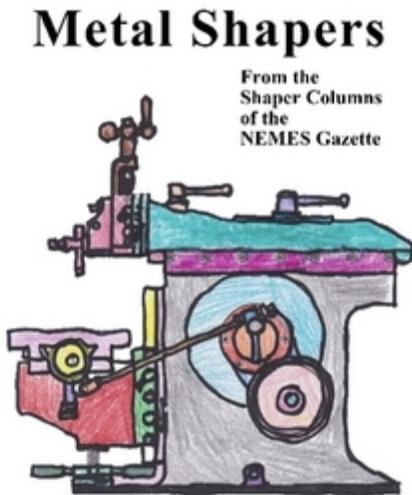
New Books by Kay Fisher

Metal Shapers Color Version

By [Kay Fisher](#)

Paperback, 540 Pages

☆☆☆☆☆ This item has not been rated yet



Edited by Kay Fisher

[Preview](#)

Price: **\$35.00**

Prints in 3-5 business days

Metal Shapers are a unique tool used by machinists. By today's standards they are obsolete yet there are many amateur machinists and some professionals who still use these wonderful machines. Over a period

of 16 years there have been over 140 articles published in the shaper column of the NEMES Gazette (The newsletter of the New England Model Engineering Society). This book contains all those columns republished and in some cases updated and corrected.

Metal Shapers B&W Version

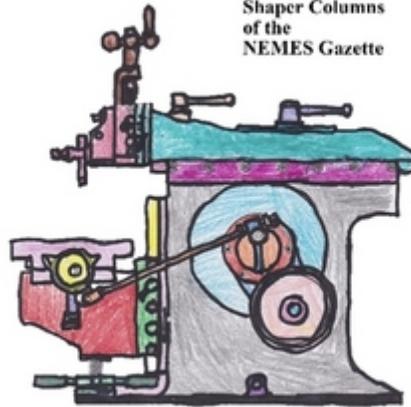
By [Kay Fisher](#)

Paperback, 540 Pages

☆☆☆☆☆ This item has not been rated yet

Metal Shapers

From the
Shaper Columns
of the
NEMES Gazette



Edited by Kay Fisher

[Preview](#)

Price: **\$12.00**

Prints in 3-5 business days

Metal Shapers are a unique tool used by machinists. By today's standards they are obsolete yet there are many amateur machinists and some professionals who still use these wonderful machines. Over a period of 16 years there have been over 140 articles published in the shaper column of the NEMES Gazette (The newsletter of the New England Model Engineering Society). This book contains all those columns republished and in some cases updated

Future Events

[Editor's note: Our new webmaster has done a great job of formatting this section for the NEMES website. This section of the Gazette is a copy of that section of the website, and will keep the website format]

August 2018

- **August 3-5** The Northeast Rockbusters will be hosting another Antique Equipment Show
Pembroke NH Concord Sand and Gravel Pit Concord/Pembroke NH
Show entrance is off NH Pembroke Rd
Pembroke NH 03275
- **August 11-12** 39th Annual Straw Hollow Engine Works Show
Boylston, MA Pine Ridge Farm, Cross St., off Rt. 70. Boylston, MA
Contact: Daniel Moore, 125 Linden St., Boylston, MA 01505
tel: 508-869-2722
- **August 17-19** Bristol Model Engineers Exhibition 2018
Bristol, United Kingdom
[BSMEE 2018 EXHIBITION](#)

- **August 18** American Precision Museum Annual Model Engineering Show and Maker Space
Windsor, VT 196 Main Street, PO Box 679, Windsor, VT 05089
Exhibits at both APM and around the corner at the Windsor Rec Center
Admission--\$10 adult or \$5 students; one ticket good for both venues.
Please call us at 802-674-5781 for more detail

[American Precision Museum](#)

- **August 18-19** Antique Marine Engine Expo
Mystic CT Henry B. duPont Preservation Shipyard
75 Greenmanville Ave Mystic CT
1-95 exit 90, south on CT Rt. 27 to Mystic Seaport.
Contact: Scott Noseworthy, PO Box 6000, Mystic, CT 06355
tel: 860-572-5343
email:
scott.noseworthy@mysticseaport.org
[Henry B. duPont Preservation Shipyard](#)

September, 2018

- **September 7-9** 47th Annual Dublin Engine Show
Dublin NH East of junction 101/137 on Rt. 10t
Feature: Domestic engines.
Contact: Bart Cushing, PO Box 668, Walpole, NH 03608
tel: 603-313-9970
email: bart@cushingandsons.com
[www.dublinnhgasenginemeet.com](#)

December, 2018

- **September 14-16** Tobacco Valley Flywheelers 38th Annual Show
Haddam CT Haddam Meadows State Park, Rt. 154.
Contact: Russ Bengtson, 646 Bear Hill Rd., Middletown, CT 06457
tel: 860-347-5774
www.oldengine.org/members/tvf
 - **September 28-30** 34rd Annual Connecticut Antique Machinery Assn. Fall Festival
Kent CT One mile north of Kent on Rt. 7.
Contact: John Pawloski, PO Box 425, Kent, CT 06757
tel: 860-927-0050
email: j.a.pawloski@att.net
www.ctamachinery.com
-

October, 2018

- **October 13-14 : 10-5 Sat, 10-4 Sun** Rail Fair 2018 - Model Train Show
Boxboro, MA Boxboro Regency Hotel
Sponsored by Nashua Valley Railroad Association
<http://nvrta.com/>
-

November, 2018

- no events currently
-

- **December 1-2** New England Model Train Expo
Marlborough, MA Best Western Royal Plaza Hotel and Trade Center in Marlborough, MA
 - **December 8, 2PM** 9th Annual NEMES HOLIDAY Dinner/Get Together
Essex, MA Woodman's Restaurant in Essex MA 121 Main St, Essex, MA.
No tickets or reservations. Just show up enjoy! (you may have reservations but come anyway)
www.woodmans.com
-

January, 2019

- **January 18-20** Cabin Fever
Lebanon, PA
-

February, 2019

- **February 18** 2019 NEMES Model Engineering show
Waltham, MA Charles River Museum of industry and Innovation