

NEWS 145



**October
2015**

TTTG Inc.

www.tttg.org.au

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Cover

Cyclone Double Grip Scaffolding
1971 Handbook For Builders

Next Meeting

13 October 2015 Tuesday 7pm.

Buying & Using Moulding Planes

Followed by

The Auction

The Meeting will conclude with a member's only auction.

Again there will be many bargains to be secured at low prices!

A run of donations provides many items to be put under the hammer.

Auction Rules

The tools to be auctioned will be under cover before the auction.

If you bring tools to be auctioned give details before the meeting.

Minimum Bid

The lowest bid is \$2

2015 TTTG Fees

Membership **\$40**

Workshops **\$40**

Tool Sales **\$5**

Meetings **\$5**

TTTG Inc.

GENERAL MEETINGS

The general meetings are at the National Trust Centre Observatory Hill, Sydney.

This location is easy to reach by public transport.

There is ample parking close to the meeting room.

Parking is free, safe and secure.

The general meetings are in the **Meeting Room.**

Refreshments are provided.

The entry fee is \$5.

TTTG Inc. Contacts

All Correspondence

The Traditional Tools Group Inc.
Post Office Box 75
Eastwood NSW 2122

Enquires

Mike Williams
02 9144 6356

Bob Crosbie
bobcrosbie@tttg.org.au

www.tttg.org.au

NEXT MEETING

13 October 2015 Tuesday 7pm.

Buying & Using Moulding Planes

National Trust Centre
Observatory Hill
The Rocks Sydney

Doors open 6.30pm

Donations to TTTG

The Traditional Tools Group accepts donations of old tools and machinery.

TTTG does not offer a “*clear out everything in the garage*” service.
TTTG cannot guarantee to pick up donated tools immediately.

Bequests to TTTG

What will happen to your tools? Consider leaving your collection to TTTG.

UNDER NO CIRCUMSTANCES WILL TTTG OFFER VALUATIONS OF TOOLS

TTTG Committee 2015/16

Elected at the AGM 9 June 2015

Public Officer	Michael Williams
Secretary	Michael Williams
President	Bob Crosbie
Vice President	Matthew Pryor
Treasurer	Clynt Sheehy
Assistant Treasurer	Greg Pryor
Editor	Bob Crosbie
Librarian	Connie Merten
Liaison	John Bates

Other Committee members

Mario Dato, Peter Evans,
Fred Murrell, Andrew O'Connor,
Peter Tierney.

Committee 28 August 2015

At the TTTG Inc. Committee Meeting 28 August 2015 Mike Williams announced he will be standing down from the Committee after December 2015. Mike Williams will continue as Secretary, Public Officer until December 2015.

At the TTTG Inc. Committee Meeting 28 August 2015 the Committee discussed the TTTG Inc. Constitution and created the position of Vice President.

News Postal Address

TTTG Inc. has a new address; all correspondence should be sent to

The Traditional Tools Group Inc.
Post Office Box 75
Eastwood NSW 2122

Committee Changes

At the TTTG Inc. Committee Meeting 28 August 2015

Matthew Pryor accepted the position of Vice President

Andrew O'Connor accepted the position of Public Officer after Mike Williams' resignation is formalised.

John Bates accepted the position of Secretary after Mike Williams' resignation is formalised.

Membership Cards

All TTTG Inc. financial members will be issued with plastic cards. The membership card will give members a discount on purchases made with a number of retailers.

Details in NEWS 146

Member's Reward Discs

TTTG is introducing *loyalty discs* for members. A disc is worth \$5.

This is how it works

Members get one \$5 disc for:
Attending a TTTG Workshop

Members get one \$5 disc for:
\$50 or more spent at a
TTTG Auction
TTTG Member's Tool Sale

The \$5 will be refunded when the loyalty disc is used to pay for a TTTG event or purchase.

The new \$5 loyalty discs can be used to pay the \$5 entry fee to all TTTG meetings and Tool Sales.

President's Report

2014/15 was a big year for TTTG with several major developments.

NEWS

TTTG members now have the choice of receiving NEWS as a print or as an electronic version.

In 2016 there will be changes to the format and posting of NEWS.

The new TTTG Website

Members can create a *login in* and this has increased the frequency of visits to the website.

The new Web Administrator has lived up to TTTG's expectations.

The TTTG Workshops

The MCC advertising has attracted many new faces to the TTTG "real skills" workshops.

TTTG Finances

Financially TTTG is in good shape.

2015/16

TTTG will continue to grow!

The objectives are:

- Secure a permanent workshop.
- Secure funding.
- Improve the quality of NEWS.
- Secure Sponsorship for NEWS.
- Reprint Tool Calogues

2015/16 should be a good year!

"Real Skills"

Workshops

**Fine Woodworking Skills
Saturday 10 October**

**Tuning and Using Planes
Sunday 11 October**

**Sharpening Handsaws
Sunday 8 November**

Workshop Venue

Brush Farm House

Forster Hall

19 Lawson Street Eastwood

**Workshops are \$40 Enrol
online**

Details at www.tttg.org.au

Coming in 2016

New TTTG Workshops

-Timber selection

How to select timber.

-Electric Routers

How to use routers safely.

-Tool Repairs

What to do and what not to do.

-Heritage Joinery

Traditional joinery explained.

-Moulding planes

What they can do and how to us.

-Shaves and Knives

Using spokeshaves & drawknives.

Next Meeting

Tuesday 13 October 2015
7pm.

National Trust Centre
Observatory Hill
The Rocks Sydney

Moulding Planes Buying and Using

The presenter will explain how to identify, sharpen, set up and use all the types of moulding planes.

Moulding planes are useful tools and not curiosities for collectors.

With the right moulding planes any profile can be made to a finish far superior to a machine product.

New moulding planes cost at least \$100, old moulding planes can be found for an average price of \$10.

Includes a display of old planes.

Last Meeting

Annual General Meeting
Tuesday 11 August 2015

The audience enjoyed viewing

*Choosing, Refurbishing & Using
Moulding Planes
with Bill Anderson*

The next meeting will follow on from the viewing with a “hands on” presentation of moulding planes.

The slide show was compliments by Fred Murrell’s Rare Planes.

The Auction

Stocks were low due to high sales!

There will be many rare items to tempt the bidders at this auction.

The Auction Rules

-No previews

-\$2 minimum bid.

The Traditional Tools Group Inc. Tool Collection & Library

The TTTG Tool Collection has been moved to Brush Farm House.
The TTTG Library has also been installed in Brush Farm House.

Eventually the Tools and Library will be open to TTTG members.

Volunteers Wanted

TTTG needs volunteers to catalogue the Tool Collection and the Library.

Contact the TTTG Librarian, Connie, if you can help.

The volunteer Library coordinators are Connie and Rick.

www.tttg.org.au

Overalls at the next TTTG MEETING ?

At the August Meeting the audience watched a DVD entitled **Choosing, Refurbishing and Using Moulding Planes** with Bill Anderson. Due to time constraints, only part of the DVD was able to be shown and due to a perceived interest in the topic, Bob Crosbie volunteered to expand on the subject at the next meeting. However he stated that he wouldn't be wearing Casey Jones Blue overalls that Bill Anderson was wearing on the DVD!

This raised considerable mirth from the audience and one of our members (who shall remain nameless) offered to buy Bob a pair if he guaranteed to wear them.

CITRIC ACID

\$5 a bag 450 grams

Available at all TTTG Meetings and Functions

**Will Bob rise to the bait?
Don't miss the next meeting to find out!**

"Casey Jones" OVERALLS

Guaranteed Genuine! **89c**

The most popular over-all we have ever sold — made of extra heavy blue denim with reinforced seams and plenty of pockets. Sizes 32 to 44.

CHAMERAY WORK SHIRTS

Heavy Quality! **69c**

Built for action with plenty of arm room and full across the back—two pockets, sturdy seams no wonder men insist on these shirts. Blue. Regulation sizes.



Anyone have a denim cap?

Richard Vaughan (Works in Wood Brisbane) is shortly going to the island of Rambutso in PNG to give advice and tuition to the locals in furniture making. He has approached TTTG to ask whether anyone has any hand tools that they no longer want and could donate to the cause, They are wanting braces and bits (especially bits), saws and any edge tools, hammers etc. No power tools because they don't have power!

Also transport to the island is by powered canoe so only useful things please!

Contact Mike Williams (02) 91446356 if you can help.

JD's

John Daniel

Custodians of Heritage

What is it about collecting, or more to the point, what is it about objects that attract our attention and in turn, lead us to accumulate similar objects? It's been said that a single item is just that, two items similar are a couple however three or more related items is well on the way to becoming a collection and the collector is on a slippery slide of becoming space challenged.

Speaking of shortage of space, only the other day when playing musical shelves I was intrigued to re-discover a little nest of iron-mongery, comprised of an old file, a pair of Gasfitter's pliers, an old pair of tinsnips, a large adze head and a battered old digging tool (for the want of a name).

Now what could these tools have in common?

Provenance was the answer. The file was marked "*Warranted Cast Steel*" more importantly to a collector, also stamped *Lassetter Sydney*, the retailer. The pliers were stamped, this time, *Lassetter & Co.* The Adze head was heavily struck "*T.A. 1900*" then *Made in England* and of interest *T. Aitken & Sons, Sydney*, and the tinsnips by *Alex Mathieson, Glasgow*. The old digging tool had no retailer's mark, it didn't need one as it was obvious that it had been re-forged several times by a town Blacksmith.

Three gouges were on another shelf; two pattern-makers gouges, one a 1 inch and the other a 1 ^{13/16} inch, and a small turning gouge, all three with user-made handles and interestingly, all had been retailed by *Thos. Linley, Sydney*. Accompanying the gouges was a London pattern screwdriver retailed by *G.T.Savage, Sydney* and an *Erik Anton Berg* 1/2 inch bevelled edge chisel retailed by *T. Aitken Sydney*.

Now on a roll, I found two tenon saws, one a *Henry Disston & Sons* retailed by *Anthony Hordern and Sons, Sydney*, the other, a much earlier steel-backed saw made by *G&T Gray, Sheffield* and retailed by *Lassetters, Sydney*.

Lastly, not least, were two rustic user-made planes, one, a seven inch long corner ovolo, was probably made by a late nineteenth century Chinese immigrant who, when the gold on the gold fields ran out, saw that there was another way of earning a living and went into Cabinet-making.

Being frugal, the Chinese Cabinet-maker managed to find an old chisel blade and used local wood, in this case Sydney Blue gum to fashion his plane (it was common practice for the Chinese to utilize second hand plane irons and chisel blades for their tools). The other was a 12 inch long fixed plough, possibly made in a pair for T&G joints or for making a grooved frame for fixed panels.

This plane may even have been used as a drawer-bottom plane. The plane was given to me by Fred Murrell as we share a common interest (maybe he was a little space challenged).

When it comes to collections, some have several; one could say that they are collectors of collections. This small collection isn't of any great monetary value; however its intrinsic value is cultural significance and reminds us, as collectors, that we are merely custodians of our heritage.

Very few collectors emulate Bower Birds flying around collecting blue clothes pegs to impress their mate, or Currawongs* stealing socks and jocks off clothes lines to feather their nests, most of them are historians who appreciate fine workmanship, innovation, and the connection to the folk that used them and conserve the tools for future generations.

***Currawong:** A large Australian black bird with white wing markings, easily recognised by its noisy distinctive double call.



Below left **Well marked**

Above **Unlikely companions**

Below right **Five handled blades with Sydney connection**





Above
***Digging tool hand-forged by a
country Blacksmith***

Left
***Adze head retailed by
T.Aitkens & Sons, Sydney***

JD's Online

A few days before the latest *NEWS* is posted to members *JD's* is online.

Eventually all the *JD's* printed in *NEWS* will be on the TTTG website.

JD's on the website will make *JD's* words and photos available to many.

For previous *JD's* login in to the TTTG Website.

Creating a member's login is easy!

tttg.org.au



Above ***Retailed by Anthony Horderns, Sydney***

Below ***Retailed by Lasseters, Sydney***



Above ***Two rustic user-made planes found in Sydney***



Mike William's comment;

Not exactly "digital" just yet. I watched the video and thought that whoever was demonstrating the tool had never used a marking gauge before as he consistently pulled the gauge towards himself. I have always found that pushing the gauge ensures that the gauge is kept tightly against the edge whilst pulling the gauge sometimes allows the gauge to wander away unless you are careful. Perhaps this is just personal preference.

The editor agrees;

It isn't preference, your way of using the marking gauge is the method that works!

Jim Davey adds;

Yes – another one.

Funny that we don't see much improvement in the quality of woodwork with the introduction of this high precision measuring stuff.

New Tools and Gadgets

Tool Reviews

The editor is willing to test and review any new tool or gadget such as the **JessEm** marking gauge and Odd Jobs but someone else will have to put up the money to buy the tools to be reviewed!

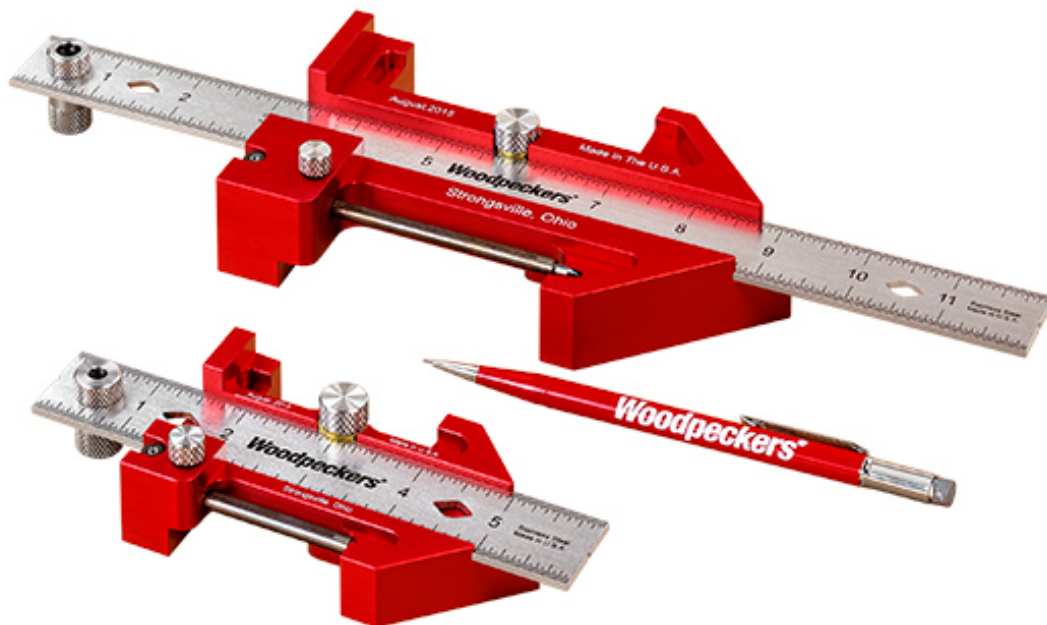
The reviews will be published in *NEWS* and posted on the website.

Woodpeckers Odd Jobs

In 1888 Stanley introduced the Odd Jobs multi-function tool. With fifteen tool functions this tool was an instant sales success. Today it is still sought by collectors as few Odd Jobs have survived with all the parts and in good condition.

Woodpeckers have put the Odd Jobs back into production using modern materials. This is certain to sell!

OneTIME Tool® - Odd Job



(Scroll to bottom for video)

It's like having a drawer full of tools in the palm of your hand.

Odd Job - The Ultimate Layout, Measurement, Marking And Gaging Tool. This multi-function marvel was first produced by The Stanley Works in 1888. Today, it's still highly sought after by woodworkers. Woodpeckers' Odd Job and larger Odd Job XL preserve all the 15 original tool functions but improves important aspects of the tool, like the precision machined solid aluminum body, stainless steel ruler and scribe tool.

Jim Hendricks

English Hand Tools with Jim Hendricks

www.wkfinetools.com

Go to the index and click on
“English Hand Tools with Jim
Hendricks” *You get a lot for your
clicks on this website.*

#Building a Twist-Lock Marking
Gauge

#Brace Yourselves! - Building a
Reproduction of 19th Century
English Brace

#Getting the Most from the Millers
Falls MF 1 “Cigar Shave”

#The Magic of Seaton's Chest

#Classic English Mortise Chisel -
The "Pig Sticker"

#Saving the Stewart

#Get to Grips with Your Handles!

#Three Little Castings

#Skelton Dovetail Saw Review

#Scottish Panel Plane

#Axe - William Marples & Sons

#Plane Maker's Bed Float
Reproduction

#Scottish Boxwood Infill Smoother

#The “Richard Tomes” Memorial
Infill Panel Plane

#Testing The “Richard Tomes”
Memorial Infill Panel Plane



Review

The photographs and commentary
spell it out ***Jim knows his stuff.***



www.stevelehmannaes.com

Looking for Axes?

This is the site for you

Welcome to our website.

Our aim is to share knowledge gained over many years of collecting and researching Axes, Adze, Bullock and Logging Gear. We hope this web page will encourage and assist axe collectors in their pursuit of what is a very worthwhile venture, preserving history.

There has only been one other web site in Australia for axes & associated gear (Axeoexa - David George) so hopefully this web site will help to elevate these artefacts to a level where they deserve to be.

I have never understood how a bell or an enamel sign can be worth big dollars & a tool that was absolutely vital to everyday life for centuries can be brushed aside.

After all; the axe is one of the oldest tools known to man & is certainly the most versatile, having been adapted to so many trades & to so many uses besides with timber. Like with all collectors -- I started up picking up any axe that was in good condition but over time tended to home in on specific makers & specific types of axes; mainly axes of the traditional trades out of the United Kingdom.

Editor: Interesting site with great photos of axes at realistic prices.

Bob Peak, a long-time and popular TTTG member has died.

We were greatly saddened to hear of Bob's passing and we all send our heartfelt condolences to Pat and the family.

"The Peaks" have been an integral part of TTTG for many years, active bidders and sellers at our "fun auctions" at the end of our meetings in the Annie Wyatt Room at the National Trust and of course we appreciated Pat's and Bob's support at many of our events, including our participation at the annual Timber and Working with Wood Show.

Drawknife Sharpening Jig

Galbert Drawsharp by
Benchcrafted

[www.highlandwoodworking.com/
galbert-drawsharp](http://www.highlandwoodworking.com/galbert-drawsharp)

The Drawsharp is a collaboration of some of our favorite people in woodworking. Benchcrafted makes top quality vice hardware and Mag-Blok magnetic tool bars. Peter Galbert is a renowned Windsor chair maker who teaches all over the world, including at our store. He has years of experience using and sharpening drawknives. He worked with the craftsmen at Benchcrafted to develop a simple, precise jig for sharpening drawknives to a fine edge.

The Drawsharp guides on the back edge of the drawknife and sharpens the cutting edge with diamond and silicon carbide abrasives. The jig has two sides - one for honing the bevel side of the drawknife, the other for honing the back side of the drawknife. You can switch quickly from bevel edge to the back edge without changing settings because each side sets up independently.

The Drawsharp comes packed in a convenient metal can with full instructions and enough abrasives for many sharpening sessions.

Drawsharp Review

The Galbert Drawsharp has been reviewed by Chris Schwarz
[www.popularwoodworking.com/
woodworking-blogs/chris-schwarz-
blog/galbert-drawsharp-use](http://www.popularwoodworking.com/woodworking-blogs/chris-schwarz-blog/galbert-drawsharp-use)



The *NEWS* editor and Chris Schwarz have no problems sharpening drawknives.

Provided the drawknife is in good condition this jig would effectively put a good edge on a draw knife and would be a safe solution to a potentially risky process.

“These design guys are frantically working to churn out new products to overcome the need for woodworkers to learn Hand Skills”.

Jim Davey

Buy a sharpening jig or spend half the money?

For only \$40 you can learn how to sharpening any edge tool. Learn how to sharpen tools at a TTTG Workshop and spend the money saved on simple inexpensive sharpening equipment that lasts a lifetime.

The Ledger

Clynt Sheehy

New Members

Heath Dickenson M0782
Peter Saville M0783
Enzo Fitzgerald M0784
Paul Newitt M0786
Terry Kirkpatrick M0787
Louise Pollock M0788
Arturo Chamorro M0789
Barry Wilson M0790
Gordon Willock M0791
Scott Eager M792
Ku-ring-gai Community Shed
M0785

Membership Subscriptions

Please pay your next year's TTTG membership subscription before 1st July 2016.

Subscription Payment

TTTG offers the following four methods of subscription Payment:

- Cash or cheque to the Treasurer at a meeting or workshop.
- Cheque (or money order) by mail payable to TTTG Inc.
- PayPal (see www.tttg.org.au)
- Direct deposit to the TTTG account at "My Credit Union"

BSB 802-058

Account No. 18925

Remember to provide your name and/or membership number when paying membership subscription.

2016 Sydney Tool Sale

Sunday 28 February 2016

Over 60 tables selling quality tools

Old tools & new tools for all trades

Want to be involved?

Rent a Table - only \$40 each

TERMS - No trading off the floor

Vendors must remain until 1pm

Book a table now

Contact Clynt (02) 9416 7134
treasurer@tttg.org.au

Moulding Planes

Hollows and Rounds

Hollows and Rounds were sold in full and half sets, in pairs or as individual planes. The sizes ran from number 1 to 18, with larger sizes also offered. Sizes rose by sixteenths of an inch. Half sets rose by one eighth of an inch. Common Hollows and Rounds were made with straight “eye” or skewed “eyes” and in two pitches, “Joiner’s” and “Cabinet”.

Hollows have concave soles.

Rounds have convex soles

Side Rounds

Side Rounds were made in the same sizes as odd numbered hollows and rounds. The sole’s profile is on the right quarter bottom edge of the plane.

Side Snipes and Snipe Bills

Side Snipes and Snipe Bills were made in one size for entering “quirks” to clean up mouldings. In contrast to modern practice they were not used to start mouldings.

Side Bead Planes

Bead Planes were made in sizes graduated in eighths of an inch. They are used to “stick” quirk beads and are held upright.

Side Reed Planes

Reed Planes were made with double or multiple beads the same sizes as Side Bead Planes

Centre Bead and Reed Planes

Centre Bead and Centre Reed Planes were made without a fence.

Side Beads, Torus Beads, Centre Bead and Centre Reed Planes are always “boxed”.

Torus Bead Planes

Torus Bead Planes were made in the same sizes as Bead Planes but have a fillet opposite the quirk.

Ogee Planes

Ogee Planes were made in two profiles, *Grecian Ogee* or *Reverse Ogee*, in graduated sizes.

Ovolo Planes

Ovolo Planes were made in two profiles, square, *Common*, or oval, *Grecian*, in graduated sizes. The ovolo profile is a quarter of a circle or a quarter of an ellipse.

Measuring mouldings

A moulding size is defined as “*sticking on*” from the edge and “*sticking down*” from the face of the wood being planed with to profile.

Other Moulding Planes

Moulding planes were made for many “standard” mouldings such as, *Astragal, Cove, Covetta, Scotia, Cove and Astragal, Cove and Astragal Double Fillet, Bead and Cove, Covetta and Quirked Bead, Grecian Ovolo* and *Covetta and Quarter Round*.

Sash Planes

Sash Planes were made in sizes to suit the thicknesses of sash.

Sash Planes were sold in pairs. The ends of sash planes are stamped with four numbers. These are;

The *Sticking On* size

The *Sticking Down* size

Sash Thickness

1 or 2

The standard sash profiles are;

Astragal and Hollow Sash

Astragal and Quirk Hollow Sash

Astragal and Scotia

Sash Lamb Tongue

Sash Gothic Sash

Ogee Sash

Ovolo Sash

Rustic Sash

Sash Templates

Sash Planes were sold with pairs of *Sash Templates* for *scribing* the sash moulding.

Door Planes

Door Planes were made in two profiles; *Quarter Round* and *Ogee* and *Quarter Round*.

Door Planes were sold with pairs of *Scribing* Templates.

Complex Moulding Planes

Planes to cut large mouldings, such as *Grecian Ovolo and Bead*, were made with two irons.

Multiple irons simplify sharpening and make the planes easier to use.

Planes made to any drawing

Most moulding planes have a number on the end of the plane. For planes made by Mathieson these numbers can be checked in reprints of the 1899 catalogue. Planes without numbers may be “special order” and non-standard.

Using Moulding Planes

Fenced planes have a *spring line* marked on the front end. Always hold the plane at this angle.

Centre planes are used against a *fence* nailed on to the work piece.

Hollows and Rounds are used free hand. These planes may need to be started against a rebate or in a groove. Often a gauge line can be opened with a Rebate Plane or Shoulder Plane. Whenever possible plane a groove with a “*number one iron in the plough*”

Drawing the moulding and making a template is the best approach. The template is used to make the profile on both ends of the wood. Gauging the fillets and planing the rebates and grooves follows. The moulding is then planed with a combination of Hollows, Rounds, Side Snipes and Side Bills.

Moulding Plane myths

-Use a mallet to set these planes. A suitable hammer is the best tool.

-Only use straight grained timber. Skew eyed cabinet pitch planes are made for planing figured wood.

Reviews

Hand Worked Mouldings

Troy McDonald

Australian Wood Review 88

Anyone new to using old or new moulding planes will find this article a very good introduction to the complexities of these planes.

Rather than a giving a summary I encourage reading the article.

After reading the article read ***Moulding Planes*** in *NEWS* 145.

Moulding Planes will be included in the next TTTG Workshop;

Tuning and Using Planes **Sunday 11 October**

There will be a TTTG Workshop on ***Using Moulding Planes*** in 2016.

At these workshops Bob Crosbie will show how to;

- Get the plane body ready for use
- Select the right plane
- Sharpen the plane blade
- Fit the plane wedge
- Set the blade (with a hammer)
- Use fenced moulding planes
- Use Hollows and Rounds
- Set out "special" mouldings
- Use Ploughs and rebate planes
- Use Side Snipes and Side Bills

Choosing, Refurbishing & Using Moulding Planes *with Bill Anderson*

Popular Woodworking Magazine
Wood and Shop Productions

The Running Time of this DVD is 287 minutes. This alone indicates "there is a lot in this one".

The content covers;

- Moulding plane anatomy
- The types of moulding planes
- Beaders and Scratch Stocks
- Clean up planes
- Refurbishing a moulding plane
- Moulding layout out
- Planing an ovolo and an ogee

Some viewers will watch the DVD from beginning to end but I'm sure browsing and re-watching will also consolidate the understanding and confidence necessary to start using moulding planes.

Popular Woodworking often has "special deals" on books and DVDs so keeping an eye on their website can pay off. Regularly checking out the Popular Woodworking blogs is also worthwhile as there are many sound common sense suggestions.

Buying Moulding Planes

To find the market value go the Hans Brunners' Auctions results.

Reviews

The Secrets of Wheelwrighting

Wooden Hub Wheels and More

M. C. Hendrikson O.A.M.

Mike is a long-time member of TTTG and many readers will be aware of his achievements. This book will become the "authority" on wooden wheels. The content and depth of technical knowledge is comprehensive. Everything anyone needs to know about wooden wheels is in this book.

The subject is complex but Mike has succeeded in making the technicalities accessible. Anyone who has met Mike knows he "tells it as it is" and in this book he has retained his direct and sometimes colourful language.

The text is complemented by many excellent drawings.

Wooden Hub Wheels and More is currently being printed. When it is available, the details will be posted on the TTTG website.

More details in *NEWS* 146.

The Secrets of Wheelwrighting

Timber Bending

M. C. Hendrikson O.A.M.

Published in 2010 this is the definitive book on timber bending. Copies can be ordered directly from the author:

M. C. Hendrikson O.A.M.

8 Fox Close

Kariong

NSW 2250

Cost per copy with postage \$40

If you are interested in any method of wood bending you need this book and you should order a copy.

When you place your order ask Mike to reserve a copy of *Wooden Hub Wheels and More*

The Tool Chest

Issue 117 August 2015

The Titan Flagship Chisel

Some Australian Tool Makers

As usual this is a quality issue. Attention is drawn to the above.

Reviews in NEWS

The *NEWS* editor would like to publish more reviews of books and articles. However the editor has two problems; *lack of space and reviewers.*

More Reviews in NEWS

If the editor gets more reviews from members he will print more reviews.

Hand Tools Only?

No Way!

There seems to be a common myth that TTTG Inc. is only interested in old hand tools. Nothing could be further from reality.

TTTG is interested in all hand and machine tools, including power tools and machinery.

A recent donation to TTTG Inc. included some seriously heavy woodworking machinery.

The youngest machines were 1950/60s vintage, all made in Australia and top quality. All these relatively modern machines went to TTTG members in return for several days heavy lifting and providing transport.

In returning for "taking everything" the owner was more than happy to donate the entire contents of her father's old workshop to TTTG Inc.

One of the machines was older.

Broom and Wade

Twin Dowelling Machine

By 1910 Broom and Wade were thinking of giving up making woodworking machines. But the final decision seems to have been decided on a whim. HSB recalled, "The climax came when Mr Glenister bought a machine for £60 less 5% and when I asked for payment insisted on taking off another 5% for cash. I told him if he did I would not make any more chair machines. He insisted so I burnt all the drawings and patterns and went all out for air compressors."

The ***Twin Dowelling Machine*** looked old and had obviously been converted to run off an electric motor. Originally this machine would have run off line shafting. The gears driving the twin spindles ran in an oil bath.

The maker's brass said "quality". The first step was to do some research into Broom and Wade. The information above revealed the machine was made before 1910.

This machine was donated to the Tramways Museum at Loftus

TTTG Members and Friends Tool Swap and Social Day

6 December 2015

Where is it?

Brush Farm House Eastwood

How much to get in?

Only \$5

Can I sell?

Free table for members

Do I get a feed?

Light refreshments provided

When can I get in?

Doors Open 9.15am

Heritage Skills Day

Sunday 23 August 2015

Brush Farm House
19 Lawson Street Eastwood

This was a successful day with an encouraging attendance. The event will be repeated in 2016 and with some support from the media it will become a regular TTTG event.

Mike Ford from Australian Wood Review made a short video and photographs; these were on the AWR website the next day.

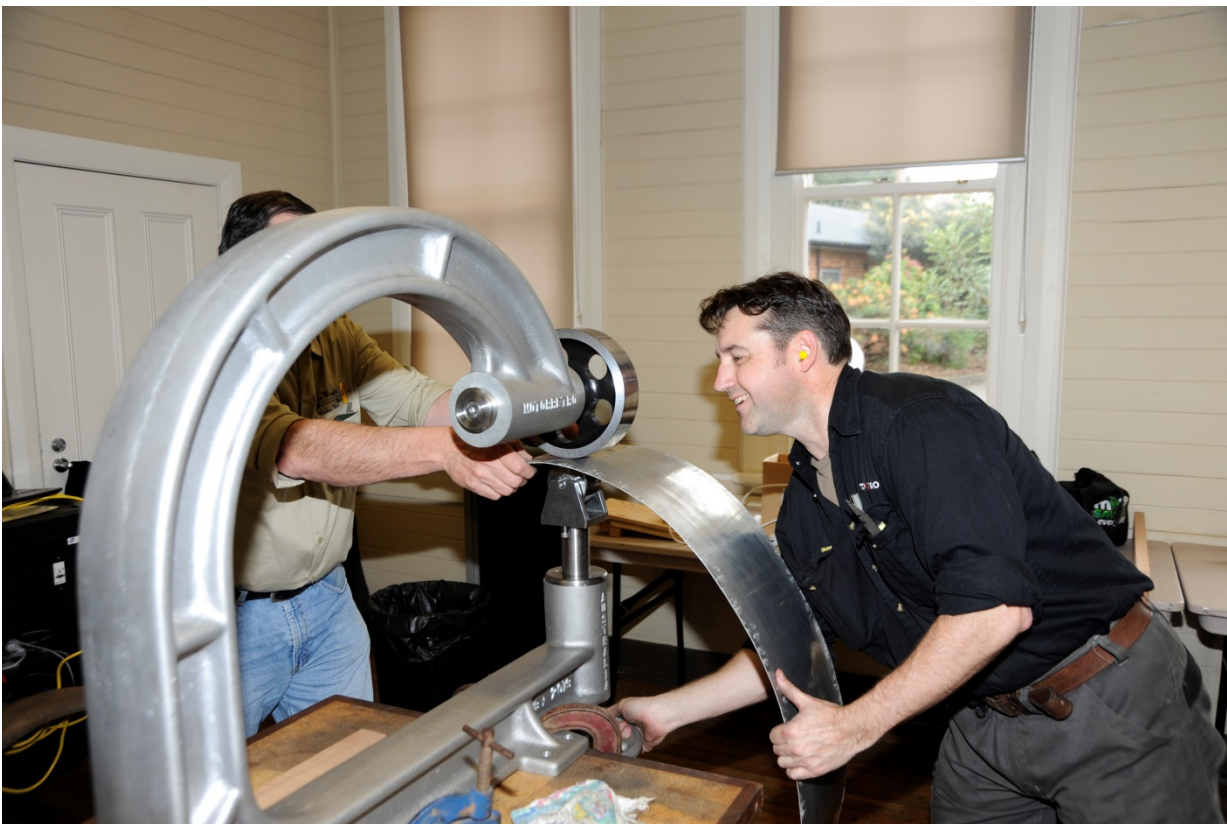
The Wheel Machine, Australian made, attracted a lot of attention. Combined with the Blacksmithing activities this machine helped to dispel the myth TTTG Inc. is only about wood and hand tools.



Volunteers Wanted for

Heritage Skills Day 2016

If this event is to achieve the full, potential of the concept TTTG needs;
Members to join a sub Committee to plan the 2016 Heritage Skills Day.
Members and others with heritage trade skills to demonstrate their skills.



Brett and Hugh operating the Wheeling Machine

Making a 1928 Triumph Motor Cycle Mud Guard



Above **At the Forge**

Below **Young and Old**





Strong Interest in Old Skills





Mike Ford

Australian Wood Review





The NEWS editor using a transitional plane at the Heritage Skills Day

When showing to the public many interesting comments are over-heard. One of the memorable ones was “*don’t those transitional planes chatter?*”

The observer left knowing how to sharpen and set up a transitional plane.

The essence of TTTG Inc. is ***saving old tools and teaching real skills.***

TTTG Inc. is interested in all trades and all skills.

Correspondence

Titan Bits *Geoff Emms M639*

In response to the question posed in the article on Titan Brace Bits on page 34 of News 144 I would say "*yes of course I do.*"

As a collector of braces and all brace tools, brace bits are an important component of that collection. I categorise "brace tool" as meaning any tool with the square tapered tang that can be chucked in a two jaw brace.

I'm always on the lookout for different styles of bits, how to sharpen them and how they perform in cross grain and end grain boring in various Australian woods. Surprisingly I haven't found that many Titans in comparison to the Ridgeways, and other British brands. Hardwood Scotch pattern far outnumber other styles of brace bits.

I was recently given a McPhersons' catalogue (date illegible), the Titan Brace Bits article solved that mystery because there on page 566 was the Auger bits listing.

To me, the most interesting aspect of brace bits in this catalogue is on page 567, the Centre bits. These are my favourite bits and probably the oldest type pre-dating spiral auger bits and still offered for sale as recently as 1966.

I've have boxes of bits, de-rusted, oiled and waiting for me to get the

time to categorise them by style and manufacturer.

I find *NEWS* a most informative and interesting read and after attending the 2013 tool sale at the Brickpit Stadium I can put faces to some of the names of fellow TTTG members and contributors.

Keep up the good work.

I live in WA, where I am also a member of the HTPSWA. The TTTG sale we attended was in 2014 not 2013 as I stated, we were on our way to NZ and organised our trip to coincide with the sale and also to catch up with friends who live there.

But we don't need much of an excuse to get on a plane so perhaps we should organise a trip as I would like to visit Brush Farm House. There's plenty of notice of up-coming workshops in *NEWS* so it would be quite simple for us to organise ourselves.

My long term plan for my bits is to sort them into categories of Type: spoon, shell, twist, auger, centre etc. Within the category of Twist Auger type: Scotch, Jennings or Irwin patterns, etc. then listed by manufacturer and within that whether they were made by or for a hardware outlet. Where does it end? The categorising could then separate them into lead screw pitch. Finally, how best to display them...so no wonder on most days I can easily find something more important to do.

Hans Brunner

Tool Auction Sale 28

18 October 2015

This is a no reserve absentee bidding sale.

The estimates are a guideline only.

Send in your bids anytime.

Deadline is 12.00 noon on the auction day.

The highest offer wins. If identical bids are received on the same item, the first one in is the winner with one increment added to clear the bid. Hans will invoice the buyer on the day after the sale.

Postage and handling is extra.

Hans accepts instructions for multiple bids, maximum bids or bids on alternative lots.

The condition of the lots is rated from P (poor) Fr (fair) G (good) G+ (very good) to F (fine).

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The online auction catalogue is available as a reduced size PDF

What's in the Auction?

Anyone interested in *Mathieson* should download this auction PDF.

The range of *Mathieson* wooden planes to be auctioned is exceptional.

A comprehensive selection of Mathieson Fillisters, Ploughs and Moulders.

The *Mathieson* wood planes range from the common to the very rare. All the price estimates are realistic and a true indication of current value.

The auction includes many superb infilled planes and metal planes. The selection of saws, chisels and other tools is also impressive.

Correction Brian Read TATHS UK

While reviewing News 144 I realised that the illustration on page 28 is not from the 1899 Military Artificer's handbook but from the 1938 UK Government "Specification for Wooden Planes".

Rare Tools Workshop

Despite the low attendance this was an enjoyable workshop both for presenter and participants.

The workshop was an excuse to use some rare tools and to see if they lived up to their reputations. These tools were sought after by generations of woodworkers. This is the “image” of rare tools from decades of advertising.

A few of the rare tools passed the “hands on” test with flying colours.

There were no surprises, Disston saws are superb, a Preston made shoulder plane is a joy to use and Berg chisels do hold a superb edge. But the results from some of the rare and expensive tools were not as impressive. To keep this to one page this report will be about two rare Stanley tools:

9 Plane

#51/52 Shute Board and Plane

Both these rare tools sell for large amounts and have sustained their reputation and value for decades. Modern versions of both tools are currently in production and sell.

Hot Dogs and Weak Frogs

Both Stanley #9 and #52 planes have two components adding to the tools value on the old tools market. The hand grip for the #9, the hot dog, is often missing and the #52 plane’s frog is usually missing or broken.

Stanley # 9 Plane

This plane is part of the TTTG Tool Collection, early, complete and in very good condition. The blade used for the test was a Stanley Works, not as old as the Rule and Level original blade which wasn’t used (to prolong the blade’s life). After honing the blade, the first observation was “this is a time consuming plane to set up and adjust”. The plane was tested on end grain and along curly grain. The surface finish was good. Next the plane was used on the #52 Shooting Board. The “hot dog” was comfortable but the plane proved a bit light in use for this application.

#51/52 Shute Board and Plane

The #51 cast iron board is a superb tool but the #52 plane leaves a lot to be desired. The handle is awkward to use. The skewed mouth makes a clean cut but some of the cutting force is transferred back into the frog. The extent of the vibration can be felt in the user’s hand. This is the cause of most frogs and handles on this plane having cracks or breaks. A significant design fault!

For this test a Stanley #6 plane was also tried out on the #52 Shooting Board. This plane produced better results provided the user’s thumb was on the back of the frog.

If you have a #51 Shute Board you should consider buying a Veritas Shooting Plane!

Rust Removal from Tools

Rust can be removed by

Abrasion, Electrolysis and Chemical Reaction

Each method has advantages and disadvantages related to the object being de-rusted.

For this discussion the emphasis is on tools and related objects.

What is rust?

In simple terms rust is iron oxide on the surface of the tool. Rusting is a continuous process. After rust has been removed the surface should be protected against rusting.

Preventing Rust

A tool will rust if the tool is exposed to moisture. There are many brands of “rust preventative”. Light machine oil is adequate but commercial “oils” are convenient. Inox is very good while WD40 is a poor rust preventative.

G15 is the best rust preventative.

Oils and rust preventatives are not rust removers however they can be used with abrasives to remove rust.

There is no one “best way” to remove rust from tools. Always select the method that will do the least damage to the original surface of the tool. This may not be the easiest, fastest or cheapest method.

Abrasion

Light surface rust on a polished tool surface is best removed by using a fine grade metal cutting abrasive cloth wrapped around a flat wooden block and lubricated with warm and soapy water or light machine oil. Saws should only be de-rusted by using an abrasive in this manner.

Never use sandblasting.

Heavier rust can be removed by dry abrasion with a coarse aluminum oxide abrasive. For removing rust from plane bodies this method gives quick rust removal and flatness.

Abrasive sanding blocks are good for initial rust removal and last well.

Electrolysis

Using this method is a substitute for religion with some tool enthusiasts. Provided you have the space for the equipment. So saying, electrolysis is an efficient and safe method of rust removal.

Do not use Electrolysis to de-rust saws and springs as the tension in the steel will be compromised.

Chemical Reaction

Acid will dissolve rust. All acids are corrosive and hazardous so it is wise to limit the choice to weak acids. The two “mild” acids suitable for rust removal are Vinegar and Citric.

Using Acids

TTTG Powder Citric Acid and liquid Cleaning Vinegar are safe acids.

Never soak tools to be de-rusted in the acid for prolonged periods. *Any long acting acids, such as in molasses, risk letting the process go too far.*

Always wash and dry the tool after removal from the acid and wipe with light oil or spray with G15.

Always wear rubber gloves and appropriate personal protective equipment when using acids.

Before immersing a tool in acid give it a good cleaning to remove grease or paint splashes.

Lightly scraping the surface rust from heavily rusted tools will accelerate the process.

Suitable Containers

Plastic buckets and large plastic kitchen storage boxes are ideal as are old “Tupper ware” trays.

The first place to look for a good “acid bath” is on the next Council Clean Up or “garage Sale”.

A second plastic bucket for the hot water to clean the tools as they come out of the acid is convenient.

How long in the acid?

The answer is “as long as it takes”. Check the progress of the rust removal after an hour. The ability to decide “how much longer” comes with a little experience.

Cleaning the Tools

The acid converts the rust and the dissolved oxide needs to be “wiped” off the surface of the tool. Green kitchen scouring pads are ideal for wiping off the sludge. Setting up a bucket of hot soapy water to clean the tools is worth the effort.

Check and clean the tools

Always check the progress of the process after an hour and then decide when to clean and dry the tools. Usually twenty four hours is enough time to de-rust any tool.

Hot or Cold?

Cleaning Acid is used cold. Citric Acid can be used hot.

A hot solution speeds up the initial reaction and makes it easier to judge how the reaction in the acid is progressing.

Vinegar versus Citric Acid

Both are effective rust removers but Citric Acid can give faster results if used as a hot solution.

Acids remove rust not pits

If rust has eaten into the surface of the tool the original surface is gone. All the acid can do is remove rust. The acid will remove more surface metal if the tool is left for too long in acid.

The surface after cleaning

Light abrasive will “finish” the tool.

Tool Memories Bob Crosbie

Preston Spokeshave



For a comprehensive guide to Preston spokeshaves visit

www.preston-tool-reviews.co.uk

The editor has two spokeshaves made by Preston. One spokeshave was inherited, the other cost \$10.

\$10 and a stressful meeting.

One Sunday a few years ago I was on the TTTG table at Linnwood. The Open Days at Linnwood are always enjoyable and the only reason I miss these days is a clash with a TTTG workshop or event.

On this Sunday we were about to pack up when I was approached by woman asking if TTTG Inc. might be interested in buying old tools. As usual I gave the inquirer a contact phone number. TTTG will sell old tools but only after we are certain the seller accepts TTTG's terms.

Phone call and visit

A few days later I received a phone call and arranged to have a look at the tools she wanted to sell.

An Old Ute

My son had just finished getting his first 1960's Holden Ute on the road and he offered to come along. The Ute was "rough".

The Tools

We eventually found the house, all the houses in the street were semi derelict and there were vehicles to rival my son's beat up utility. The woman didn't live in the house and the heavy steel front fly door was secured with a chain and big padlock. When the three of us were inside she relocked the door. Being chained in a junk filled house in semi darkness put us on the alert.

There were a few interesting tools and some old books. It was soon obvious she wanted cash quickly.

I explained how TTTG could sell the tools on consignment for a fee but could not offer a valuation. By now I was going through the paces and thinking about the padlock.

This is when I noticed the Preston and offered \$10. As we drove away we both said "*lucky to get out*"

Organic Tallow Tool Lube

One Hundred Percent Pure

Followers of rarewoods.us (also known as Travis Knapp) on Instagram, will be aware of the inexpensive tool lubrication solution he is selling, namely mutton tallow in a tube. For just US \$5, you get the convenience of keeping your hands clean while rubbing greasy tallow on your hand plane or saw blade to cut down on friction for easier work.

Tallow doesn't interfere with glue adhesion or finishes, is slicker than paraffin, and doesn't wear off as quickly as paraffin or beeswax. Travis claims there's no odour.

To order, go to Travis Knapp eBay store or send US \$5 via paypal to rarewoodsus@gmail.com

But First Try G15

Whether tallow was used on the past to lubricate tools is debatable. Traditionally raw linseed oil was used to lubricate the soles of both wooden and steel bodied planes. Strips of felt were rolled tightly inside a round tobacco tin and the felt was charged with linseed oil. Any round tin about 75mm in diameter is suitable for an oil pad. **Linseed oil congeals and a better lubricant is lanoline based G15.**


For several years the writer has replaced the tobacco tin with a turned wooden felt lined oil pad. The felt gets a spray of G15 and is used to lubricate planes and saws. G15 will not stain wood if used in moderation and has the advantage of not congealing and smelling. Being a rust inhibitor as well as a lubricant makes G15 the ideal "oil" for charging oil pads.

Jim Davey sells G15.



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Looking for tools?

**Members and Friends
Tool Swap and Social Day**

When? Sunday 6 December 2015

Where? Brush Farm House Eastwood

and remember to put in your diary

The Sydney Tool Sale

Sunday 28 Feb 2016

The Brickpit Sports Stadium
1A Dartford Road Thornleigh

Open 9am Close 1pm

Entry \$5