

# NEWS 151

**TOWA'S MINI-PLANER**  
FOR SUNDAY CARPENTER & SPECIALIST.



A photograph showing a man in a red and white sweater using a blue mini-planer on a wooden beam. A woman in a yellow apron and blue headscarf stands behind him, holding a young child in a red shirt. The scene is set outdoors, possibly at a construction site. A small square icon is visible in the top left corner of the photo. The TOWA logo is in the bottom left, and 'MODEL NO. L-100' is in the bottom right of the photo.

**TOWA** MODEL NO. L-100

**TOWA ELECTRIC IND. CO., LTD.**

**February 2016**

**ISSN 2206-1606**

**TTTG**

**[www.tttg.org.au](http://www.tttg.org.au)**

## **NEWS**

Each issue of *NEWS* will be mailed to financial members during the 3rd week of;

MAY                      AUGUST  
NOVEMBER              FEBRUARY

### ***To get NEWS by email***

*NEWS* can be sent by email.

Send your email address to the TTTG Secretary, John Bates.

[johnbates@tttg.org.au](mailto:johnbates@tttg.org.au)

### ***Electronic Newsletter***

The TTTG electronic newsletter is put on the TTTG website and emailed to all financial members in the week immediately before each TTTG General Meeting.

### ***NEWS on paper or online?***

*NEWS* is produced to as high a standard as TTTG can afford. The reality is the cost of printing a copy of *NEWS* for every member exceeds the revenue generated from membership fees.

## **TTTG Membership Rules**

The MEMBERSHIP YEAR starts on 1 July and ends on the following 30 June.

The MEMBERSHIP FEE is determined by the Committee and from 1 July 2016 the fee is \$50.

The MEMBERSHIP FEE is due to be paid on July 1 each year and must be paid on or before August 15.

A Member may choose to pay the Membership Fee one (1) year in advance, but only from 1 January in the current Membership Year and only for one (1) year.

A Member who has NOT paid their Membership Fee by August 15 becomes an UN-FINANCIAL MEMBER from that date and will cease to receive the *NEWS* magazine or the bi-monthly Newsletter. Access to the Members' area of the TTTG website will also cease.

A NEW MEMBER joining between July 1 and March 31 the following year is a full Member for the remainder of that Membership Year only.

A New Member joining between April and June 30 does not become a full Member until the following Membership Year and must pay the Membership Fee applicable to that Membership Year.

John Bates, Bob Crosbie, April 2016

## NEWS 151

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### TTTG Fees 2016/17

<b>Membership</b>	<b>\$50</b>
<b>Workshops</b>	<b>\$40</b>
<b>Tool Sales</b>	<b>\$5</b>
<b>Meetings</b>	<b>\$5</b>

### **More Volunteers Needed**

*To help with NEWS*

*To help at workshops*

*To help at events*

**Why not get more involved?**

## **Member's Meetings**

### ***Australian Made Planes***

**Tuesday 13 December 2016**  
**National Trust Centre**  
**Observatory Hill, Sydney**

The presentation and discussion was focused on two questions;

*What planes were made locally?*  
*How were these planes marketed?*

The conclusions were;  
*More research is necessary to show why planes were made locally and how these planes were promoted.*

### ***Sign-In and Raffle***

The new procedures to “sign in” and the use of “clip on” name tags allow the Secretary to conduct a successful Door Prize raffle.

### ***Set Price Sales and Auction***

The sale of “set price” tools was encouraging and the auction cleared all lots at good prices.

### ***Alternate venues to continue***

Attendance at both TTTG venues remains strong but the net profit from meetings at Brush Farm House exceeds that from meetings at The National Trust Centre.

The majority of the Tool Collection, Library and trading stock is stored at Brush Farm House. This venue also allows for onsite catering.

*Attendance at Brush Farm House meetings will to continue to grow.*

### ***1960s' Power Tools***

**Tuesday 14 February 2017**  
**Brush Farm House (Forster Hall)**  
**19 Lawson Street, Eastwood**

The 1960s were the “take off” years for portable electric power tools.

1960s Power Tools from the TTTG Tool Collection will illustrate the discussion of the “new” power tools transforming the manufacturing and building trades in this period.

The emphasis will be on:  
Drills, Planes, Saws and Routers.

### ***At all TTTG Meetings***

#### ***Tools and Books are for sale***

*“Ironmongery” for sale at set prices*  
*Bargain items in \$1 and \$2 jars*  
*Publications from Lifeline & TTTG*  
*and*

#### ***The Auction***

*Many tools under the hammer*  
Minimum bid is \$2

### ***Next Workshops***

#### ***Sharpening:***

*Hand Saws*                      ***March 5***

#### ***Sharpening:***

*Chisels, Planes*                      ***March 26***

***Using Planes:***                      ***May 7***

*Brush Farm House, Eastwood*  
*Enrol “on the day” and pay \$50*

## **2017 TTTG Workshops**

Forster Hall  
Brush Farm House  
19 Lawson Street Eastwood

Workshops start at 9.15am and finish by 3.30pm. Refreshments are provided but “bring lunch”.

**Workshop Fee           \$50**

**Enrol online**

[www.macquarie.nsw.edu.au](http://www.macquarie.nsw.edu.au)

OR

**Enrol and pay on the day**

### **#Fine Woodworking Skills**

**Bob Crosbie**

**Sunday 12 February**

This workshop an introduction to the tools and hand skills required to produce joinery and furniture.

Both beginning and experienced woodworkers will benefit from attending this workshop.

### **#Sharpening:**

**Hand Saws**

**John Daniel**

**Sunday March 5**

This workshop covers sharpening all woodworking hand saws.

You begin the day by finding out if your saw is worth sharpening and end the day with a sharp saw.

Sharpening equipment is provided. File files are available at \$5 each Saw-sets at \$15 and \$30 each. Old saws at \$5 to \$25.

### **#Sharpening:**

**Chisels and Planes**

**Jim Davey**

**Sunday March 26**

This workshop covers sharpening woodworking edge tools, starting with chisels and plane blades.

Jim will introduce the basics of sharpening and then demonstrate how to grind and hone edge tools.

*You will spend most of the day sharpening your own tools.*

Sharpening equipment is provided. Jim will have tools and sharpening equipment available for you to buy. TTTG will be selling some old tools.

### **#Using Plane:**

**Jim Davey**

**Sunday May 7**

This workshop covers the care and use of woodworking hand planes.

Jim will introduce the essentials of plane care and use and show how to get optimum performance from a tuned and sharp plane.

Sharpening equipment is provided. Jim will have tools and sharpening equipment available for you to buy. TTTG will be selling some old tools.

***At Workshops Remember to:***

***\*Wear sensible and safe shoes***

***\*Bring one of your problem tools***

## ***Just a Sec***

John Bates TTTG Secretary

As I write work is well underway in preparation for the TTTG Sydney Tool Sale on Sunday 26 February 2017. This year looks like being even better than last year as table bookings are running hot and new sellers are coming on board.

Tables are still available so if you are interested in booking a table just go to [www.tttg.org.au](http://www.tttg.org.au) or email me and I will send the booking form. Hire fee is \$50 per table.

The 2017 Tool Sale venue is:  
The Brickpit Sports Stadium,  
1A Dartford Road Thornleigh.

The Tool Sale starts at 9.00 am and closes at 1.00pm.

There is plenty of free on-site parking and a well-stocked snack bar. Entry fee is \$5. See you there!

Remember the February 2017 TTTG Members' Meeting will be held in Forster Hall, Brush Farm House 19 Lawson Street Eastwood on Tuesday 14 February 2017 commencing at 7.30pm. The usual Auction will again be conducted by TTTG President 'Honest Bob' Crosbie and feature craftsman-made machinist tools and other quality tools at bargain prices.

Membership continues to grow; which has to be a good sign that TTTG is offering the right mix of content, events and activities.

More Americans are now reading our web pages and, based on feedback we have received, they like what they see.

Our 2016 Members and Friends Tool Swap & Sale was the biggest and best yet; an outstanding success for buyers and sellers. Nevertheless, the Management Committee wants to hear member views and ideas about our current and future activities.

Our Management Committee meets at Brush Farm House on the second Tuesday of January, March, May, July, September and November. 6.30pm start.

You can help TTTG by promoting the benefits of membership and by attending our Member's Meeting as well as regular events such as the annual Members and Friends Tool Swap & Sale and the annual TTTG Sydney Tool Sale.

### **President's Report & Editor's Report**

The President endorses John's comments and observations.

The TTTG Committee for 2016/17 is on page 34.

The full versions of my reports are on page 38.

### **2017 Sydney Tool Sale**

To find out what to expect at this year's sale turn to page 34.

## Correspondence

### NEWS 150

#### Time Capsule, Xylographier

Hugh McKid emailed John Daniel

*Congratulations John for a fabulous article! I'm in total agreement with the Editor's Comment on this. JD's is the first article I turn to as soon as I get TTTG News (the second is the President's (sorry editor's) ramblings! For what it's worth I'd be happy to pay an additional fee (to the annual TTTG fees) to receive the printed TTTG News – perhaps that's an option – there's nothing like thumbing through back copies!*

In a second email Hugh reflected;

*We've overlooked the most important point being that Oliver Molineaux passed away 51 years ago, (this month) probably thinking that no-one will ever remember him and admire his tools and skilled work, and you (and TTTG) have suddenly introduced him and his work to probably a 1,000 people plus many, many more via the TTTG website and thus immortality. He would never have considered this happening 50 odd years later and I would imagine, as a tradesman, he would be very pleased. As the Editor said – this is important work!*

## TTTG CITRIC ACID

Food grade

Sold in an easy to store plastic jar

**\$5 a jar**

Lowest price for a small quantity  
Approximately 600 grams per jar

### **Use TTTG Citric Acid to:**

Remove Rust    Clean Stainless Steel

Sharpen Files and Rasps

### **How do I use it?**

Fill a plastic container with hot water

Add a couple of soup spoons per litre

Add the rusty object

After a couple of hours remove, wash in soapy water and dry  
Leave rasps, files and “heavily rusted objects” to soak overnight.

## **Email from America**

Mr. Bates,

*I just stumbled on to TTTG website and read what the group is all about. THANK YOU and your group for what you are doing. If there is an organization in the U.S. doing the same, I certainly am not aware of it.*

*My dad was a wood pattern maker in a sand foundry. He had a tremendous number of great tools used in his trade (hand chisels, gouges (inside and outside) router plane, hand planes, etc. Unfortunately, whenever he died I wasn't old enough to understand the value of what he had nor how some of the tools could be used so my mother sold them to a distant cousin that was in the trade. My son and I are trying to chase some of the down now just to see if we can.*

*Regardless, my son and I are collecting and restoring old tools now to actually use. He and I both have grown to love the "old" tools for their simplicity and especially their lack of noise in getting a job done.*

*My best wishes to the group! If I ever make it to Australia, I will try to coordinate it with one of your events.*

Eddie Houston  
Columbus, MS 30703

Hello Eddie,

*Thank you for making contact and telling me a little of your story.*

*We at TTTG are all committed to the conservation of traditional tools as well as the knowledge and skills that bring them to life.*

*If you and your son ever need some information or advice, please feel free to contact our Group; we may be able to help.*

*I have attached the latest copy of our NEWS magazine. Hope you like it. Have a wonderful Christmas and New Year.*

John Bates TTTG Secretary

John,

*You may do so, after all you did send me a free issue of your newsletter and THANK YOU! I really enjoyed reading it. Even if you had not done so I would still agree to allow you to publish the email I sent earlier.*

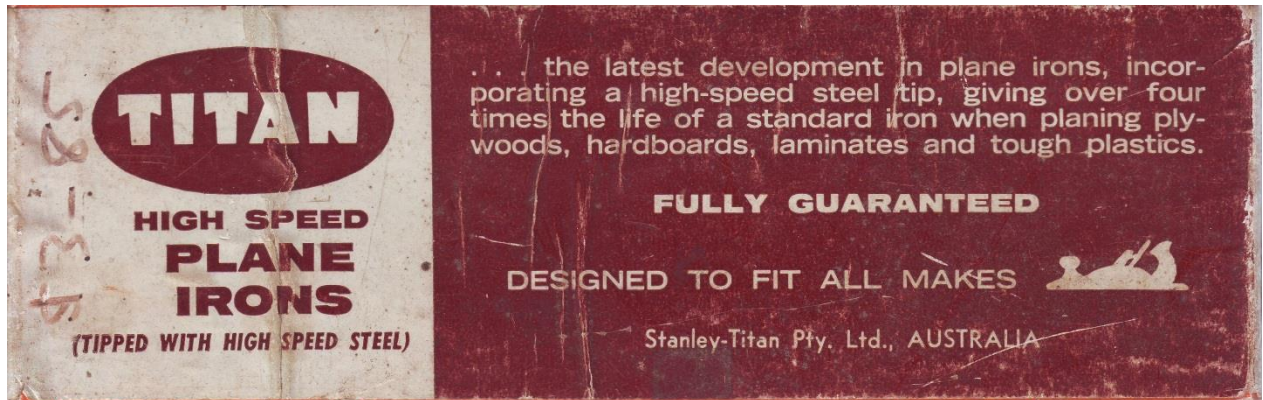
*If for some reason someone other than you or Bob would like to contact me, they may use an alternate email as follows:  
houstone@hotmail.com*

*I try to keep my office email strictly business related to the company. I was searching for something we needed for the plant whenever I stumbled onto TTTG website and just had to send you guys a quick email.*

Eddie Houston

# TITAN

## High Speed Plane Irons



Above: Top of box originally containing three TITAN blades

Below: Two sides of card wrapper inside box.



One blade remains in the box. The blade is marked TITAN.

## **Selling Titan/Stanley**

The theme of the last meeting was ***Australian Made Planes.***

During the audience discussion two questions emerged namely;

#Were Australian made tools merely copies of imported tools?  
#How did Australian tool makers sell their products?

While discussing the first question the agreement reached was that most Australian made planes were copies of UK and USA planes but there was some innovation shown in the processes and materials used in making these local planes.

The obvious examples are Turner's use of Die Cast frogs and plastic handles. The less obvious example is Titan's HSS Plane Blades.

Titan doesn't seem to have made planes before the Titan name was acquired by Stanley. For a while Titan/Stanley planes were sold and then Stanley Australia planes.

Australian HSS plane blades were made by John Shaw Sydney and Titan Hobart. When Titan ceased to exist, HSS were made and sold by Stanley Australia.

The HSS Stanley-Titan Plane Blade in the original packaging, in the TTTG Tool Collection is an example of innovative marketing.

### ***Stanley or Titan marketing?***

Another example of local marketing is the guarantee tag tied to new Turner planes.

## ***Titan before Stanley***

In response to post World War Two demand Titan made an extensive range of chisels in Hobart.

Titan chisels were based on the standard UK and USA chisels but there was some modification to meet local requirements. Titan advertisements focused on the wood used for the chisel handles and the chisel's blades being "made from BHP steel".

The author has one Stanley UK HSS tipped plane blade but there is little evidence of Stanley making and selling HSS tipped plane blades in the UK or USA. Stanley acquired Titan in the early 1960s and probably continued to produce a range HSS tipped plane blades in Australian because of the demand created by Titan.

### ***The HSS Stanley-Titan Plane Blade in the original packaging***

This is an excellent example of effective selling. In the 1960s the box pressed all the right buttons,

*.....the latest development in plane irons, incorporating a high-speed tip, giving over four times the life of a standard iron when planing ply-woods, hardwoods laminates and tough plastics.*

When each blade was taken out of the box the shaped protective cover reinforced the sales pitch. Innovative tool making and selling.

## **Power Tools**

### ***1960s Australia***

Australia in the 1960s was still recovering from World War Two. The manufacturing industries were growing and demand for housing was strong. During the 1950s consumer goods, including hand tools, were in short supply.

By the early 1960's the demand for housing was being partially met by the emergence of the home builder and the demand for tools by local manufacturers; Titan, Dawn, Pope Carter and Turner. Locally made and imported Power Tools were now available and affordable.

### ***1960s Attitudes***

A teenager in the 1960s the author was given consistent advice about what tools to buy and not to buy.

The rules were;

#Don't buy Japanese

#Buy only Disston Saws

#Buy Stanley or Record Planes

#Buy Titan and Berg Chisels

Rule one made it hard as there were some tempting Japanese Power Tools to compare to some boring looking local power tools.

### ***What was in the shops?***

Black and Decker made in the UK, USA and Victoria, Sher, Skill, Wolf, Stanley and Toya made in Japan.

## ***The Portable Circ. Saw***

The author's father had a Sher portable Circ. Saw and in those days, you learnt by having a go. Anyone who could use one of these saws could survive any power tool. The B&D portable Circ. Saw was the other preferred machine. Later the Japanese made Makita became the preferred portable Circ. Saw. The author has both saws and for some unknown reason still uses an old 1960s B&D. Nostalgia?

## ***The Router***

In the 1960s three routers set the future direction of routers.

These were:

Black and Decker

Toya

Elu

Toya operated from 1966 to 1970 and then was absorbed Ryobi.

Toya routers are the basis of the Makita router still in production.

Black and Decker router were the best buy in the 1960s- mid 1970s. Elu didn't make much of a local impact to the early 1980s.

## ***The Electric Drill***

Both Sher and Black and Decker sold large volumes of drills and accessories in the 1960s. Even the light ¼" Drills came with extensive attachments. The ½" Drills were powerful beasts. Probably the ½" Black and Decker Hammer Drill offered the greatest work capacity. *There were other power tools!*

## Black & Decker Routers



The *NEWS* Editor has three vintage 1960s B&D Routers. Two routers are in the original metal box with the information sheet in the lid.

The Editor isn't a collector and these routers are used regularly.

### ***Why this router?***

The Editor has used other routers. The B&D offers,

- # Vernier height adjustment
- # Positive height locking
- # Ergonomic holding
- # Circular base
- # Router bits are easy to change
- # The Router sits flat upside down
- # All three were inexpensive

**Black & Decker**  
**ROUTER KIT** CAT. NO. H.D.17/3  
the complete woodworking tool

- \* Accuracy in joinery and cabinet work.
- \* Performs, beading, grooving, routing, fluting, cove cutting, dovetailing.
- \* Excellent for inlaywork, decorating edging, and many types of carving and wood finishing.

Part No. 962374

SPECIALLY DESIGNED **Black & Decker** ROUTER BITS AND CUTTERS TO DO EVERY TYPE OF JOB!

# Towa Power Planer



## TOWA'S MINI-PLANER

FOR SUNDAY CARPENTER & SPECIALIST.

### DE LUXE FEATURES

- Double-Insulated
- Ease to change and adjust cutter blade
- Ease of handle.
- Multi-purpose planer
- Soundless operation.

### SPECIFICATIONS

Motor.....220V or 240V  
 single phase 50/60 Cs.Ac.  
 (other voltages available)  
 Ampere.....3A  
 Input.....600 Watt.  
 Revolution.....15,000 r.p.m.  
 Max. depth of planing.....1 mm.  
 Cutter Blade, width.....92 mm.  
 Net Weight.....2.5 kgs (5.5 lbs)



### CHAMFERING & EDGE PLANING

This Planer has a precision machined groove in the middle of the front shoe. The purpose of this groove is to plane the edge of your work.



### RABBETING

Rabbeting is used in cabinet making, for shelves, drawers, corners, and doors. Rabbeting width, 9mm. depth 5-4mm. available.



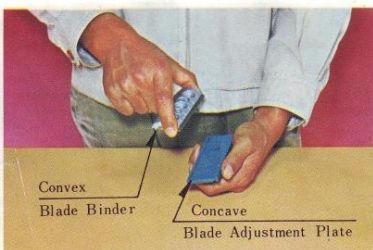
### PLANING

Max. 92mm wide planing is available.

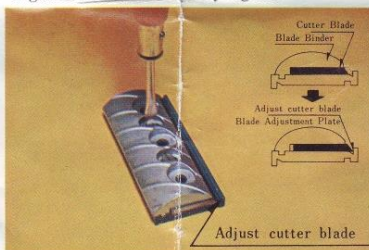


### ● EASE TO CHANGE AND ADJUST CUTTER BLADES ●

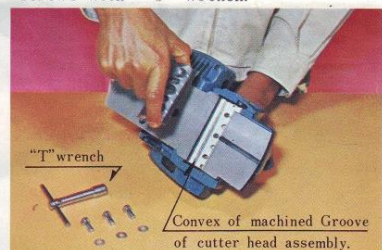
① Put convex portion of blade binder together with cutter blade on blade adjustment plate.



② Loosen screws for cutter blade, and adjust blade until the tip of blade touches wall of blade adjustment plate. Tighten screws securely again.



③ Put Blade Binder with cutter blade on the cutter head assembly, fitting convex of blade binder and machined groove of cutter head assembly. And automatically you can adjust cutter blade. The blades should be set to be level in its entire length with stationary rear shoe. Finally tighten hard hex. head screws with "T" wrench.

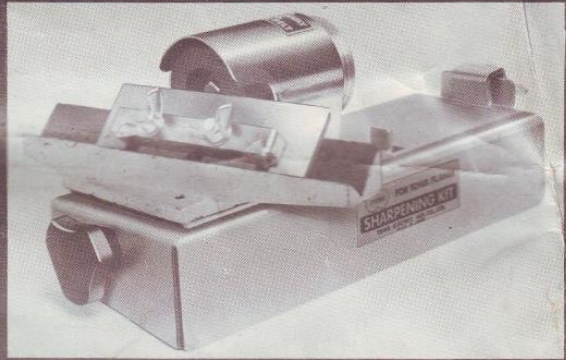
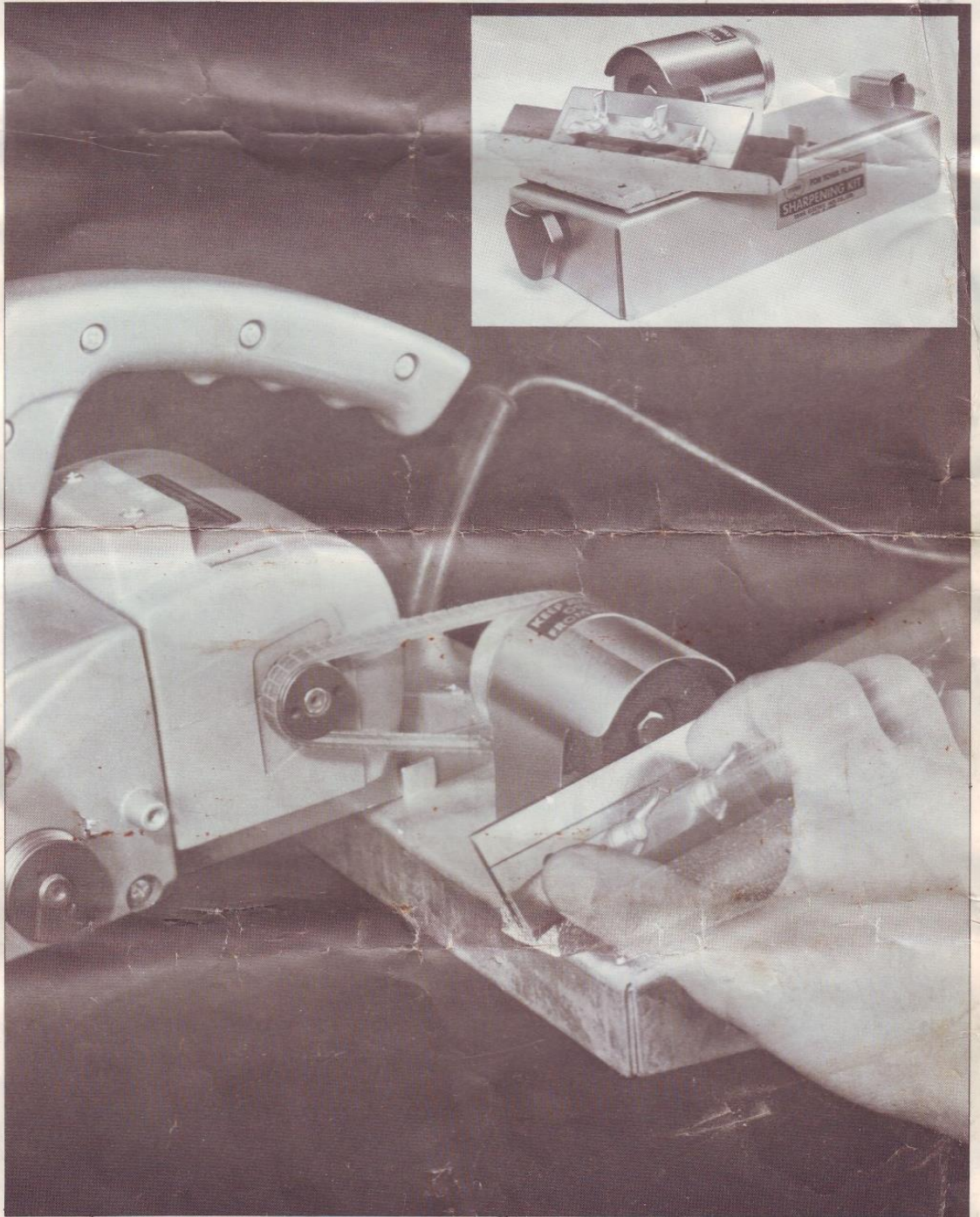


# Sharpening Kit



# TOWA'S SHARPENING KIT

OPERATING GUIDE MODEL L-100G



**TOWA ELECTRIC IND. CO., LTD.**

NAGOYA, JAPAN.

## **Towa Routers**

The *NEWS* Editor has two Toya Electric Routers. The first one came “incomplete and unused” from a High School Store room. This router is now mounted in a home-made router table and used mainly to flush trim Laminex glued to machining master templates.

The second Toya router is complete in the original metal box and was purchased from the widow of a shop fitter who purchased the router new. The router came with the owner’s home-made router table and some ingenious jigs.

## **Burnished Edges**

**The next, and a familiar example, is in the *steel scraper* used by the cabinet makers, to smoothen the surface of hard wood, after the toothed plane, previous to varnishing or polishing of it. When the edge of this hardened and tempered flat piece of sheet steel becomes dull, it is renovated by placing it upright, and whetting it upon the oil-stone; it is then whetted upon each side, to remove the burs; and, lastly, *burnished upon the face of it, towards each side, so as to throw the edges outwards.* It is held in a sloping direction in use, exactly as a piece of broken window-glass is held, when used as a shave, for which, however, it is an admirable substitute, as it performs its work in a similar, though much more perfect manner:**

*Franklins Journal and American Mechanics’ Magazine*  
*Philadelphia 1826*

The extract above is contemporary evidence for the use of the toothing plane to remove torn grain from surfaces before scraping.

*The complete Toya router will be given to the TTTG Tool Collection.*

Toya was absorbed by the Ryobi Corporation in 1970. The Toya Router and Toya Electric Plane were the proto-types of the Makita Router and Makita Planer.

## ***Towa Power Tools in the TTTG Tool Collection***

2 Toya Planers

1 Toya Router (in metal box)

Toya Planer and Router leaflets and Toya instruction manuals

The extract also demonstrates an understanding of how burnishing the edge of a scraper produces an efficient cutting edge.

*NEWS* will reprint other extracts from *Franklins Journal and American Mechanics’ Magazine*.

## **Skilsaw**

Based on the entry in Wikipedia

### ***The first Skilsaw***

The worm-drive portable circular saw was invented in 1923 by Edmond Michel. In 1924 Michel formed a partnership with Joseph Sullivan, and together they started the Michel Electric Handsaw Company, with the sole purpose of manufacturing and marketing the saw invented by Michel.

In the early 1920s, Edmond Michel, a French immigrant in New Orleans with a penchant for tinkering and inventing, watched a group of farmers hack away at sugar cane with large machetes. After observing the painstaking labour the workers went through, Michel began experimenting with how to mechanize the Machete. In 1923, Michel created a motorized machete, which had a 6-in. saw-blade mounted on carved wooden frame and powered with a motor taken from malted milk mixer.

After reading about Michel's new invention, Joseph Sullivan, a Minneapolis land developer, set out to find the New Orleans inventor. After deciding to go into business together, Michel and Sullivan moved to Chicago and opened the Michel Electric Handsaw Co. in 1924.

Six production models were made at \$1000 each. Michel went to the new Atlantic City's Million Dollar

Boardwalk to demonstrate the new tools, where the first portable electric "Skilsaw" was purchased for \$160 by the Piers' developer.

In 1926, the Skil brand name was born after Michel left the company to pursue other ventures, and Sullivan changed the company name to Skilsaw, Inc.

After the Great Depression, Skil continued making improvements to its saw. During the 1930s, Skil released the Model E Skilsaw, the first generation saw with a worm drive. In 1937, Edward Sterba perfected the Model E and built the first Model 77 with a 7 ¼" blade, considered the "workhorse on building sites."

During World War II, Skil developed the PS-12 circular saw for military applications by mounting an air-driven Thor motor on a 12" worm-driven saw for use in several types of construction. Manufactured in camouflage colours, with saw blade painted black and the body a greenish colour, the saw worked just about everywhere, including underwater to cut piles or timbers. The Navy had Skil put this tool into a special camouflage box coated and sealed with plastic. When they were unable to get into a landing area, the unit would be dumped overboard and floated or drug in for use on aircraft landing areas.

After the end of World War II, Skil began expanding into international markets by opening a distribution and service centre in Toronto, CA in 1946. After selling directly to customers for 25 years, Skil entered the wholesale business and began distributing its products through distributors.

In the 1950s, the company changed its name to the Skil Corporation. Skilsaw remained the brand name used for the company's products. European sales followed a few years later, by which time Skil had entered the consumer market.

Skil's European factory was built in 1961 in the Dutch town of Breda, followed soon after by an electric motor plant at Eindhoven, Netherlands. After successfully entering the European market, by the end of 1961 Skil had opened additional offices in Switzerland, the Netherlands, France, Belgium, Denmark and Germany.

From the 1970s onwards, Skil constructed a network of factories, service centres and sales offices all around the world, its name becoming synonymous with power tools. Skil still has its European head office in Breda.

## **Selling Tools**

TTTG will sell tools for a 20% consignment fee.

A Committee member will appraise the tools and offer advice.

*TTTG will only sell tools when the owner accepts our terms.*

Tools may be sold at TTTG Meetings, by treaty or at Auction.

## **Tools Wanted List**

TTTG can reserve tools for members.

The tool you are looking for will be added to the Wanted List.

When the tool is available you will be asked to make an offer.

If you don't want to make an offer a price will be nominated.

**Contact** TTTG Secretary, John Bates [johnbates@tttg.org.au](mailto:johnbates@tttg.org.au)

## Power in the home

**NEW B&D U-40 Deluxe Jig Saw** with Cycloid cutting action for swerve-free control. Unique tilting shoe. Includes rip fence, circle cutting attachment, 4 blades. B&D Jig Saws from \$29.95.

**NEW B&D U-66 Deluxe Finishing Sander**, with 50% more sanding area. B&D Dustless Attachment attaches to vacuum cleaner for true dustless sanding — \$8.50. B&D Sanders from \$29.95.

**NEW B&D Power Driver and Saw Attachment Combination.** A real power package for men who love to build—at a special price. B&D 5½" Circular Saw attaches easily for precision cutting. Power Driver operates other B&D Attachments. Both \$36.95. Save \$7.95!

**NEW B&D 7¼" Utility Saw.** Built-in B&D durability. Glides through wood as smoothly as a boat over water. Extra capacity, dust ejector, many other features. B&D Saws from \$49.95.

**man gifts from**  
**Black & Decker®**  
 WORLD'S LARGEST MAKER  
 OF POWER TOOLS

**NEW B&D GOLDEN DRILL FIXKIT**—handsomest, handiest power tool kit of all. Famous B&D ¼" Drill in gleaming gold. A *real* beauty—packed with power! Does hundreds of jobs quickly, easily and inexpensively. 27 PIECES: B&D Golden Drill, 5 Bits, Polishing Pad, Backing Pad, 12 Sanding Discs, Wire Wheel Brush, Grinding Wheel, Wheel Arbor, Cotton Buff, Horizontal Stand, Paint Mixer in smart, steel case. \$5.00 OFF REGULAR \$29.95 VALUE!

1960 Advertisement

### Black & Decker 'FixKits' for Christmas

The quarter inch electric Golden Drill 27-piece 'Fixkit' promised unlimited labour saving power to take the hard work out of drilling, grinding, polishing, paint mixing and sanding. Virtually everything needed for home jobs could be contained in one box.

**Black & Decker**  
***Jig Saw attachment for***  
***Electric Drill 1960?***



**Attachments for Electric Drills**

1960s electric drills were made with half, three eighth and half inch chucks.

*There was lots of scope for attachments from saws to paint stirrers.*

## JD's

John Daniel

At times when collecting, it's not unusual to bring a tool home, put it on a shelf and forget why one brought it home in the first place as it becomes just a part of a display and loses its *Identity*.

Well, this did happen with the subject of this story, a Shoulder plane made by John HOLLAND, London. I was showing a friend a few old planes the other day and the plane in question, when held in the hand, I took a fresh look at it and was reminded of the day I'd acquired the plane.

The maker of this unique plane, John HOLLAND, was working in London at 68 Oakley Street Lambeth, then later at 93 York Road Lambeth from 1861 to 1892. John HOLLAND was a neighbour of the well documented plane maker Thomas NORRIS in York Road. NORRIS was the only manufacturer of traditional English planes to develop an adjusting mechanism and his fame was based on this improvement.<sup>1</sup>



The enlarged top photo shows the HOLLAND stamp. The second photo above illustrates the added width to the sole of the plane exaggerated by the filing of the vertical front corners of the body and identifies the maker in spite of what looks like a deliberate attempt to remove the HOLLAND mark, or perhaps remove the previous owner's name, one can only speculate.

### HOLLAND, John

68 Oakley St., Lambeth

93 York Rd., Lambeth

Toolmaker and dealer. Maker of good quality metal shoulder (and other) planes, some marked only "HOLLAND", others including "OAKLEY ST". A neighbour of T. Norris in York Rd.

### LONDON

1861 - 1878

1878 - 1892





The body of the plane is 1 3/4" wide flared out at the sole an additional 1/32", with the front vertical edges of the body filed to exaggerate the taper, now if this isn't unique, it does set this plane apart.

I hadn't given the maker John HOLLAND much thought, actually my plane is the only one that I'd come across, so after seeing this plane with fresh eyes, I thought I'd better do a little research.

I found information on this maker is a little scant. I was familiar with HOLLOND & HOLLAND of London, who were, and still are makers of top quality guns and rifles. Maybe the late nineteenth century Plane maker, H. C. HOLLAND with a factory at 25 Falcon Road Clapham Junction London was a relation. However more research needed; must get back the plane in hand.

**References:**

1. British Planemakers from 1700  
W. L. Goodman 3rd Edition  
pages 284 and 363





### **Why unique?**

You may ask, at first glance it just looks like any other Shoulder plane of the period, it is infilled with quality Rosewood, not uncommon, the wood at the toe and front of the plane has been badly scored making it difficult to read the maker's name and the wedge has a bit of hammer damage; well take a close look. The plane is close to standard length of 8", this one 7 ¾" long. The accompanying photos give an overall impression of the quality of the plane, also the high standard set by the factory; competition with the factory next door may well have been a factor in achieving this high level of quality control.

### ***How many planes did this factory turn out?***

Who knows, though they seem to turn up in the United Kingdom reasonably frequently judging by overseas antique tool outlets which indicate that John HOLLAND had a wide range of stock, not just Shoulder planes, also Rebate planes, Smoothing planes, Chariot planes and others.

### ***Hackney Tools Photos***

The photos used for the following discussion were downloaded from HACKNEY TOOLS and Antique Metal Planes & Infills at "The Best Things" (in the UK), many thanks to Garry Cook for allowing me to use these in this article.

### **Chariot planes**

In reference to chariot planes Garry, on his site Hackney Tools, <http://hackneytools.com/2013/02/john-holland-planemaker/> has one there very similar to one made by NORRIS sitting on a felt pouch similar to one supplied by NORRIS, which begs the question; *Did HOLLAND have a close tie with his neighbour?*



### **Gunmetal Shoulder Plane**

Notice the variation of the punch used to strike the name on the blade of my plane and the gunmetal Shoulder plane on Garry's site, maybe indicating that they were made at different addresses and in different time slots.



John HOLLAND obviously was a maker of a wide variety of infill planes, and a lot is known about him, perhaps he may have only supplied a London market, however as time passes, no doubt, more information about the man and his enterprise will surface.



**Do you have a HOLLAND and HOLLAND Plane?**

Send your photos or additional information to JD

**Manufactories and  
Mechanical Arts 1825**



The Operative Mechanic 1825, edited by John Nicholson, documents the technological innovations transforming the British Isles in the 1820s.

Each issue of *NEWS* includes extracts from The Operative Mechanic and other publications reporting the latest inventions and innovations.

*Many early technology publications are now available on the internet.*

Other early technology publications have not been digitalised.

## Joinery

Joinery is the next branch of art which comes under our consideration, and comprises the practice of employing wood in the external and internal finishing of houses.

In the execution of this branch of building, it is almost unnecessary to observe that, as joinery is employed principally by way of decoration, and is liable to close inspection, it is one of the departments which demands the strictest care and attention in the workmen and it requires the greatest ingenuity, skill, and experience, to become fully master of every subject under the joiner's consideration.

The first and most important thing to be attended to is the judicious selection of materials; as, without a strict observance of this particular, the care, ingenuity, and exertions of the workman will be wholly frustrated.

As the temperature of the atmosphere has a great influence on wood, and more particularly in the winter season, it would be advisable to put wood to be used in fine work over an oven for a day or two. In the different descriptions of joint used by the joiner, a hot tenacious liquid, called glue, is almost universally used, and when applied, the two surfaces of the wood, which have been previously rendered smooth, are rubbed together until the glue is nearly all forced out. One piece is then set to its situation with respect to the other.

For outside work, such as gates, doors, etc. white-lead is used in all the joints.

When a frame, consisting of several pieces, is required, the mortises and tenons are fitted together, and the joints cut all at one time, then entered to their places, and forced together by the assistance of an instrument called a cramp.

The operation of rendering a rough surface smooth, by taking away the superfluous wood, is called planing and the tools used for this purpose are called planes.

### **Joiner's Tools**

**The planes used by joiners** in the primary operation of their work are called Jack-planes, Trying-planes, Long planes, and Smoothing-planes; the respective uses of which are:

The **jack-plane** is used for taking away the rough occasioned by the saw, and removing all superfluous and other uneven parts.

**The trying-plane** more particularly to bring the surface perfectly level and true.

**The long plane** succeeds, when the surface is long, and is if required to be very straight, as in jointing long boards for the purpose of gluing them together.

**The smoothing** plane is used to smooth and clean off the work.

In addition to the above, termed bench-planes, others are occasionally used in forming any kind of prismatic surface, viz. rebating-planes, grooving-planes, moulding-planes, &c; under which head is included the fillister and plough.

**Rebating-planes** are used for cutting out rebates, a kind of half groove, upon the edge of a board, or other piece of wood, formed by taking down or reducing a small part of the breadth of the board to half, more or less, of the general thickness. By this means, if a rebate be cut on the upper side of one board, and the lower side of another, the two may be made to overlap each other, without making them any thicker at the joint.

Rebates are also used for ornamenting mouldings, and for many other purposes in joiners' work. The planes for cutting them are of different kinds, some having the entire edge at the side of the iron and stock; others at the bottom edge of the iron and the face of the stock; and others cutting in both these directions. The former is used to smooth the side of a rebate, and therefore are called side rebating-planes; the others for smoothing the bottom.

A third sort of rebate-planes, called a **fillister**, is used for sinking or cutting away the edge of a piece of wood, to form the rebate, leaving it for the others to smooth the surface when cut.

The **moving fillister** is a rebating plane having a ruler of wood, called the fence, fixed by screws, upon its face, in the direction of its length, and exactly parallel to the edge of the face; consequently, it covers part of the width of the cutting edge, and can be fixed at any required distance from the edge, to leave more or less of the cutting edge exposed, which will be the breadth of the rebate it will cut, because, when used, the edge of the fence is applied against the edge of the piece to be rebated, and thus

gauges the breadth its iron should cut away. The cutting-iron of this plane is not situated at right angles to the length of the stock, but has an obliquity of about forty-five degrees; the exposed side of the iron being more forward than the one next to the fence. By this obliquity, the plane has a tendency or drift to run further into the breadth of the wood, but as the fence sliding against the edge prevents this, the drift always keeps the fence in contact with the piece without the attention of the workman: it also causes the iron to cut the bottom of the rebate smoother, particularly in a transverse direction to the fibres, or where the wood is cross-grained, or where the edge is perpendicular to the sides of the plane. It is chiefly used, however, to throw the shaving into a cylindrical form, and thereby make it issue from one side of the plane. Besides this iron, there is another of smaller dimensions, called the tooth, which precedes the other, to scratch or cut a deep crack in the width of the rebate, thus making the shaving, which the iron cuts up from the bottom, separate sideways from the rest of the wood.

The **sash fillister** differs in many particulars from the moving fillister: the fence is adapted to be moved to a considerable distance not being fixed, as in the moving fillister, by screws upon the face, but sustained by two bars, fixed fast to it, passing through the two vertical sides of the stock at right angles to the sides: these bars, when set to their intended places, are tightened by small wedges. This kind of plane is usually employed to rebate narrow pieces of wood, such as are used in sashes; and the fence is applied against the opposite edge to

that on which the rebate is to be formed.

The **plough** is a plane with a very narrow face, made of iron fixed beneath a wooden stock, and projecting down from the wood of the stock; the edge of the cutting-iron being the full width of the groove required: it is guided by a fence with bars like the sash-fillister, and has also a stop to regulate the depth intended for the grooves.

**Molding-planes** are those which have their faces and cutting edges curved, to produce all the varieties of ornamental mouldings: they are known by the names of **snipe bills**, **side snipe's-bills**, **beads**, **hollows**, **rounds**, **ovolos**, and **ogees**. Of these there are a great variety of sizes, with which every god joiner is furnished. The sole of these planes have their faces straight in the direction of their length; but a section across the face the impression or reverse of the moulding they are intended to make.

The Operative Mechanic 1825, edited by John Nicholson, contains detailed descriptions of the latest technology in Britain in the first half of the 1820s.

More extracts in

### **NEWS 152**

Cylindric Holes, Chisels, Saws, Squares, Bevels and Gauges, Side Hook, Mitre Box, Straight Edge, Winding Sticks.

### **NEWS 153**

*From what has been here said of the application of & principal tools used by the joiner, we consider any entire account of the primary processes unnecessary; we shall therefore, proceed to lay before the reader the best method in use of effecting some of the more difficult and particular operations.*

# Jim Davey



## PLANES

FULLY FETTLER (TUNED) AND SHARP  
STANLEY BAILEY, BEDROCK & BLOCK PLANES  
FETTLING SERVICE, REPAIRS, WELDING

CREDIT CARD FACILITIES:



VISA



### **Jim Davey**

Ph 02 4447 8822(W) 4447 8790(AH) PO Box 967 Nowra NSW 2541  
JDAVEY@bigpond.com [www.jimdavey-planes-sharpening.com](http://www.jimdavey-planes-sharpening.com)

## ***Factory Life***

Nineteenth century popular magazines contain a vast archive of contemporary illustrations of industrial scenes.

The ***Penny Magazine*** was one publication eagerly read by the literate masses.

## ***Cutting the thread or worm of screws***

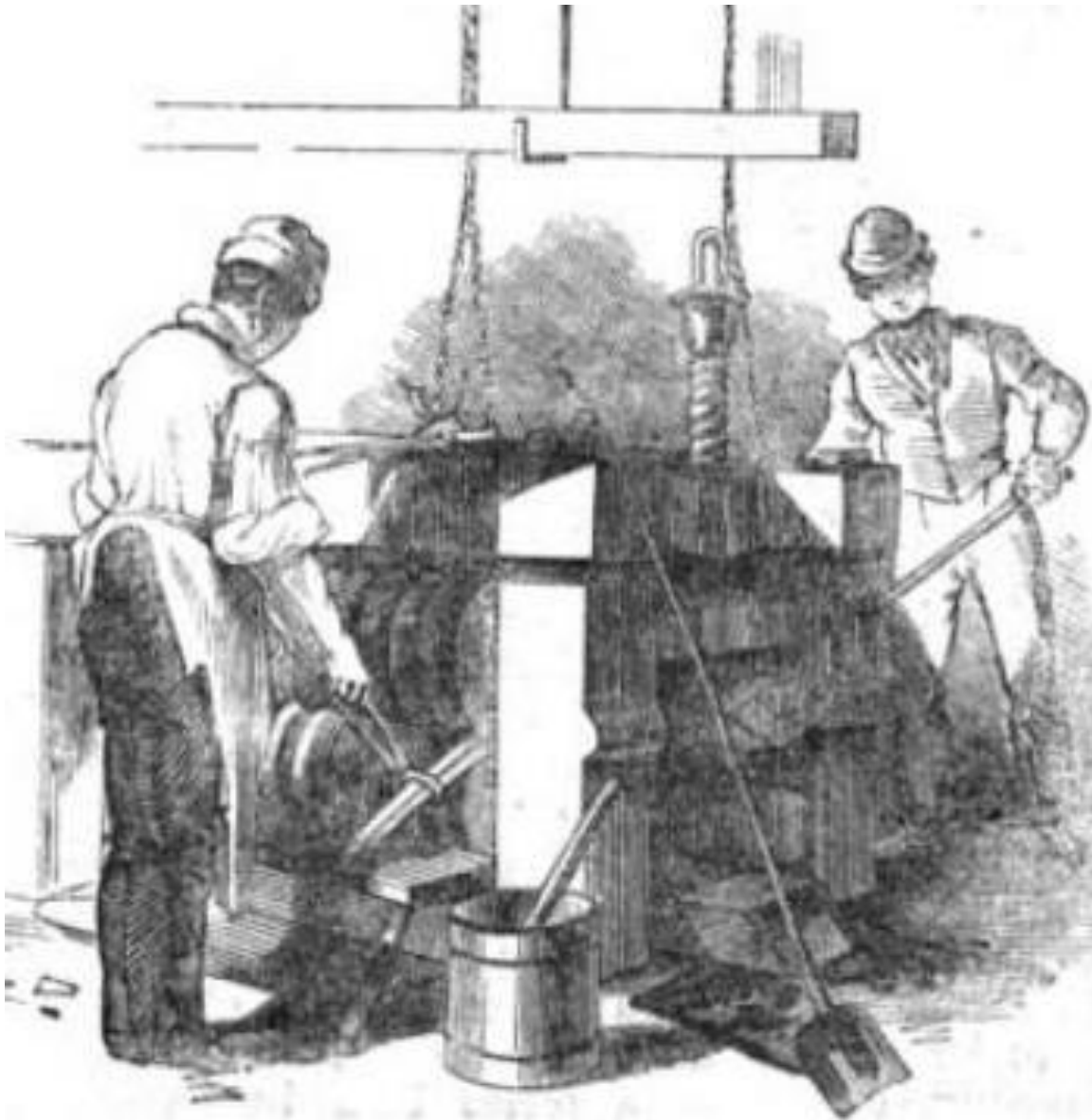
TTTG will publish extracts from the ***Penny Magazine*** in *NEWS* under the heading

## **Factory Life Britain 1844**



***A Day At  
Butterley Iron-Works  
Derbyshire***

**Rolling Bar-Iron  
*Penny Magazine.***



***NEWS: The Front Pages***

The Committee intends printing a compilation of front pages.  
*Any colour illustrations will be printed in full colour.*

Readers are encouraged to comment.

Sweden 1850

*Carpenter's Tools*



# ENGINEER<sup>THE</sup> AND MACHINIST

And Engineering and Scientific Review.

No. IX.

NOVEMBER, 1850.

Price 1s.

The tools employed by the joiner and builder (*timmerman*) are of the most simple kind, and are frequently handled with a considerable degree of rude skill. A few remarks on their form and use may be here submitted. The axe appears to be the favourite implement in the hands of the artizan, and is his constant companion, being used for a variety of purposes, which would, perhaps, excite the ridicule of the English carpenter: it fells the tree, it squares the log, it shaves the plank, it cuts the mortice and the tenon; it is used in skilled hands in lieu of the adze, the saw, the plane, the chisel, and the hammer. Its shape is shown in



the accompanying drawing, being much more wedge-like, heavier, and apparently clumsier than its English counterpart: it is, however, better adapted to its purpose than its first appearance would lead us to suppose, and is generally used with a great deal of precision. It is worthy of notice that the adze is entirely unknown, except in ship yards, where its value has to some extent become appreciated.

The plane used by the "timberman" is extremely



rude and unwieldy, having a single plane iron and four handles, so as to be worked by two men facing each other, the one pushing and the other drawing.



The smoothing plane has a species of horn at one end, which in use is firmly held by the left hand of the work-

man, though in what manner it assists him it is hard to conceive. A similar curiosity attaches to the hand hammer in common use, namely in its having one of its nail-extracting prongs prolonged

to an unusual length. The use of this appendage, the uninitiated would find it difficult to guess, and would probably solve the mystery by the supposition that



both prongs had formerly been the same length, and that one had been broken off short. This, however, is not the case, the fact being, that this projection is made to discharge the office of a gimlet. It is struck with some dexterity into the timber at the part fixed upon for the insertion of the nail, the point being rounded off, so as to crush the fibre of the wood without splitting it.

The hand-frame saw employed by the Swedes being similar to that used in England for cutting curved work, it is unnecessary to describe. The pit or large frame saw seldom comes into requisition, as a saw mill may be seen on almost every stream. These are the most simple and primitive machines which it is possible to conceive. They consist merely of a vertical spindle, with a horizontal wheel with vanes at the bottom, and a crown wheel driving a trundle (all of wood) at the top: the trundle is fixed on a horizontal cranked shaft, which works the frame. This contains generally but one blade, which is of wrought-iron, and not unfrequently a quarter of an inch thick. This rude apparatus is erected "any how" on any convenient stream, the main requisite being attended to, viz., that the water is directed in such a manner that the vanes may catch its impulse. Over all is erected a rude kind of shed. Mill stones are, for the most part, driven in the same manner, but may often be seen worked directly by the vertical spindle, without the intervention of any toothed gear whatever.

R. H.

## Keep the cash or buy one? *Mixing Mate*

**Lee Valley & Veritas®**

**INTRO OFFER**  
Mixing Mate™  
**Mixing Mate™**

- Seals quart and gallon cans
- Mixes paint/finish quickly and thoroughly
- Easy and tidy to pour
- Reduces spills and waste

**Quart \$12.50** Save \$5.45  
**Gallon \$17.50** Save \$7.45



### **Mixing TTTG Citric Acid**

The good news is you don't need a *Mixing Mate* to mix citric acid.

In fact you don't even need a stick.

Some Washing Machine Powders come with a free scoop. These are the perfect size for adding citric acid powder to a litre of hot water. Adding a few drops of washing up liquid with a dash of metho is the way advocated by connoisseurs.

The Editor was feeling a bit cynical so he asked the Secretary whether the days of the mixing stick are really numbered. John replied,

*I think the 'umble stick will survive ..... but the 'marketeers' (bunch of sticks) who think up such rubbish must surely have a use by date when the businesses that fund them finally twig (young stick) to what is going on. Does anyone consider this to be progress?*

### **The TTTG Library**

TTTG has an extensive collection of old technical books and magazines. The Library is growing rapidly due both to donations and prudent buying.

### **Lifeline**

Lifeline sells old technical books and magazines at all the TTTG Meetings. Any books of special interest are offered to TTTG at very reasonable prices.

### **Surplus Books**

TTTG sells surplus technical books and magazines at the TTTG Meetings.

### **Donations**

TTTG accepts donations of old technical books and magazines.

## **Baker, Richard Thomas**

1 December 1854 - 14 July 1941  
Born Woolwich, England

### ***Economic botanist***

[www.anbg.gov.au/biography/baker.r.t.html](http://www.anbg.gov.au/biography/baker.r.t.html)

R T Baker arrived in Australia in 1879, and in 1880 joined the staff of Newington College, Sydney, as science and art master. In 1888 he obtained an appointment at the Sydney Technological Museum, and in 1898 became curator and economic botanist. Baker, who retired from the Museum in 1921, was lecturer in forestry at Sydney University between 1913 and 1924. He was a member of the Royal and Linnean Societies of New South Wales, in whose journals he published more than 100 papers, which include descriptions of many new species of eucalypts.

### **R T Baker's publications include:**

- \*A Research on the Eucalypts, especially in regard to their Essential Oils (1902), with H. G. Smith
- \*A Research on the Pines of Australia (1910), with H. G. Smith
- \*Woodfibres of Some Australian Timbers (1924), with H. G. Smith
- \*Building and Ornamental Stones of New South Wales (1908)
- \*Cabinet Timbers of Australia (1913)
- \*The Australian Flora in Applied Art - Part 1, the Waratah (1915)
- \*Building and Ornamental Stones of Australia (1915)
- \*Hardwoods of Australia and their Economics (1919).

R T Baker was awarded the Mueller Medal by the Australasian Association for the Advancement of Science (1921), and the Clarke Medal of the Royal Society of New South Wales (1922).

## **Sydney Tool Sale**

**Sunday 26 Feb 2017**

Brickpit Sports Stadium, 1A Dartford Road, Thornleigh

*Entry \$5*

9am to 1pm

### ***What has changed?***

Numbered Tickets

Tickets on sale from 8.30am


Sellers continue to sell until 1pm

Door prize drawn at 12.45pm. You must be at the draw to claim the prize.

**The 2017 Sydney Tool Sale prize is PEC Combination Square Set**

## On the Web

[www.grandpaslittlefarm.com](http://www.grandpaslittlefarm.com)



**Grandpa's Little Farm**  
Purebred Nubian Dairy Goats,  
Reconditioned and Custom Hand Made  
Woodworking Tools  
in Tacoma, Washington

The combination of Nubian Dairy Goats and woodworking tools and a Tacoma location combine to give this website above average appeal.

Grandpa restores and sells old woodworking tools, he also makes boxes for “classic tools” such as the Stanley #59 Dowel Jig.

### TTTG 2016/17 Committee

President    Bob CROSBIE  
Secretary   John BATES  
Henry BLACK  
Hugh JOHNSON  
Andrew O’CONNOR  
Peter TIERNEY

### Been Browsing?

We all click onto likely looking websites. Some promising sites turn out to have little substance, some are great.

***Let other TTTG members know what you have found.***

When you find an interesting website why not send an email to the editor? You could even consider writing a review of the website for *NEWS*.

***Do you have a favourite Website?***

A few words in *NEWS* may help other members looking for information.

***Do you have a “what a load of crap” Website?***

A few words in *NEWS* may warn other members of a “laugh only” website.

## **Stanley 5 <sup>1</sup>/<sub>2</sub> Jack plane**

Patrick Leach

Patrick's Blood and Gore

1898-1958

15" Long

2 <sup>1</sup>/<sub>4</sub>" Blade 1898-1939

2 <sup>3</sup>/<sub>8</sub>" Blade 1939-1958

*A wider and heavier jack plane for rougher work. These make good planes for preparing broad areas such as truing panels.*

*Be careful when searching for replacement irons for these planes. Take note of the change in the iron's width. The older planes have to have an old iron made prior to the change in width; you'll have to use an original, if you need a replacement, as this width of iron is unique to this plane.*

Hans Brunner

Stanley Planes by Numbers

1898 - 1962

*15" long with a 2 <sup>3</sup>/<sub>8</sub>" cutter.*

*There is an early version with a 2 <sup>1</sup>/<sub>4</sub>" cutter. That model requires a frog and lever cap for the smaller blade, usually marked 5 <sup>1</sup>/<sub>2</sub>.*

*This is a heavy jack plane with a wide cutter. Like the 4 <sup>1</sup>/<sub>2</sub> this size must have been very popular down under. The jack size still is. I think a lot of wood shop teachers recommend it to their students.*

## **TTTG's Stanley 5 <sup>1</sup>/<sub>2</sub>**

***STC and Broad Arrow***

This plane came with a batch of "for sale on" consignment tools. Condition was "surface rust and dirty". The seller's father had been a TAFE teacher. The handle was in good condition and rosewood.

When the plane was stripped down the following emerged;

# The plane is the early 2<sup>1</sup>/<sub>4</sub>" size.

# The handle is original, marked STC (Sydney Technical College).

# The front knob is a replacement.

# The blade is a replacement. It is a Carter 2<sup>1</sup>/<sub>2</sub>" ground to almost fit.

# Cap iron and lever are original.

# A Broad Arrow has been filed into the top surface of the toe.

It is likely this plane was in one of the teaching workshops at Sydney Technical College from the 1930s maybe to the 1990s.

The planes' metal components were given a brush down and then immersed in a "not too strong" hot citric acid solution for about two hours. After washing in hot soapy water the planes' metal parts were dried and sprayed with G15.

***Restoring TTTG's Stanley 5 <sup>1</sup>/<sub>2</sub>***

The plane will be tuned at the next Jim Davey Planes workshop. The search is on for an original SW 2<sup>1</sup>/<sub>4</sub>" blade and a rosewood knob.

## Hand Stamp Spacing Guide

### Lee Valley Tools



Since the invention of movable type centuries ago, one thing that hasn't changed is our appreciation of well-constructed printed text.

Designed for use with Lee Valley's 2mm, 3mm and 5mm letter (our item# 92W68.25) and number stamps, this guide helps you mark wood or metal with clear, evenly spaced characters. Accurately machined slots in the guide hold the stamp perpendicular to the work, ensuring it contacts the surface squarely. To help you set characters along a straight baseline and an equal distance apart, the guide comes with a 6" stainless-steel rule, which is marked in four spacing increments so you can select the most suitable text spacing.



To leave your hands free to position the ruler and guide on your work, an embedded rare-earth magnet holds the ruler square to a reference edge machined on the underside of the guide, while a magnet in each slot holds the stamp firmly in the slot without restricting its downward movement when struck with a mallet.

A simple yet highly effective means to achieve a tidy, professional look.

**Lee Valley Tools** came up with some pretty neat products but sometimes it has to be asked; ***“do we really need this?”***

Sometimes the answer is obvious but not in this case. For anyone who only occasionally stamps by hand, probably the answer is no, but the device does have a use.

## **Magazines and Journals**

### ***Reviews in NEWS***

The *NEWS* Editor doesn't attempt to review all publications that may interest *NEWS* readers.

Other groups do attempting to do so often publish brief summaries rather than considered reviews. Often these reviews trivialise the content and are judgemental.

The *NEWS* Editor prefers to use the space in *NEWS* to publish well written comprehensive reviews.

To be able to publish such reviews the *NEWS* Editor needs to receive reviews from TTTG members.

### ***Recent publications***

#### **The Tool Chest**

Issue 122 November 2016

Dick Lynch's account of Writing and Publishing "Collecting Titan Chisels", pages 17-21 should give some readers the inspiration to put pen to paper and share knowledge.

TTTG members should consider joining HTPAA. Cost is \$60pa.

## **Tools and Trades History Society Newsletter 135**

Winter 2016

Trevor Semmens' George Brentnail is a brief biography motivated by a number of planes purchased by Trevor in 1982. With the planes came a family history.

One article requires comment, Better Tool Grinding page 10 advocates spraying tools with plumber's pipe freezer to avoid overheating while grinding. The author tells the reader to wear gloves to avoid frost bite while grinding. *Wearing gloves while grinding is dangerous.* To avoid burning edge tools the reader should learn how to grind tools!

#### **Popular Woodworking**

November 2016 #228

*This magazine continues to be the best woodworking periodical.*

Why I adore my Machines by Chris Schwarz is a breath of fresh air for readers bombarded by the "must only use" arguments from both the traditional hand tool and the new is best power tool sellers.

### ***Submissions Wanted***

The *NEWS* Editor cannot write every article.

The *NEWS* Editor encourages readers to submit draft articles or reviews.

The *NEWS* Editor's job is to get the article ready for publication.

Don't worry about style or format. Get some words down and sent a draft.

## **Furniture & Cabinetmaking**

Issue 250 November 2016

### ***In Profile: Bill Carter***

Pages 36-40



This article is worth reading, both for the facts and the photos.

After reading the article go to;  
[www.billcarterwoodworkingplanemaker.co.uk](http://www.billcarterwoodworkingplanemaker.co.uk)

### ***Curing bench plane addiction***

Pages 42-45

This article is an above average attempt to rationally analysis what bench planes are really needed by serious woodworkers.

### ***Outlined-dovetail tote***

Pages 64-68

This article shows how to make this “current cult” joint.

## **Editor’s Report**

The *NEWS* editor has a complaint; he needs to receive more material from TTTG members. Everyone has something to contribute so why not give it a go?

On a positive note; more members are opting to get *NEWS* by email. Members receiving *NEWS* by email does significantly reduce costs.

## **President’s Report**

TTTG starts 2017 with a healthy bank balance and the workshops and meetings for the first quarter of the year organised.

The big event is the Tool Sale. By the beginning of January half of the available tables had been booked and paid.

We start 2017 with a Meeting at Brush Farm House. The second 2017 meeting in April will be at the National Trust Centre in Sydney at Observatory Hill. Attendance at the alternative venues is strong.

Foster Hall at Brush Farm House is a larger venue and as TTTG’s shed is onsite the selling logistics are excellent. There will be lots to buy at the February meeting.

## Tools for Women

*Popular Science Monthly*  
November 1925

114

POPULAR SCIENCE MONTHLY

An advertisement for Klein's tools. On the left, a black and white illustration shows a woman with short, curly hair sitting at a desk, focused on a task. She is holding a pair of pliers. To her right, a large, detailed illustration of a pair of Klein's pliers is shown. The pliers have long, curved handles and a pointed, beak-like tip. A circular logo is visible on the upper handle, featuring a figure and the text 'KLEIN TOOLS'. Below the illustration, there is a block of text and a logo for Mathias Klein & Sons.

**She Can Do It Herself With Klein's!**  
Most men are fussy about their tools —but no need to worry if she gets your Klein's. They stand up under anything! Fact is, there isn't a job they won't tackle. If you haven't a pair now—drop in at any hardware dealers and handle a pair. You won't let go!

**Mathias KLEIN & Sons**  
Established 1857 Chicago, Ill. U.S.A.

### **Sydney Tool Sale Door Prize**

When you pay to enter the Tool Sale you will be given a numbered ticket.

The doors open at 9am but you can buy tickets from 8.45am.

At 12.30pm the Door Prize raffle will be drawn.

**The 2017 Sydney Tool Sale prize is PEC Combination Square Set.**

*The PEC Combination Square Set was supplied by JIM DAVEY TOOLS.*



**Sydney Tool Sale**  
**Sunday 26 Feb 2017**

*Looking for old and new tools?*

*Don't miss Sydney's biggest tool sale.*

Brickpit Sports Stadium  
1A Dartford Road, Thornleigh

**Entry \$5**

**9am to 1pm**

John

0418 488 210

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