

## 2020 CATALOG OF SHAKER BOX SUPPLIES

For over thirty years we have been introducing people to Shaker oval boxes by giving hands-on workshops in box making and supplying box makers with the wood, hardware, tools and instructional materials needed for box construction. We offer bands and tops and bottoms for a wide range of sizes and styles of boxes, carriers and trays starting from the log and overseeing cutting, drying and surfacing of all materials to insure quality. Tops and bottoms are solid wood in the smaller sizes, and special shop made plywood for larger sizes requiring the dimensional stability of cross banded boards.

The copper tacks used in oval box construction are made on machines that date back to the late 1800's. Our machines were acquired from the W.W. Cross Nail Co. when they ceased tack manufacturing in 1991. We currently make nine sizes of tacks plus the 1/2" copper shoe peg used for securing top and bottom boards when copper is preferred in place of wood pegs.

We guarantee satisfaction in all your purchases. We welcome phone orders at 517-543-5325 (9-5 eastern, M-F) and send all orders with an invoice for your payment by check after you receive it.

### News for 2020

Our website continues to be complimented by those who find us there. First time box makers can take advantage of the "Getting Started Special" (page 4) with its \$50 discount. Be sure to look for the section with articles John has written for **Popular Woodworking**. See "Making Shaker Oval Boxes" #135 Aug, 2003 for step photos and patterns on how to make the nest of 5 boxes taught in our Box Basics class. Special events are scheduled for you to make your own advanced project including the Crown Box from issue #227 Oct, 2016.

The PBS program "A Craftsmen's Legacy, The Woodworker" (season 1, episode #1) can still be found on air introducing what John feels is his legacy. You'll get a glimpse into box and tool making at the Home Shop. A DVD of the program is available for free upon request in case you've missed it.

### Home Shop Books - Volume III is finally here!

*Making Wood Tools with John Wilson* (page 4) was reviewed by Highland Woodworking News as "what may be the most beautiful book of the year as well as the most useful." Now in its 2<sup>nd</sup> edition that won the 2015 Gold Award from the non-fiction authors association. (286 pages)

*Shaker Oval Boxes Vol I: A Craftsman's Guide to Original, Derivative and Diverse Oval Boxes* (page 4) is an illustrated overview of boxes, carriers, trays and more with helpful dimensions. (166 Pages)

*Shaker Oval Boxes Vol II: Projects, Plans, Processes* (page 4). The complete how-to book on making oval boxes, carriers, trays and more. (240 pages)

*Shaker Oval Boxes Vol III: History, Materials and Design* (page 4). Here is the framework of the box making craft to complete the trilogy, beautifully bound to complement vol. I & II (260 pages)

An eBook on CD is available of all four books. It contains PDF, ePUB and MOBI files (page 4).

For all of us here at the Home Shop, may your boxes bring satisfaction to you and joy to others.

*JOHN WILSON*  
*Eric Penton*



Box making in Syracuse/Pulaski, NY, the longest running event on the road for John and Eric - 25 years!

## BOX MAKING SUPPLIES

☞ **FIRST TIME BOX MAKERS** We suggest the nest of five boxes (#0-#4). Throughout the supply list, hand symbols indicate wood, tacks and bench materials needed to make these boxes. See especially the "Getting Started in Box Making Special" grouping these items together for additional savings on page 4. Visit our website, ShakerOvalBox.com, for further information, instruction and photos. Be sure to see the **Popular Woodworking** Aug. 2003 article "Making Traditional Oval Boxes" for construction steps.

## SHAKER OVAL BOX BANDS and TOPS & BOTTOMS

- ☞ **SET OF FIVE** Box Bands, enough bands to make one box each size  
 #0, #1, #2, #3, #4, available in cherry and maple ..... \$24.00
- ☞ **SET OF FIVE** Tops and Bottoms, cherry or pine #0-4 boards to make one box each size ..... \$24.00  
 lacewood (quartersawn sycamore)....\$28.00, or birdseye maple tops and plain bottoms ..... \$32.00

| BOX SIZE            | BAND PRICES   |  | TOP & BOTTOM PRICES                |   |  |
|---------------------|---|--|------------------------------------|---|--|
|                     | <i>cherry or maple</i><br>per box set                           | <i>cherry or pine</i><br>in <u>pairs</u>     | <i>lacewood</i><br>in <u>pairs</u> | <i>birdseye maple top</i><br>and plain bottom | <i>birdseye top</i><br>( <u>each</u> ) |
| #000.....           | \$2.25.....   | solid \$2.25.....                            | solid \$2.50.....                  | solid \$2.75.....                             | solid \$1.75.....                      |
| #00.....            | \$2.25.....   | solid \$2.25.....                            | solid \$2.50.....                  | solid \$2.75.....                             | solid \$1.75.....                      |
| #0.....             | \$2.75.....   | solid \$2.75.....                            | solid \$3.25.....                  | solid \$3.75.....                             | solid \$2.50.....                      |
| #1.....             | \$3.50.....   | solid \$3.50.....                            | solid \$4.00.....                  | solid \$4.75.....                             | solid \$3.00.....                      |
| #2.....             | \$4.75.....   | solid \$4.75.....                            | solid \$5.50.....                  | ply \$6.25.....                               | ply \$4.00.....                        |
| #3.....             | \$6.00.....   | solid \$6.00.....                            | solid \$6.75.....                  | ply \$8.25.....                               | ply \$5.25.....                        |
| #4.....             | \$7.25.....   | solid \$7.25.....                            | solid \$8.50.....                  | ply \$9.50.....                               | ply \$6.00.....                        |
| #5.....             | \$9.25.....   | solid or ply 9.25.....                       | solid \$11.50.....                 | ply \$12.50.....                              | ply \$8.00.....                        |
| #5 Tall.....        | \$12.00 (bottom band 5" wide, with top band)                    |  |                                    |   |  |
| #6.....             | \$11.50.....  | <i>cherry, pine &amp; plain maple (each)</i> |                                    | <i>birdseye top(each)</i>                     |  |
| #6 Carrier.....     | \$11.00 (band 2-3/8" wide, with #C handle)                      | ply \$6.50.....                              |                                    | ply \$11.50.....                              |  |
| #7.....             | \$15.50.....  | ply \$9.75.....                              |                                    | ply \$13.50.....                              |  |
| #7 Carrier.....     | \$13.00 (band 2-1/2" wide, with #C handle)                      |  |                                    |   |  |
| #7 Div. Carrier ... | \$14.25 (band 2-1/2" x 40-1/2" with solid center divider board) |  |                                    |   |  |
| #8.....             | \$20.00.....  | ply \$12.00.....                             |                                    | ply \$17.50.....                              |  |
| #8 Carrier.....     | \$15.25 (band 2-3/4" wide, with #C handle)                      |  |                                    |   |  |
| #8 Button Box ...   | \$15.25 (bottom band 2-3/4" wide, with top band)                |  |                                    |   |  |
| #8 Tall.....        | \$26.50* (bottom band 8" wide, with top band)                   |  |                                    |   |  |
| #9.....             | \$23.00*.....   | ply \$15.50*.....                            |                                    | ply \$20.00*.....                             |  |
| #10.....            | \$26.00*.....   | ply \$17.50*.....                            |                                    | ply \$22.00*.....                             |  |
| #11.....            | \$31.00*.....   | ply \$20.00*.....                            |                                    | ply \$24.00*.....                             |  |
| #12.....            | \$35.00*.....   | ply \$22.00*.....                            |                                    | ply \$27.00*.....                             |  |

1/4" Birch Plywood Boards, sizes #6 - #12, available at 60% of corresponding cherry prices.

## PRESENTATION BOX and CROWN BOX (Open Round Container with Rim)

**Presentation Box** materials are priced the same as size #3 oval box materials listed above.

| SIZE      | Dia.        | BAND PRICES                       |                   | BOTTOM PRICES     |                       |  |
|-----------|-------------|-----------------------------------|-------------------|-------------------|-----------------------|--|
|           |             | <i>Cherry band with Maple rim</i> | <i>Solid Pine</i> | <i>Cherry ply</i> | <i>1/4" Birch ply</i> |  |
| No.1..... | 7".....     | \$9.25.....                       | \$4.25.....       | \$4.50.....       | \$2.70.....           |  |
| No.2..... | 8 1/4"..... | \$10.50.....                      | \$5.50.....       | \$6.50.....       | \$3.90.....           |  |
| No.3..... | 9 1/2"..... | \$11.75.....                      | \$6.50.....       | \$8.00.....       | \$4.80.....           |  |
| No.4..... | 11".....    | \$15.00.....                      | \$9.00.....       | \$10.25.....      | \$6.15.....           |  |

Escutcheon Pins, Brass #16 x 5/8" .....1 OZ.(approx. 90 pins).....\$4.00

2" foam cores .....No.1.....\$6.00, No.2.....\$7.00, No.3.....\$8.00, No.4.....\$10.00

Shapers, solid pine (pairs)....No.1.....\$14.00, No.2.....\$17.00, No.3.....\$20.00, No.4.....\$23.00

Finger Patterns, all four Crown Box patterns in aluminum ..... \$20.00

See our website for the **Crown Box** article detailing construction. (free paper patterns available)

**HANGLES** in cherry or maple**TRAY BANDS** in cherry

**A - HANDLE** (1/8" x 3/4" x 17") fits #3, #4, & #5 (swing)...\$2.00  
**B - HANDLE** (1/8" x 1" x 23") fits #5 (fixed), & #6.....\$2.50  
**C - HANDLE** (1/8" x 1-1/4" x 26") fits #6-#8 (fixed).....\$3.00

#7 - \$7.00.....#8 - \$8.00.....#9 - \$9.00  
 #10 - \$10.00...#11 - \$11.00...#12 - \$12.00  
 1" foam oval forms for trays #7 - #12 priced \$7 - \$12 each.

**FORMS and PATTERNS**

☞ **#0 - #4 OVAL CORES** solid wood forms for bending bands..... \$65.00  
 ☞ **#0 - #4 SHAPERS** wood corks for holding formed bands..... \$65.00  
 ☞ **#0 - #4 FINGER PATTERNS** in aluminum for tracing fingers and locating tack holes  
 (includes both top & bottom band patterns) see suggestion 5 on page 4..... \$20.00  
**#5 SIZE PATTERN SET** includes oval core, shapers, and finger patterns..... \$48.00  
**#00 and #000 SIZE PATTERN SETS** includes core, shapers and finger pattern..... \$18.00 each  
**#3 (three fingers), #5, #6, #7, #8 FINGER PATTERNS** (includes both top & bottom band patterns) ..... \$6.00 each  
**#9, #10, #11, #12 FINGER PATTERNS** (includes both top & bottom band patterns) ..... \$8.00 each  
**#6, #7, #8 CORES & SHAPERS** available upon request

**TRAYS and TOOLS**

**COPPER HOT WATER TRAY** made from heavy gauge copper with stainless steel hinge

**37" tray** We recommend for most box makers (3" x 6" x 37", fits a #6 band). Add \$10.00 packaging, page 4 ..... \$140.00\*  
**48" x 9" tray** (3" x 9" x 48", fits a Tall #8 band). Add \$10.00 packaging, page 4 ..... \$199.00\*

**GALVANIZED STEEL WATER TRAY** with simplified lift off lid

☞ **32" tray** (3" x 6" x 32", will accommodate through #5 bands)..... \$48.00  
**48" tray** (3" x 9" x 48", will accommodate through #8 tall bands) Add \$10.00 packaging, page 4 ..... \$85.00\*

**DRILLING JIG** corded Ryobi drill with line switch, ready to drill peg holes (includes 5/64" bit) ... \$90.00\*

☞ **ANVIL** cradled galvanized pipe ready to clamp on bench for clinching tacks..... \$25.00

☞ **SANDING BLOCK** cushioned wood block (sized for 1/4 sheet of sand paper) ..... \$3.00

**COPPER TACKS, PEGS & RIVETS**

☞ **TAC PAC** with pegs. One package each of #1, #1-1/2 & #2 with 1 box toothpicks (makes 80 boxes)... \$18.00

**PEGS** toothpicks (one box included with TAC PAC) use 5/64" hole 1/2" deep..... \$1.00  
 TIP: Cut box in half on band saw to create pegs. Be sure to hold box down securely when cutting.

**TRUNK RIVETS** (oval head x 3/4" long with washers, 24 count/pkg.) for attaching swing handles in #3 - #8 carriers ..... \$6.00/box  
 1" long trunk rivets also available, same head size and same price, 12 count/pkg.

**SMALLER RIVET** (round head x 1/2" long with washers, 24 count pkg.) S.D.L. style carriers & very small sizes..... \$6.00/box

**COPPER TACKS:**

| Tack #   | Length of Tack | Recommended Box Size | Thickness Clinched | Approx. Count/pkg. | Price       |           |
|--|----------------|----------------------|--------------------|--------------------|-------------|-----------|
|  |                |                      |                    |                    | Package     | Pound     |
| #3/4.....  | 5/32".....     | #000-#00.....        | .045-.062.....     | 250 (1/4 oz).....  | \$6.00..... | \$130.00* |
| #1.....  | 3/16".....     | #0-#1.....           | .055-.065.....     | 350 (1/2 oz).....  | \$6.00..... | \$73.00*  |
| #1-1/2.....  | 7/32".....     | #1-#3.....           | .065-.075.....     | 375 (5/8 oz).....  | \$6.00..... | \$67.00*  |
| #2.....  | 1/4".....      | #3-#6.....           | .075-.090.....     | 375 (1 oz).....    | \$6.00..... | \$62.00*  |
| #2-1/4.....  | 9/32".....     | #6-#8.....           | .090-.110.....     | 300 (1 oz).....    | \$6.00..... | \$58.00*  |
| #2-1/2.....  | 5/16".....     | #8-#12.....          | .110-.130.....     | 215 (1 oz).....    | \$6.00..... | \$55.00*  |
| #3.....  | 3/8".....      | #13-#16.....         | .130-.160.....     | 165 (1 oz).....    | \$6.00..... | \$55.00*  |
| #4 light trimmer (7/16" in length, #2-1/2 head) handles on bands #6 & up |                |                      |                    | 160 (1 oz).....    | \$6.00..... | \$55.00*  |
| Fixed Handle Tacks (3/8" in length, #2 head) handles on bands below #6   |                |                      |                    | 280 (1 oz).....    | \$6.00..... | \$62.00*  |
| Copper shoe pegs (1/2" in length. Use 1/16" pilot hole, 3/8" deep.)..... |                |                      |                    | 175 (1 oz).....    | \$4.00..... | \$33.00*  |

## INFORMATION, KITS and BOOKS

|   |          |
|---|----------|
| DVD VIDEO includes both "Making Shaker Oval Boxes & Carriers with John Wilson" (one hour) ,<br>and "Making a Shaker Oval Tray with John Wilson and Scott Phillips" <i>plus</i> box making, copper tack<br>machines and solar drying kilns used at the Home Shop (52 min.) ..... | \$19.99  |
| CLASS BOOKLET used in John's box making classes for #0-#5 size boxes and carriers.....  | \$4.00   |
| PATTERN PACKET 25 Oval Boxes and Carriers (with patterns for all sizes through #12).....  | \$10.00  |
| ☞ SPECIAL OFFER DVD with Class Booklet & Pattern Packet (post paid).....  | \$32.75  |
| 3 OVAL BOX KIT includes sizes #1, #2, #3, in cherry, complete with bands, boards, tacks and pegs<br>(To purchase pre-made cores, shapers and patterns, see page 3, or use the foam board supplied in this kit) .....  | \$35.00  |
| FIXED HANDLE CARRIER KIT includes two #4 fixed handle carriers, in cherry, complete<br>with materials, patterns and instructions (Pre-made cores, shapers and patterns see page 3).....   | \$35.00  |
| SWING HANDLE CARRIER KIT includes one #4 swing handle carriers, in cherry, complete<br>with materials and instructions (Pre-made cores, shapers and patterns see page 3).....   | \$27.50  |
| #1 BOX WITH MUSIC WORKS KIT "Simple Gifts" song in a #1 oval box. Project<br>suitable for the first-time or experienced box maker. Contains everything you will need....  | \$ 35.00 |
| PRESENTATION BOX WITH MUSIC WORKS KIT same as above only long , narrow box<br>allows section for small treasures .....  | \$44.75  |
| MUSIC WORKS "Simple Gifts" fits inside #1 oval box with 7/16" thick<br>sounding board (Sounding Board Available Separately, \$3.50 each).....   | \$10.00  |
| "SHAKER OVAL BOXES Vol I" autographed and post paid in US.....  | \$34.95* |
| "SHAKER OVAL BOXES Vol II" autographed and post paid in US.....   | \$39.95* |
| "SHAKER OVAL BOXES Vol III" autographed and post paid in US.....  | \$39.95* |
| "MAKING WOOD TOOLS WITH JOHN WILSON" 2 <sup>nd</sup> Edition signed and post paid in US   | \$39.95* |
| eBOOK "SHAKER OVAL BOXES Vol I, II or III" and "MAKING WOOD TOOLS" 2 <sup>nd</sup> Edition<br>each CD contains PDF, ePUB and MOBi files of the complete book.....post paid in US.....   | \$9.95*  |

## GETTING STARTED IN BOX MAKING SPECIAL

☞ Take \$50 off when ordering the getting started set: One set of five cherry or maple bands, one set of five cherry or pine tops and bottoms, size #0 - #4 cores, shapers and finger patterns, 32" galvanized water tray, pipe anvil, sanding block, one tac pac and one DVD special offer - regularly \$324.75, now \$274.75\*

## SHIPPING and HANDLING, DISCOUNTS and PAYMENTS

We ship by **USPS** and **UPS**, please let us know your preference, if any. Note: Packages longer than 47" are now assessed with additional handling charges by UPS.

First Class Parcels under 8 oz.....\$5.00, up to 13 oz.....\$7.00 Larger quantities of tacks up to 3 lbs.....\$10.00

**Shipping** wood materials and other supplies .....Published Retail Rates + \$5.00

Orders containing water trays, band sizes #8 through #12, or over \$400.00 ..... Add \$10.00

Sales tax on materials sold in Michigan (exclusive of Shipping & Handling) ..... Add 6%

Canada & Overseas: Actual post and insurance + \$7.00. Call/write for payment instruction summary.

**Discounts** Most materials receive 5% off when 10 of a kind are ordered, or, instead, orders of \$500 or more can take 10% off most items. Wider bands and larger boards, special sizes, copper water trays, and pound quantities of tacks (all marked with an **asterisk \*** are exempt from discounts.

**Payment** We do not accept credit/debit cards. Our open invoice system allows you to pay by check or money order after you receive your goods. Please see the invoice found inside your package.

## SUGGESTIONS FOR BENDING BOX BANDS

1. If a slicing bias is noted, try keeping the side without knife splits to the outside. In hot water "the inside of the curl is the outside of the box."
2. Have the water boiling in the soaking tray, and then work promptly so the wood is *hot at the moment you bend it*.
3. Ten minutes may be sufficient time in the water tray, but *twenty minutes* will insure that troublesome bands are fully soaked.
4. To help keep the fibers together at the moment of bending, *push the wet band* around the ends of the oval core giving the wood support with your hand.
5. When cutting the finger bevels, *develop a narrow style* so that the ends are 3/16" wide, or 1-1/2 times the tack head diameter. This minimizes curling and matches the Shaker style. Patterns for fingers are rough size. Trim to finished size with sharp knife using slight 10 degree bevel.
6. Be sure to hold *all the fingers all the time*, or else the band is likely to split up the middle between the fingers.
7. Repairs to wet bands can be made using CyanoAcrylate or CA glue.
8. Stains appearing on cherry bands after soaking are from iron (Fe) or aluminum (Al) contamination. Ground water, metal filings and sand paper grit are the most prevalent sources. These spots can be cleaned with an oxalic acid solution. Mix 1 tbs crystals to ½ pt. warm water.

**John Wilson and Eric Pintar, LLC, 406 EAST BROADWAY, CHARLOTTE, MICHIGAN 48813**  
**517-543-5325** (8:30-5 EST, M-F) or visit **ShakerOvalBox.com**