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## Get the Advantages of Hide Glue Without the Glue Pot

Traditional hide glue has many advantages for woodworking. It's reversible—a little heat and water allow you to disassemble a joint. And the glue can be tweaked (by adding urea) to have a longer open time.

But most hide glues require that you mix them yourself, keep them heated in a glue pot (carefully watching the temperature and for mold growth) and they have an odor that puts off some people.

In response, furniture maker and conservator W. Patrick Edwards developed Old Brown Glue, which has all the advantages of traditional hide glues and none of the disadvantages. Old Brown Glue comes premixed, is liquid at room temperature and has almost no odor (it's as mild smelling as your yellow glue, really). And after using a couple bottles, I am really sold on this glue as an excellent adhesive for assembling furniture and chairs.

Old Brown Glue has a much longer open time than standard yellow glues. You can continue to work with your clamps and parts for as long as an hour before the glue sets up. This is ideal for complex assemblies, especially

chairs, because it removes one of the major stresses of glue-ups.

Equally important is its reversibility. While building one Welsh chair I accidentally glued a leg into the wrong mortise and left it there. A little warm water and heat from an iron and the leg pulled free. With yellow glue I would have been out of luck.

There are some assemblies for which I still favor yellow glue: I like the fast setup when making panels from narrower boards, for example. But when assembling anything complex, I drop a bottle of Old Brown Glue

into a cup of warm tap water (which makes it flow easily) and settle in for a much more relaxed glue-up. —CS

For more information, circle #181 on Free Information Card.

### SPECIFICATIONS

#### Old Brown Glue

**Street price:** \$8 for 5 oz.; \$21 for 16 oz.

**Ingredients:** Hydrolyzed collagen, urea

**Open time:** up to one hour

**Clamp time:** 12 hours

**Performance:** ●●●●●

**Price range:** \$\$\$

**Tools for Working Wood:** 800-426-4613 or [toolsforworkingwood.com](http://toolsforworkingwood.com)



## Oneway's 1224 Lathe Offers Increased Capacity

For turners who dream of owning a Oneway lathe, the model 1224 is a good way to make that dream a reality. While it's not the least expensive Oneway, its additional capacity (for only about \$200 more than the smaller 1018) makes the choice a no-brainer.

The 1018, with 10" swing and 18" between centers, is in the mini-lathe category even though in every respect other than capacity it's in a class by itself. The 1224, with a 12" swing and 24" between centers, sufficiently increases capacity to satisfy all but the more serious bowl turners. We do wish the between-centers capacity were 6" more to handle standard table leg lengths. A 24" bed extension is available for an extra \$275.

I turned a 10"-diameter hard maple bowl on the 1224 and it was a joy. Its performance was superior to a larger 16" swing capacity lathe I routinely use. The first thing you notice about this lathe is its fit and finish, and the extremely smooth operation of the tail stock and banjo, which glide across the bed ways, but clamp very positively. Turn the machine

on and you barely hear it run. The spindle turns in four precision headstock bearings.

For a relatively smaller lathe, it weighs in at 300 pounds, some of which is in its heavy-duty steel bench. It's powered by a 1 hp motor configured for either 110 volt or 220V. An electronic drive controller reverses and provides infinitely variable rpm from zero to 4,500 while using a two-step pulley. The headstock spindle is a No. 2 morse taper with 1" x 8 threads per inch. At just less than \$2,000 it's a lot of lathe. It can be ordered directly from Oneway, or through Woodcraft, Craft Supplies USA or Packard Woodworks. —Steve Shaney

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### SPECIFICATIONS

#### Oneway 1224 Lathe

**Street price:** \$1,995

**Features:** Weld design kills vibration; four-bearing spindle headstock

**Performance:** ●●●●●

**Price range:** \$\$\$\$

**Oneway Manufacturing:** 800-565-7288 or [oneway.ca](http://oneway.ca)

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