

JET JWL-1220 Woodturning Lathe

The JET JWL-1220 represents the next step in our hugely popular mini lathe series. With 12" swing and 20" between center capacities plus an array of user-friendly features, the

JET JWL-1220 more than fills the void between traditional mini and full-sized lathes. Add the JWL-1220BE 28" bed extension and the JET JWL-1220 between centers capacity expands to nearly 50", rivaling that of much larger and substantially more expensive woodturning lathes.

The JET JWL-1220 is based on the tried and true JET cast iron technology for maximum accuracy, durability and long term stability. Precisely machined components and high-end ball bearings are used throughout the JET JWL-1220, insuring long-term accuracy and smooth running stability.



The motor is mounted below the bed with the belt tension handles up front for quick speed changes.



In its standard form, (left) the JWL-1220 is a very capable lathe. Add the bed (and stand) extension (left) and its between centers capacity rivals that of many "full-sized" lathes!

Power and Speed

The JET JWL-1220 features a 3/4HP TEFC (totally enclosed fan cooled) motor (115V only) that handles the increased capacities with ease. The additional power also maintains consistent rpm through a much wider range of turning situations.

Finely machined and balanced step pulleys on the motor and spindle provide six rpm settings to handle virtually any turning or sanding task you may encounter. Changing from one speed to another among the available 500, 840, 1240, 1800, 2630 and 3975 rpm settings is fast and tool free.

Release the belt tension using the front-mounted levers and then slip the drive belt onto the new pulley positions through the two spring-loaded access doors. Re-tension the belt and the JET JWL-1220 is ready for use.

Indexing

Another new feature on the JET JWL-1220 is 24-position indexing that makes it possible to do many fluting or drilling operations with exceptional accuracy. A specially designed, spring-loaded button above the hand wheel can be depressed to temporarily lock the spindle for removing thread-on accessories such as a chuck. That same button can be screwed in to lock the spindle in any of the 24 positions, freeing your hands for other operations.

Standardized Versatility



The 1X8 spindle thread and #2 Morse taper make the JWL-1220 compatible with a huge range of accessories.

The JET JWL-1220 is designed to be compatible with a huge range of commonly used accessories. The spindle and tailstock both accept tooling with the popular #2 Morse taper. The spindle has equally popular 1 X 8 threads. Using these popular sizes mean you can use tooling and accessories you already have. They also mean finding specialized accessories in the future will be easy and economical.



Moving the belt between the five available pulley positions is fast, tool-free and easy through the spring-loaded access doors.

Included Accessories

The JET JWL-1220 comes with a full set of popular accessories and a few that are not so common. A four-wing spur drive, quality ball bearing live center, knockout rod, 6"- tool rest and 3"-diameter faceplate are included with the JET JWL-1220.



The basic JWL-1220 package includes all these accessories as standard equipment!

Not so common is the 10"-long tool rest included and handy tool caddy that are standard equipment with the JET JWL-1220. We also include a pair of quality safety glasses in place of the more common "science class" goggles. A pair of cord wrap brackets is factory installed to provide handy storage for the power cord when not in use.

Because many users will store the JET JWL-1220 when not in use, we added a pair of retractable carry handles.

Located on either end, the large-diameter handles provide comfort and control when moving the JET JWL-1220 is necessary.

Let There Be Light

Woodturners have added task lighting to their lathes for ages. That often meant another cord and a less than optimum mounting that frequently hindered work (and safety) on the lathe.

We added a built-on task light, mounted on a positionable flexible arm to the JET JWL-1220 to eliminate these problems. The task light draws its current from the JET JWL-1220 wiring so there is no extra cord or socket required. The task light also has its own on/off switch so it can be used only when needed.



The built-in task light on a flexible arm makes it easy to see fine detail work.

Accessories



The 28" bed extension (left) bolts up easily to the JWL-1220 bed. The mating end of the extension bed (right) has adjuster screws that make aligning the surfaces easy and accurate.

Bed Extension

Adding the JWL-1220BE 28" bed extension expands the JET JWL-1220 between center capacity to nearly 50", exceeding that of

many full-sized 12" lathes! The 3/4hp motor allows turning long pieces without concern.

The JWL-1220BE 28" bed extension comes with the necessary hardware for installation but goes a step further to make this process easy. A hanging plate on the mating end of the extension makes aligning it to the JET JWL-1220 bed much easier when a second set of hands are not available. The mating face also has hex head socket screws pre-installed that make aligning the JWL-1220BE 28" bed extension perfectly much easier. Even the rubber-cushioned feet on the bed extension are adjustable to be sure your newly configured JET JWL-1220 remains stable on irregular surfaces.

Stand

We offer the JWL-1220S stand that makes your JET JWL-1220 a rock-solid, stand-alone machine when bench space is not available. Built from heavy walled square steel tubing with fully welded plate steel joining plates, the JWL-1220S is beautifully finished to retain its good looks while resisting corrosion for many years to come.

The JWL-1220S comes with rubber tipped adjustable leveling feet to dampen vibrations and resist moving. The lathe mounting plates are adjustable so spindle height can be set to between 43 and 45" above the floor for maximum comfort.



Shown with the extension kit installed, the JWL-1220S stand makes a very stable platform for the JWL-1220 lathe.

Stand Extension



The stand extension kit includes the center post, adjustable mount plate and crossbar. All of the parts bolt up to the JWL-1220S stand.

A specially designed extension kit JWL1220SE enlarges the JWL-1220S stand to accommodate the JET JWL-1220 when equipped with the JWL-1220E bed extension. Made from the same materials as the JWL-1220S stand, all of the required parts and fasteners are included to make this conversion easy without sacrificing stability.