

JET JWL-1220VS Variable Speed Lathe



The JET JWL-1220VS brings the versatility of variable speed to this very popular lathe.

Our JET mini lathes set the industry standard for years. Now, the new JET JWL-1220VS lathe brings variable speed to this instantly popular machine. Add the JWL-1220BE 28" bed extension and the JET JWL-1220VS 50" between centers capacity rivals that of many larger, more expensive lathes.

The JET JWL-1220VS lathes are built using our time honored heavy cast iron technology to insure maximum accuracy and the long-term durability that makes the JET JWL-1220VS Wood Lathe an even greater value.

Power and Speeds

The JET JWL-1220VS lathe features a 3/4HP motor (115V only) that runs strong, smooth and consistent. Mounted directly below the bed, the motor is out of the way yet easily accessible from the front for belt tensioning. Tool-free levers on the front of the JET JWL-1220VS Wood Lathe make adjusting belt tension quick and easy.

	Pulley Position		
	Low 1 / 2	Mid 3 / 4	High 5 / 6
1	200/330	500/760	1100/1800
2	270/450	700/1000	1500/2400
3	340/560	900/1300	2000/3000
4	410/680	1000/1600	2300/3600
5	470/800	1200/1800	2700/4300



The variable speed controls are powerful but simple to operate.

The JWL-1220VS uses a sophisticated electronic speed control along with finely machined six step pulleys that together provide total spindle RPM control within a huge overall speed range of 200 to 4300 RPM! The electronic speed control dial has 5 numerical dial settings which allow making very specific RPM settings easy. Pulley position #1 is the largest diameter step on the spindle shaft, #6 the smallest diameter step. Using the chart above (included on the machine) one can set the speed as desired.

Changing the belt position on the JET JWL-1220VS Wood Lathe step pulleys 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-1220VS is ready for use.

Indexing / Spindle Lock

Another new feature on the JET JWL-1220VS series lathes is 24-position indexing that makes it possible to do many fluting or drilling operations with consistent spacing and exceptional accuracy. A specially designed, spring-loaded button above the handwheel 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.



The indexing button can be held in manually for removing threaded-on accessories or it can be screwed in to free your hands for fluting or drilling operations.

Standardized Versatility



The JWL-1220VS comes with a handy tool rack and cord wrap (left) in addition to the other accessories. The handy work light (right) makes working with smaller turnings easier and safer.



The JET JWL-1220VS lathe is designed to be compatible with a huge range of common accessories. The spindle and tailstock accept tooling with the popular #2 Morse taper. The spindle nose exterior has the popular 1 X 8 threads. These attachment sizes are virtually standard in woodturning and mean you can use tooling and accessories you already

have. They also make finding specialized accessories in the future easy and economical.

Included Accessories

The JET JWL-1220VS comes with a full set of popular accessories. A four-wing spur drive, quality ball bearing live center, knockout rod, 10" tool rest, 6" tool rest and 3" diameter faceplate are standard equipment. We also include quality safety goggles.

Bed Extension

Adding the JWL-1220BE 28" (#708377) bed extension expands the JET JWL-1220VS between center capacity to nearly 50", exceeding that of many full-sized 12" lathes! The 3/4hp motor has the power needed to handle those long pieces.

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-1220VS 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-1220VS is stable on irregular surfaces.



The 28" bed extension and 3/4HP motor allow turning pieces up to 50" long, a capacity rivaling far more expensive machines.

Stand



The stand features wide-stance, rubber-tipped feet (left) that adjust for irregular floors. The mounting plates (right) are adjustable up and down to fine-tune spindle height for comfort.



We offer the JWL-1220S (#708378) Adjustable Stand that makes your JET JWL-1220VS a rock-solid, stand-alone machine. 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.

Stand Extension

A specially designed extension kit JWL1220SE (#708379) enlarges the JWL-1220S adjustable stand to accommodate the JET JWL-1220VS when equipped with the JWL-1220SE 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.



The stand extension kit includes a new center post, extension bar and mounting platform to accommodate the bed extension.