

# JET Woodworking Lathe

Model JWL-1015VS

## Safety Warnings

- Read and understand the entire owner's manual before attempting operation.
- Read and understand the warnings posted on the machine and in this manual. Failure to comply with all of these warnings may cause serious injury.
- This lathe is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of a lathe, please see Pitsco Idea Shop staff for assistance in scheduling training.
- Do not use this lathe for other than its intended use.
- Do not turn materials other than wood on this lathe.
- Always wear approved safety glasses/face shields while using this lathe.
- Before operating this lathe, remove tie, rings, watches and other jewelry, and roll sleeves up past the elbows.
- Remove all loose clothing and confine long hair. Non-slip footwear or anti-skid floor strips are recommended.
- Do not wear gloves while operating the lathe.
- Do not operate this machine while tired or under the influence of drugs, alcohol or any medication.
- Make certain the switch is in the OFF position before connecting the machine to the power supply.
- Make certain the machine is properly grounded.
- Make all machine adjustments or maintenance with machine unplugged from power source.
- Remove adjusting keys and wrenches before turning the lathe on.
- Keep safety guards in place at all times when the machine is in use.
- Keep the floor around the machine clean and free of scrap material, oil and grease.
- Keep visitors a safe distance from the work area. Keep children away.
- Give your work undivided attention. Looking around, carrying on a conversation and "horse-play" are careless acts that can result in serious injury.
- Maintain a balanced stance at all times so that you do not fall into the spindle or other moving parts. Do not overreach or use excessive force to perform any machine operation.
- Use the right tool at the correct speed and feed rate. Do not force a tool or attachment to do a job for which it was not designed. The right tool will do the job better and more safely.
- Use recommended accessories; improper accessories may be hazardous.
- Maintain tools with care. Keep turning chisels sharp and clean for the best and safest performance. Follow instructions for lubricating and changing accessories.
- Turn off the machine before cleaning. Use a brush or compressed air to remove chips or debris — do not use your hands.
- Do not stand on the machine. Serious injury could occur if the machine tips over.
- Never leave the machine running unattended. Turn the power off and do not leave the machine until it comes to a complete stop.
- Remove loose items and unnecessary work pieces from the area before starting the machine.
- Check the workpiece carefully for splits, knots or other obstructions which may cause a safety risk while turning.

- Adjust tool rest to proper height and position for the work. Rotate the workpiece by hand to check clearance with the tool rest before turning on the machine.
- Select the appropriate speed for the turning job at hand. Start at low speed and allow the Lathe to ramp up to operating speed.
- Never apply coolants or water to a spinning workpiece.
- Never stop a rotating workpiece with your hand.
- If gluing up a workpiece, always use a high- quality glue of the type necessary for that particular workpiece.

#### **TECHNICAL DATA**

Model Number: JWL-1015VS

Brushed DC Induction Motor: ½ HP, 90v DC, 3.2 A

Throat: 9 inches (228 mm)

Swing over bed: 10 inches

Swing over tool rest base: 7.32 inches

Distance between centers: 15.5 inches

Faceplate diameter: 3 inches

Spindle speeds: Variable, 3 ranges (600-3600; 300-1750; 200-1050)

Indexing positions: 24

Bed width: 5 inches

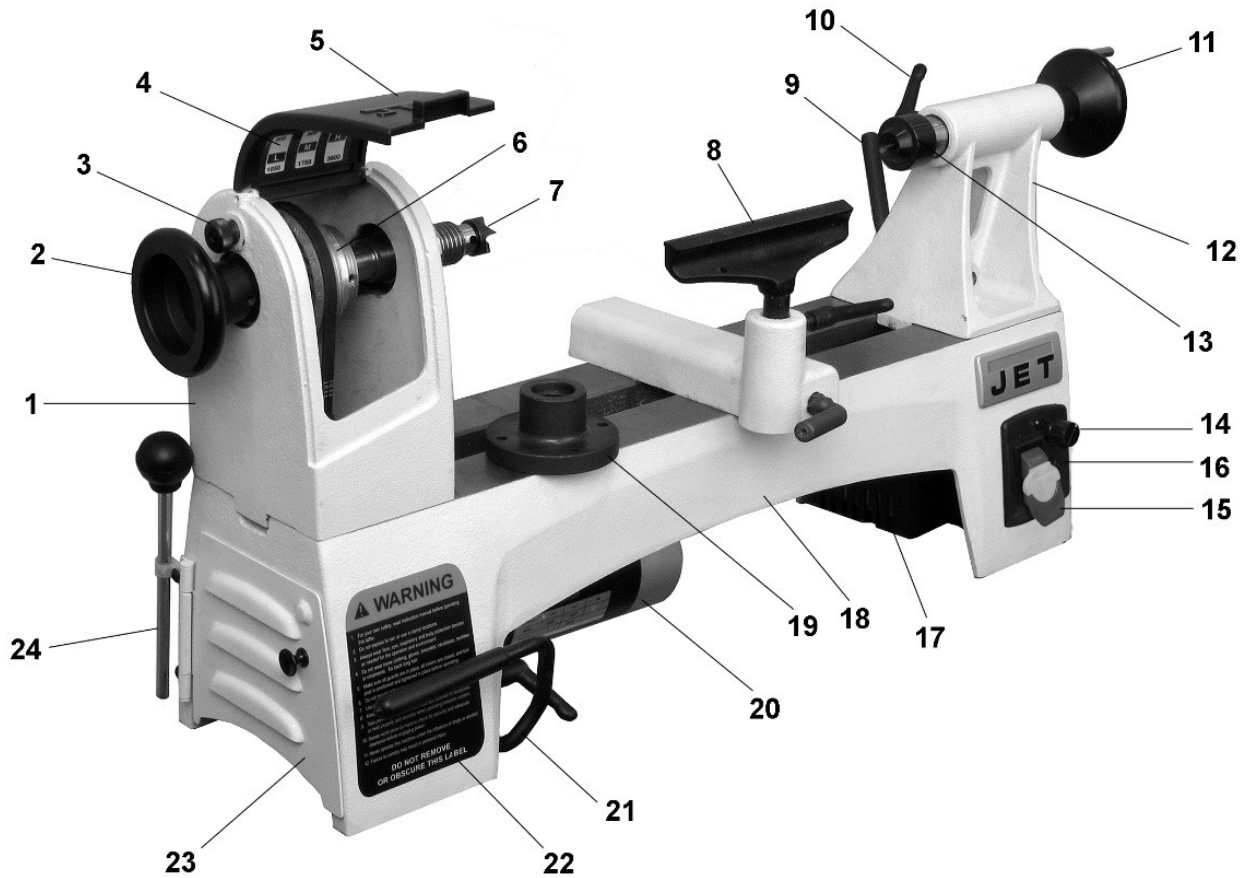
Tool support post diameter: 5/8 inches

Dust Port Size (Outer Diameter): 2-1/2 inches (64 mm)

Net Weight: 72.6 pounds

Assembled Dimensions: .35”L x 18.1”W x 14.56”H (890 x 300 x 370 mm)

[User Manual](#) (pdf)



**JET Lathe Call Outs:**

- |                                 |   |
|---------------------------------|---|
| 1. Headstock                    | 13. Live center                         |
| 2. Headstock handwheel          | 14. Variable speed dial (potentiometer) |
| 3. Index pin                    | 15. On/Off switch with safety key       |
| 4. Speed chart                  | 16. LED light                           |
| 5. Upper pulley access door     | 17. Controller assembly                 |
| 6. Spindle pulley               | 18. Bed assembly                        |
| 7. Spur center                  | 19. Face plate 3"                       |
| 8. Tool Rest                    | 20. DC motor                            |
| 9. Tailstock lock handle        | 21. Belt tension handle                 |
| 10. Tailstock quill lock handle | 22. Warning label                       |
| 11. Tailstock handwheel         | 23. Lower pulley access door            |
| 12. Tailstock                   | 24. Knockout rod                        |

## JET Lathe Speed Guide

Diameter of Work	Roughing RPM	General Cutting RPM	Finishing RPM
Under 2"	1520	3000	3000
2" to 4"	760	1600	2480
4" to 6"	510	1080	1650
6" to 8"	380	810	1240
8" to 10"	300	650	1000