



WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS, EXCEPT SAWING

Set up, operate, or tend woodworking machines, such as drill presses, lathes, shapers, routers, sanders, planers, and wood nailing machines. May operate computer numerically controlled (CNC) equipment.

Also Called: Boring Machine Operator, Cabinet Maker, Knot Saw Operator, Lathe Operator, Machine Operator, Molder Operator, Router Operator, Sander, Sander Operator,

[Career Video](#)

Resource Details

On The Job

- Set Up, Program, Operate, Or Tend Computerized Or Manual Woodworking Machines, Such As Drill Presses, Lathes, Shapers, Routers, Sanders, Planers, Or Wood-Nailing Machines.
- Examine Finished Workpieces For Smoothness, Shape, Angle, Depth-Of-Cut, Or Conformity To Specifications And Verify Dimensions, Visually And Using Hands, Rules, Calipers, Templates, Or Gauges.
- Start Machines, Adjust Controls, And Make Trial Cuts To Ensure That Machinery Is Operating Properly.
- Monitor Operation Of Machines And Make Adjustments To Correct Problems And Ensure Conformance To Specifications.
- Examine Raw Woodstock For Defects And To Ensure Conformity To Size And Other Specification Standards.



Technology Skills



Name	Example
Computer Aided Design Cad Software	- Autodesk Autocad - Computer Aided Design And Drafting Cadd Software
Video Creation And Editing Software	Youtube
Graphics Or Photo Imaging Software	- Adobe Creative Cloud Software - Adobe Illustrator
Operating System Software	- Apple Macos - Microsoft Windows
Spreadsheet Software	Microsoft Excel



Knowledge

Name	Description
Mechanical	Knowledge Of Machines And Tools, Including Their Designs, Uses, Repair, And Maintenance.

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Skills

Name	Description
Operations Monitoring	Watching Gauges, Dials, Or Other Indicators To Make Sure A Machine Is Working Properly.
Operation And Control	Controlling Operations Of Equipment Or Systems.
Quality Control Analysis	Conducting Tests And Inspections Of Products, Services, Or Processes To Evaluate Quality Or Performance.
Monitoring	Monitoring/Assessing Performance Of Yourself, Other Individuals, Or Organizations To Make Improvements Or Take Corrective Action.

Critical Thinking

Using Logic And Reasoning To Identify The Strengths And Weaknesses Of Alternative Solutions, Conclusions, Or Approaches To Problems.

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Abilities

Name	Description
Near Vision	The Ability To See Details At Close Range (Within A Few Feet Of The Observer).
Reaction Time	The Ability To Quickly Respond (With The Hand, Finger, Or Foot) To A Signal (Sound, Light, Picture) When It Appears.
Control Precision	The Ability To Quickly And Repeatedly Adjust The Controls Of A Machine Or A Vehicle To Exact Positions.
Manual Dexterity	The Ability To Quickly Move Your Hand, Your Hand Together With Your Arm, Or Your Two Hands To Grasp, Manipulate, Or Assemble Objects.
Oral Comprehension	The Ability To Listen To And Understand Information And Ideas Presented Through Spoken Words And Sentences.

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Work Activities

Name	Description
Controlling Machines And Processes	Using Either Control Mechanisms Or Direct Physical Activity To Operate Machines Or Processes (Not Including Computers Or Vehicles).
Handling And Moving Objects	Using Hands And Arms In Handling, Installing, Positioning, And Moving Materials, And Manipulating Things.
Inspecting Equipment, Structures, Or Materials	Inspecting Equipment, Structures, Or Materials To Identify The Cause Of Errors Or Other Problems Or Defects.
Getting Information	Observing, Receiving, And Otherwise Obtaining Information From All Relevant Sources.

Performing General Physical Activities

Performing General Physical Activities Includes Doing Activities That Require Considerable Use Of Your Arms And Legs And Moving Your Whole Body, Such As Climbing, Lifting, Balancing, Walking, Stooping, And Handling Materials.

Detailed Work Activities



- Operate Woodworking Equipment.
- Measure Dimensions Of Completed Products Or Workpieces To Verify Conformance To Specifications.
- Conduct Test Runs Of Production Equipment.
- Monitor Equipment Operation To Ensure That Products Are Not Flawed.
- Set Equipment Controls To Meet Cutting Specifications.

Work Context

Name	Description
Exposed To Contaminants	How Often Does This Job Require Working Exposed To Contaminants (Such As Pollutants, Gases, Dust Or Odors)?
Face-To-Face Discussions With Individuals And Within Teams	How Frequently Does Your Job Require Face-To-Face Discussions With Individuals And Within Teams?
Exposed To Sounds, Noise Levels That Are Distracting Or Uncomfortable	How Often Does This Job Require Working Exposed To Sounds And Noise Levels That Are Distracting Or Uncomfortable?
Spend Time Using Your Hands To Handle, Control, Or Feel Objects, Tools, Or Controls	How Much Does This Job Require Using Your Hands To Handle, Control, Or Feel Objects, Tools Or Controls?
Spend Time Standing	How Much Does This Job Require Standing?

Job Zone

- **Title:** Job Zone 1-2: Very Little To Some Preparation Needed
- **Education:** Usually Requires A High School Diploma Or Ged, Though Some Occupations May Not.
- **Related Experience:** Some Occupations May Need Little Or No Previous Experience; Others Require Several Months To A Year Of Experience. For Example, Landscaping And Groundskeeping Workers

Might Require Very Little Training Or Previous Experience, While Agricultural Equipment Operators Can Benefit From On-The Job Training.

- **Job Training:**Ranges From A Few Days To One Year Of On-The-Job Training.
- **Job Zone Examples:**These Occupations Involve Following Instructions And Often Involve Using Your Knowledge And Skills To Help Others. Examples Include Dishwashers, Landscaping And Groundskeeping Workers, Counter And Rental Clerks, Dental Laboratory Technicians, And Security Guards.
- **Specific Vocational Preparation Scale Range:**(Below 6.0)

Education

- **High School Diploma Or Equivalent**
Percentage Of Respondents:73
- **Less Than High School Diploma**
Percentage Of Respondents:21
- **Post-Secondary Certificate**
Percentage Of Respondents:5



Interests

Name	Description
Realistic	Work Involves Designing, Building, Or Repairing Of Equipment, Materials, Or Structures, Engaging In Physical Activity, Or Working Outdoors. Realistic Occupations Are Often Associated With Engineering, Mechanics And Electronics, Construction, Woodworking, Transportation, Machine Operation, Agriculture, Animal Services, Physical Or Manual Labor, Athletics, Or Protective Services.
Conventional	Work Involves Following Procedures And Regulations To Organize Information Or Data, Typically In A Business Setting. Conventional Occupations Are Often Associated With Office Work, Accounting, Mathematics/Statistics, Information Technology, Finance, Or Human Resources.

Work Styles

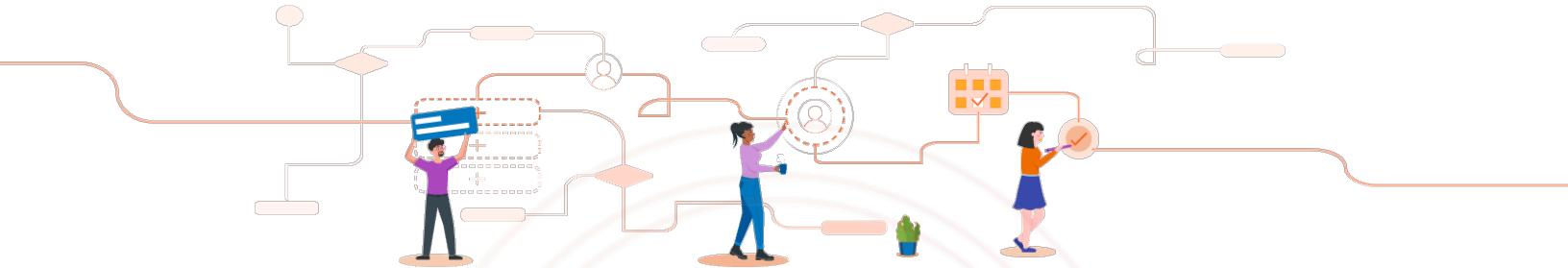
Name	Description
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Attention To Detail

A Tendency To Be Detail-Oriented, Organized, And Thorough In Completing Work.

Dependability

A Tendency To Be Reliable, Responsible, And Consistent In Meeting Work-Related Obligations.



Related Occupations

Job Outlook

- **Description :** New Job Opportunities Are Less Likely In The Future.
Category : Below Average

Salary :

Annual 10Th Percentile	Annual Median	Annual 90Th Percentile	Hourly 10Th Percentile	Hourly Median	Hourly 90Th Percentile
\$32110	\$43380	\$56830	\$15.44	\$20.86	\$27.32