

# Buying Guide

## Woodworking Machinery



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# Get the highest quality woodworking machinery for your business or personal workshop!!

## Introduction

Did you know that the first traces of woodworking date back to the 7th century B.C., and that the first wood lathe was invented in Europe over 5,000 years ago? For millennia, woodworking has required time, precision and the right machinery to get the job done.

This buying guide will help you learn more about specialized woodworking machinery and how each piece of equipment can contribute to the success of every project in your business or workshop.

JSR Industrial Supplies is pleased to offer you a selection of the highest quality [woodworking machinery](#) for all your company's renovation, manufacturing, and construction projects.



## What are the most important pieces of woodworking machinery to have on your worksite?

Whether you're a renovation contractor, a professional cabinetmaker or a wood furniture manufacturer, you need to select the right woodworking machinery to meet your needs. Each piece of equipment fulfills a specific function and remains essential to your production process.



## Bandsaw

### What is a bandsaw?

A bandsaw is the perfect tool for cutting curved shapes and thick wood. Small band saws can cut wood up to 4 inches thick, while larger models can handle cuts up to 6 inches. Band saws also offer the possibility of making longitudinal, cross and bevel cuts.

Despite their impressive cutting capacity, one might expect these saws to have large motors. However, their cutting efficiency proves that they can operate with a very compact power source.

## Table Saw

### What is a table saw?

[Table saws](#) are usually the centerpiece of professional or in-house woodworking shops. They offer the possibility of making different types of cut, from cross and longitudinal cuts to grooving. Compared with other types of saw, table saws deliver straighter, smoother cutting lines on larger workpieces.

The operation of a table saw is based on a circular saw blade mounted on a shaft that is driven by an electric motor. The blade protrudes from the table surface, which serves as a support for the material to be cut, usually large pieces of wood.

It is possible to adjust the depth of cut by raising or lowering the blade, and to modify the cutting angle by adjusting the blade angle.



## Woodworking Planer

### What is a woodworking planer?

Whether you're building cabinets, doors or furniture, it's essential to ensure a uniform thickness for each board. [Woodworking planers](#) are used to smooth rough sawn pieces and achieve a precise thickness for your boards. You can adjust the planer yourself to achieve the desired thickness.

If you need thinner lumber for a smaller project, a planer is the ideal machine for the job. A quality planer will speed up the planing process.

There are many planer models on the market, but the stationary planer remains ideal for professional woodworking for any woodworking business, such as cabinetmaking, furniture manufacturing or renovation.



## Drill Press

### What is a drill press?

The [drill press](#) is a power tool designed to drill holes in wood, metal or plastic. Drill presses use different types of drill bits to produce holes of different diameters. With a drill press, you can more easily drill precise holes, countersink or ream them, and use sanding accessories.

Unlike hand-held drills, which depend on the operator's arm strength and stability to drill a precise, clean hole, drill presses are precise by design. A rotating handle controls the descent of a rotating mechanism called a spindle (the drill bit is held in a chuck at the end of this spindle), which can only move vertically. This makes it much easier to produce perfectly accurate holes.



## Dust Collector

### What is a dust collector?

In addition to the health risks associated with inhaling this dust, it can also make the floor slippery. What's more, if it accumulates on the table or fence, it can cause inaccuracies. That's why you need a dust collector that's up to the job.

[Dust collectors](#) are equipped with a 4" to 6" diameter hose, which can remove large quantities of dust with a suction power of 1.5 horsepower or more. Most of these vacuums have two ports for collecting dust from multiple machines, and many are equipped with wheels for easy transport.

**\* If you can't find a dust collector on our website, please contact us directly in store. \***



## Wood Lathe

### What is a wood lathe?

The wood lathe is a highly specialized tool with a unique function in the woodworking industry. Its main role is to turn wood to create cylindrical, conical, circular, concave, convex shapes, as well as objects combining two or more of these shapes.

The basic operation of a wood lathe is quite simple: while the tool rotates a piece of wood on itself, the user advances the cutting edges of various wood chisels specially designed for woodturning (called turning tools) into this piece of wood to remove material and form the desired object.

**\* If you can't find a wood lathe on our website, please contact us directly in store.\***



## Jointer

### What is a jointer?

A [jointer](#) is a stationary or bench-mounted tool used to plane the faces and edges of wooden workpieces. It consists of an infeed table and an outfeed table, together forming the "bed", as well as a fence and a cutting head.

It works by placing a piece of wood with one face or edge flat on the infeed table, holding it firmly against the fence, then pushing it through the blade.

The blade then removes a thin layer of wood, making the surface perfectly flat and smooth, and squaring the angle between face and edge.

The main role of a jointer is to produce flat, perpendicular faces and edges, suitable for precise butt joints. Woodworkers use it in particular to smooth out warped or irregular boards.\*

**\* If you can't find a jointer on our website, please contact us directly in store.\***



## Panel Saw

### What is a panel saw?

A panel saw is a tool used to cut whole panels of material, mainly wood, to specific dimensions. It can move vertically or horizontally, and there are two main types: vertical panel saws, which rest on a wall, and horizontal panel saws, which have a table on which they rest.

These saws are widely used by cabinetmakers and signmakers to cut a variety of materials such as wood, plywood, plastic and aluminum.

Vertical panel saws are preferred where space is limited, as they take up little floor space. They feature fewer functions, but can be moved thanks to lockable wheels. Horizontal panel saws, on the other hand, take up more space, but generally offer more functions and computer controls.

**\* If you can't find a panel saw on our website, please contact us directly in store. \***



These machines are increasingly easy to find and affordable.

**\* If you can't find a CNC machine on our website, please contact us directly in-store.\***

## CNC Machine

### What is a CNC Machine?

CNC (Computer Numeric Control) machines have been around for many years. In simple terms, they are controlled by a computer that manages the movement of a tool, usually a router, although lathes are also commonly used. This control allows extreme precision, with movements set in thousandths of an inch or decimal millimeters. CNC machines can sculpt, cut and shape virtually anything, and one of their main advantages is that they don't require the use of jigs.

CNC machines have been widely used in industry for many years, including companies in renovation, furniture

## FAQ (Frequently Asked Question) about woodworking machinery

What is the average budget for fully equipping a professional woodworking shop?

Many contractors have asked us this question. It's virtually impossible to give an exact answer. A number of factors can influence the answer: the type of woodworking machinery you need, the brand you buy, the equipment you purchase, the accessories you add to each machine, and so on. However, you should consider a budget of several thousand dollars as a realistic calculation for properly equipping your company's machine shop.

What factors should I consider when purchasing woodworking machinery?

- **Specific requirements:** The selection of woodworking machines depends above all on specific woodworking needs. For corporate workshops and projects requiring high precision in shape and size, it's best to opt for professional-quality machines that will last longer.
- **Available workshop space:** The availability of workshop space is also a key factor to consider. Smaller workshops with restricted space will find smaller or portable woodworking machines more practical. For manufacturers and contractors, larger workshops with considerable space can easily accommodate large industrial woodworking equipment such as table saws or joinery machines.
- **Operation and maintenance:** Companies generally prefer woodworking machines that are easy to operate by one or a few people. Simplicity of operation and maintenance is essential for buyers, as it saves time in training staff and facilitates long-term maintenance.
- **Budget:** Budget is a crucial aspect when choosing woodworking machines. Although some woodworking tools can be expensive, there are affordable options, especially for used machines. However, larger industries often prioritize quality and don't let price get in the way of their purchasing decision.

What are the best brands of woodworking machinery?

There are many brands of woodworking machinery and equipment on the market. However, some companies stand out for their quality, efficiency, and durability.

Here are 4 woodworking machinery brands that have proven their worth in recent years:

- [Powermatic](#)
- Laguna Tools
- [Milwaukee Tools](#)
- Makita



I have a limited budget for woodworking machinery for our business. Which machinery should I prioritize?  
Want to equip your small business with woodworking machinery, but on a tighter budget? Here are the 5 pieces of woodworking machinery we recommend:

- Band saws
- Table saws
- Planers
- Jointers

Don't hesitate to ask our team of in-store experts for advice on making the best choice for your business (furniture manufacturing, building contractor, professional cabinetmaker).

## Any questions?

Want to learn more about woodworking machinery, our prices or our services? [Contact us](#) today by phone or e-mail! Our team of experts will be happy to answer your questions! Also benefit from our online ordering service.

Support our company and buy local! Our representative delivers by truck anywhere in northeastern New Brunswick (Shipping companies for deliveries elsewhere in Canada and New Brunswick.)

- Allardville
- Barryville
- Bathurst
- Bertrand
- Black Rock
- Burnt Church
- Campbellton
- Caraquet
- Dieppe
- Edmunston
- Fredericton
- Grande-Anse
- Lamèque Island
- Maisonnette
- Miramichi
- Moncton
- Neguac
- Pigeon
- Saint John (Saint-Jean)
- Shippagan
- Tabusintac
- Val-Comeau



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[Check map](#)

