

Buying Guide

Power Tools



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Check out the essential power tools to have in your professional workshop!

Introduction

Humans have been using tools in everyday life for millennia. In Ancient Egypt, wood chisels were used to work on sarcophagi. In Ancient Rome, carpenters developed the hand saw.

Today, increasingly sophisticated [power tools](#) have saved companies a great deal of time and energy.

Furniture Industrielle JSR is proud to present you with a buying guide for all the power tools that can make the work of your business (renovation, carpentry, cabinetmaking, garage, etc.) easier.



What are the 10 best power tools to have in a professional workshop?

Whether you're a renovation company, a furniture manufacturer, or a professional cabinetmaker, having the right tools at hand is essential. They make the job easier and faster, while helping you achieve your goals and realize your projects. We've put together a list of the 10 essential power tools you need to have on hand, whatever your line of work (renovation, construction, cabinetmaking, etc.).

Circular Saw

What is a circular saw?

A circular saw is a type of electric saw that uses a round, flat blade to make cuts in wood, metal, or plastic, depending on the blade used. It features a handle with an on/off switch, a fixing nut to hold the blade firmly in place, and safety devices to prevent the operator from touching the rotating blade.

Circular saws also feature mechanisms for adjusting cutting height, depth, and angle.

Even though they are often considered more suited to carpentry use than professional woodworking, circular saws are quite capable of making straight, clean cuts.



There are three types of circular saw blade:

- Slitting blades: These cut material lengthwise, lengthwise or across the grain.
- Cross-cutting blades: These are used to cut through the grain of the material.
- Combination blades: These blades are designed to perform both rip and cut-off cuts.

Orbital Sander

What is an orbital sander?

The orbital sander offers an advantageous alternative to manual sanding, being much faster and more efficient. Unlike belt sanders and other linear tools, conventional orbital sanders use a circular disc of abrasive sandpaper that rotates in a circle.

Although they remove material quickly, they tend to leave swirl marks that are difficult to remove. So it's best to opt for a random orbital sander. This sander performs random oscillating movements, leaving the surface of the wood smooth and unmarked. In short, the random orbital sander is the ideal tool for achieving a perfect finish on your projects.



Compound Miter Saw

What is a compound miter saw?

Compound miter saws stand out from conventional circular saws thanks to their innovative design. They use the same blade types as circular saws, such as rip, crosscut and combination saw blades, but are attached to an arm or rail.

These electric tools offer remarkable versatility and have largely replaced the traditional miter box and backsaw in many workshops. Electric miter saws enable much more precise cuts for mitering, beveling and compound angles. They are also easy to adjust, enabling standard angles to be set quickly.

All in all, these compound miter saws represent an efficient and practical solution for making high-precision cuts in a variety of projects.



Cordless / Corded Drill

What is a corded/cordless drill?

An [electric drill](#) is a power tool with a motor that drives an interchangeable bit to drill holes in wood, plastic or metal. It can also be fitted with a screwdriver bit for screwing in screws. There are many different types of drill: percussion drills, core drills and cordless drills.

Corded drills are powered by a 110-volt power cord that plugs into an electrical outlet, while cordless drills run on a battery built into the tool's handle. These cordless drills offer greater mobility, as they are not restricted by a power cord and can therefore work in places far from electrical outlets.



Jig Saw

What is a jig saw?

The jigsaw is an essential and versatile tool for beginners and professionals alike. This lightweight electric saw features a reciprocating blade specially designed for precise straight and curved cuts. Its field of application is vast, as it can cut various materials such as wood, plywood, particleboard, plastic, melamine, metal and even ceramic tiles.

Compared to a circular saw, the jigsaw offers more control, making it an ideal choice for a wide variety of cutting jobs.

In addition to straight and curved cuts, it is also capable of cross-cutting, plunge-cutting, rip-sawing and beveling.



Oscillating cutter/tool

What is an oscillating tool / cutter?

An oscillating tool is an electrical device characterized by its oscillating rather than rotating or reciprocating motion. It can be either battery- or mains-powered. The name "multi-tool" derives from its ability to perform numerous functions thanks to a variety of available accessories.

In short, using an oscillating tool couldn't be simpler. The tool rapidly vibrates a blade, scraper, or sanding pad back and forth. This action, combined with the accessory, produces a very rapid movement for cutting, scraping, or sanding. Designed for more modest applications, the multifunction tool gives its best in places where accessibility is essential.



Power Router

What is a router?

Specifically used for woodworking and cabinetmaking, the wood router is used to make cuts or "hollow out" a piece of wood, plastic, MDF or even, in some cases, metal. A router can cut grooves, make fancy edges or help you cut patterns. These patterns are generally used for decorative edges and finishes, giving your wood projects a more professional look.

In addition to cutting fancy edges on side tables and baseboards, routers can also cut impeccable grooves and rabbets. But these aren't the only cuts a router can make. Various bits can be used to create decorative frames, shoe mouldings, kitchen cabinets, doors and edges.

Nail Gun

What is a nail gun?

Also known as a nailer, a nail gun is a hammer-like device used to drive nails into wood or other materials. It is usually powered by compressed (pneumatic) air, electromagnetism, highly flammable gases such as butane or propane, or even a small explosive charge for powder-actuated tools. These nailers have largely replaced hammers as the tools of choice for builders.

There are many types of nail guns on the market: framing nailers, finishing nailers, spike nailers, parquet nailers, pin nailers, specialized nailers, etc.



Multi-function rotary tool

What is a multifunctional rotary tool?

Also known as a Dremel, multifunctional rotary tools are small devices equipped with a high-speed motor, to which different parts can be attached to perform a variety of tasks such as sharpening, sanding, drilling, cutting, polishing, engraving, and grinding.

Their remarkable versatility makes them indispensable in both the home and the workshop.

With a few basic accessories, the rotary tool will be able to perform a multitude of tasks: engraving wood and metal, making cuts in wood strips, cutting plywood panels, making cuts in thin pieces of wood and

fiberglass, cutting ceramic wall tiles, drilling metal and more!

Impact Driver

What is a percussion screwdriver?

The percussion screwdriver is an indispensable fastening tool, far lighter and easier to use than a drill. Thanks to its compact design, it is versatile and suitable for all kinds of tasks. The percussion screwdriver combines shocks with a rotating movement of the bit, enabling fasteners to be driven in with ease.

The percussion screwdriver is ideal for driving all but the shortest fasteners. It is particularly suited to driving 3" screws into wood, a difficult task for a drill, even when the hole is pre-drilled.

Percussion screwdrivers are particularly effective for driving fasteners into dense or knotty wood. They are particularly useful for construction and renovation companies.



FAQ (Frequently Asked Questions) about power tools

How much should I spend on power tools for my business?

Although this is one of the most frequently asked questions about power tools, it remains difficult to answer accurately. Several factors will influence your budget: the tools required, the brand, quality, accessories, etc.

However, if you need to equip your entire business with new power tools, and you want to have quality tools on hand, you can expect to spend several thousand dollars.

What are the factors to consider when buying power tools?

If you're looking to equip your professional workshop or business with new power tools, there are several factors to consider before making your purchases. Here are 4 factors to consider before budgeting for power tools.

- **Initial price:** When considering the purchase of power tools, it's essential to look beyond the initial cost. The real cost encompasses much more than the initial purchase price. It's crucial to take into account maintenance costs, which can vary according to each power tool. In addition, it's important to budget for the necessary accessories, as they contribute to the smooth running and efficiency of power tools. Before making a purchase, it's important to consider these additional elements.
- **Safety:** Safety is of paramount importance when handling power tools. The use of unsafe power tools can result in serious injury. That's why it's vital to be well informed before making any purchase. Consult the opinions of buyers who have had direct experience with the power tool in question. Choose independent, verifiable sources. Don't hesitate to read product descriptions carefully to learn about their safety features.

All power tools must be equipped with appropriate safety mechanisms. However, it's important to note that these are just the basics when it comes to power tool safety. A quality manufacturer will ensure that safety is a top priority. So, it's crucial to be vigilant and choose tools from reputable, reliable manufacturers to ensure safe use.

- **Cordless or electric:** Choosing an electric tool is a crucial decision. For corded models, you can choose between cordless or electric tools. Cordless models generally run on batteries, offering greater freedom of movement but less power than electric tools. For example, if you only use your tools in a workshop, corded electric tools are preferable. But if you're moving around a building site, a cordless tool will be more practical.
- **Major brands or generic brands:** when you're looking for power tools, your priority is to find quality products that are durable and suitable for intensive use, while offering good value for money, whatever the brand. With so many options available these days, thorough research is essential, given the vast and diverse power tool industry available online with just a few clicks.

If you ask contractors about their opinion of generic-brand tools, most will express negative opinions, with a few rare exceptions and lucky discoveries. Given that these tools are intended for intensive, long-term use in tough jobsite conditions, it makes sense to invest a little more in professional brands. This is especially true for the more expensive tools, as you want the quality service and support usually offered by the big brands, which will save you money on maintenance.

What are the best power tool brands on the market?

Since there are so many brands of power tools on the market, it can sometimes be difficult to find your way around. However, some of the best-known brands stand out from the rest for their high quality, efficiency and durability. We have selected for you 3 brands that have proven their worth in professional workshops over the last few years.

- [Milwaukee Tools](#)
- Makita
- DeWalt

With a tight business budget, what are the 5 essential tools to have in my workshop?

Do you want to start equipping your company's workshop, but don't have a lot of money? Certain tools are essential to get your furniture-making, renovation, or construction business off to a good start.

- Circular saw
- Electric or cordless drill and screwdriver
- Orbital sander
- Miter saw
- Nail gun

What power tool accessories are essential for a professional workshop?

Whether it's your nail gun, circular saw, multifunction power tool or electric drill, some tools need accessories to get the job done. Here are the essential accessories you need for your cordless or electric tools.

- **Batteries:** Essential for cordless tools, batteries usually come with the tool they power, such as a cordless drill.
- **Saw blades:** If you use your circular saw or miter saw, it's normal for its blade to wear out. Keep spare blades on hand for your saws. There are many different types of blades on the market: standard circular saw blades, crosscut blades, continuous edge blades, rim blades, turbo rim blades, segmented blades, abrasive blades, etc.
- **Compressed-air machine:** Compressed-air machines are used with many tools, including nail guns. They are available in a range of formats to suit your needs.
- **Router bits:** To carry out increasingly sophisticated work, particularly in carpentry and cabinetmaking, the electric router requires router bits to achieve finishes that meet your customers' requirements. Electric routers are generally sold with a certain number of bits, but there are hundreds of models on the market.
- **Protective accessories:** Whether you're in your workshop or on a construction site, the safety of your employees is paramount. Goggles, gloves, helmets, and knee protectors are essential to prevent serious injury on the job.

Any questions?

Would you like to learn more about power and cordless tools, 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.

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- Dieppe
- Edmunston
- Fredericton
- Grande-Anse
- Lamèque Island
- Maisonnette
- Miramichi
- Moncton
- Neguac
- Pigeon
- Saint John (Saint-Jean)
- Shippagan
- Tabusintac
- Val-Comeau



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[See the map](#)

