

The Best Cordless Drills in 2022

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If you are selecting the best cordless drills in 2022, you should consider your highest priorities: performance, reliability, price, value, weight, dimensions, and so forth. In this post, you will learn about the most important factors to consider when buying cordless drills, along with the best products available.

To help you make an informed decision, Linquip provides a wealth of information on drilling machines. Linquip will provide you with access to the top cordless drills available on the market right now so that you can do your job more efficiently. We explain what Linquip can do for you based on your drill's intended use on our “**What Are Drilling Machines?**” page.

Are you planning to purchase a cordless drill soon? You can find the right tool for your application with Linquip's extensive selection of **Drilling Machines Products**. To get quotes for cordless drills, you can use this Linquip platform. With our free online form, you can receive quotes from multiple **Drilling Machines Suppliers and Companies** in just a short time.

Many people may only need a cordless drill as their only power tool. Using these handy DIY tools, you can accomplish many everyday tasks around the house thanks to advances in motor and battery technology. In fact, no professional under 60 will ever use a corded

drill anymore – that’s how good cordless drills are nowadays. Additionally, cordless drills are more convenient and safer than standard high-powered power tools since there are no cables to plug in while drilling holes in the wall.

Cordless Drills Buying Guide

Cordless power drills come in a wide variety, so there are many factors to consider when selecting one. In addition to power and runtime, other features can affect user comfort and usability as well. To ensure you choose a cordless drill that best fits your needs, keep the following factors in mind.

Voltage

The voltage of a cordless drill is one of the most important things to consider. It is best to use a cordless drill with the highest voltage you can afford if you are working with steel, concrete, or brick. In order to determine the best voltage for your drill, consider how you intend to use it:

- Drills and drivers that require **less than 12 volts** are compact and lightweight tools that are ideal for those with only a limited need for a drill or driver. Hobbyists and model makers also enjoy these models.
- With **12 volts**, DIYers can drill and drive a wide range of tasks, including installing shelves and assembling furniture.
- Those with **18 or 20 volts** are powerful and versatile tools, able to drill masonry with hammer action and drive longer fixings easily.

Torque

Whenever you’re considering a cordless drill, be sure to check the torque rating. An effective cordless drill can use a certain amount of torque, measured in Newton Meters, to rotate. If you need a cordless drill capable of handling all types of materials and jobs, make sure it has the highest number possible. Higher Nm numbers should make drilling easier and more efficient. The speed of some cordless drills can also be adjusted, which allows for a variable rate depending on what you’re doing, such as screwing and drilling.

Size and Weight

Drills that are compact and lightweight are most often preferable. It reduces fatigue while working in tight spaces. The smallest, lightest drill we can find that still accomplishes the task is ideal.

Ergonomics

Having a drill that just feels right in your hands is appealing. It is undoubtedly important to balance weight. Many of us find that some brands’ handles are more comfortable in our hands than others. Take a look at several different ones when you’re at the home improvement store next time and decide what is most convenient for you.

Load Bearing Speed

It is likely to be easier to accomplish the task at hand if the cordless drill is more powerful. Your cordless drill should have as much mechanical muscle as possible.

Performance and Life of Batteries

There is nothing more frustrating than running out of power midway through a project with a cordless drill. Make sure you check the battery charge capacity, which is displayed as Ah (Amp-hours). There can be a range of 1 Ah to around 4 Ah. You should generally aim for a high Ah number. Battery life will usually be determined by how long it lasts before it needs to be recharged again.

Drill Driver and Hammer Modes

Look for a cordless drill with different modes if you intend to use it for a variety of DIY jobs at home or for professional-level projects. This can be accomplished with a screw-driving mode model. However, drilling mode is essential for making holes in things.

For drilling into concrete or breaking things up, consider hammer-action drills. In this mode, rigid surfaces are pushed through by hammering. The chisel bit makes it perfect for breaking up concrete slabs, for instance.

Additional Features

A lot of features need to be considered. Some of them may not be necessary, but they can make the process easier, less fatiguing, or safer. Our criteria are as follows:

- **Multiple speeds:** At least two speeds are essential; more is generally better
- **Kickback control:** prevents the motor from stalling if the bit binds
- **Side handle:** a must for drills with higher torque
- **Smart controls:** Facilitates inventory management, tracking, and customization
- **Brushless motor:** less maintenance, longer run time, and better performance
- **Interchangeable chucks:** Using a specialized chuck can save you from trouble
- **All-metal chuck:** better strength
- **LED light:** almost all drills come with one, but we prefer chuck-mounted lights
- **Belt hook:** handy when carrying materials or going up and down ladders, usually reversible



An overview of basic parts of a cordless drill (Reference: wonkeedonkeetools.co.uk)

Cost

In general, you get more power and performance for your money with a higher-priced power tool. Having an unlimited budget is fine. In order to choose a cordless drill, you should consider what you will use your tool for. There is little point in buying a high-powered, high-spec drill that you will never use to its full potential if it's only for occasional light use. However, it will definitely speed up and simplify jobs.

In general, you should opt for a premium cordless drill if you plan on using it regularly or if you plan on using it professionally. In the long run, it could be a wise investment.

What is the main material of your house? For most people, this is the most important factor to consider. Using a more expensive drill is definitely a good idea if you have an old brick-and-render building or an old flat with concrete walls. In modern homes, where essentially everything inside the house is plasterboard hanging from metal and concrete external frames, you'll only need a high-powered drill when you reach the interior metal parts – and to be honest, you shouldn't be drilling through them anyway.

Best Cordless Drills Reviews

Using the criteria discussed in the previous section, we present the top models of cordless drills on the market according to user reviews.

1. DEWALT 18V XR BRUSHLESS COMPACT LITHIUM-ION COMBI DRILL



DEWALT 18V XR BRUSHLESS COMPACT LITHIUM-ION COMBI DRILL (Reference: dewalt.global)

Pros & Cons

Pros

- It has a lightweight and compact design.
- Hammer action is available.
- The noise level is relatively low.

Cons

- The Manual is not great.

- Only one battery is included.

Specifications

Item Weight	1.6 Kilograms
Voltage	18 Volts
Product Dimensions	8.6 x 7.8 x 2.6 centimeters
Speed	2000 RPM
Maximum power	14.4 Watts

Dewalt tools are known for being rock solid, reliable, and aesthetically pleasing, just like this XR Brushless Compact.

You can work in tight spaces with this bit changer, as it has a quick and simple bit change, a bright white LED that lets you see what you are drilling, a steel belt hook, and a magnetic bit storage that keeps everything at your fingertips. Designed for working hard, its two-stage aluminum transmission offers long-lasting performance.

Only one battery pack is included in this version, a 4.0Ah XR Li-ion one, but functionality is gained over other Dewalt deals. There are 14 torque settings on the XR Brushless Compact, as well as a powerful hammer function for tougher jobs.

If you're driving screws, you'll need to be a bit more cautious because first gear is comparatively fast compared to most other drills.

2. Makita FD07R1 12V MAX CXT Lithium-Ion Brushless Cordless Driver



Makita FD07R1 12V MAX CXT Lithium-Ion Brushless Cordless Driver (Reference: makitatools.com)

Pros & Cons

Pros

- An adjustable clutch with 20 settings is built-in.
- The device comes with two lithium-ion batteries.
- The ergonomic grip makes it easy to hold.
- The charger and carry bag are included.

Cons

- There is short battery life.
- It's expensive.

Specifications

Item Weight	3.27 Pounds
Voltage	12 Volts
Product Dimensions	4.4 x 14.5 x 12 inches
Speed	1500 RPM
Maximum power	350 Watts

Maximum Chuck Size 10 Millimeters

The Makita drill strikes us as a lightweight, compact tool that's well suited to smaller jobs due to its compact size. Due to its 6.5-inch length and 2.3-pound weight, this drill fits comfortably into tight spots where most others can't. Makita's brushless motor gets the most out of the 12-volt lithium-ion battery power, which is enough to drill holes for hanging pictures on a wall.

Compact Makita tools come with a 20-setting clutch. There is slightly less power and torque in this Makita than the 18-volt and 20-volt cordless drills, but for a 12-volt cordless drill, this one is surprisingly powerful.

While it isn't the cheapest cordless drill, it offers good battery life and superior balance, making it ideal for most DIY projects.

3. BOSCH PSR 18 LI-2 ERGONOMIC



BOSCH PSR 18 LI-2 ERGONOMIC (Reference: [bosch-diy.com](https://www.bosch-diy.com))

Pros & Cons

Pros

- Dual grips are included.
- Twenty torque settings are available.
- Electric motors with brushless technology.

Cons

- It has only one battery.
- It has a delicate style.

Specifications

Weight	1.25 kg
No Load Speed	0-430 / 1400 RPM
Battery Power	2.5Ah
Torque	32Nm
Voltage	18 Volts
Product Dimensions	25.1 x 8.1 x 21.8 centimeters

Compared to the average cordless man drill, this dual-grip frisky bundle is 20% smaller in size as well as 10% lighter (1.1kg). Furthermore, it is ergonomically designed for optimal power transfer and less hand pain.

It's perfect for those tricky jobs requiring a bit of body weight as well as an extra hand. As opposed to traditional drills, which require you to push from behind with one hand while triggering the drill with the other, this one is operated by gripping the arched front handle and leaning in. The drill's built-in sensor shuts off the power if it detects sudden jamming – for example, hitting a steel joist or roman axe tucked behind the wallpaper – to prevent kickback and possible damage.

Also, it's the first DIY drill to use brushless e-motors that are more powerful, compact, and wear-free than current models.

Its accompanying 18-volt Lithium-Ion battery provides 2.5Ah and can be charged up to 80% in just 40 minutes.

4. BLACK+DECKER 20V MAX* Cordless Drill



BLACK+DECKER 20V MAX Cordless Drill (Reference: blackanddecker.nl)

Pros & Cons

Pros

- There is LED light on it.
- There is an adjustable speed trigger.

Cons

- Compared to more expensive options, it is heavier.
- It does not have a brushless motor.

Specifications

Weight	3.4 Pounds
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No Load Speed	650 RPM
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Maximum Power	1800 Watts
Torque	115 Inch Pounds
Voltage	20 Volts
Product Dimensions	10.63 x 3.69 x 8.5 inches

Aside from its low price, the Black & Decker 20V Max is a high-quality option that offers all the features you need. Despite its limited durability, as long as you take care of it and don't use it every day, you can use it to handle a wide variety of household tasks.

With its 11-position clutch, you can adjust it to suit your needs. For typical drilling and screwing, 650 RPM should be sufficient. For small, quick jobs, it's not too problematic since it's not as sleek or light in comparison with more expensive drills.

The bit holder located at the bottom of the handle of the Black & Decker 20V Max is useful. There's just a small cutout that lets you clip in a spare bit, but it can save you time.

5. Hitachi DB3DL2 Power Cordless Screwdriver Kit



Hitachi DB3DL2 Power Cordless Screwdriver Kit (Reference: [hitachi.com](https://www.hitachi.com))

Pros & Cons

Pros

- Having the ability to turn the LED light on and off is a nice feature.
- You can use the tool in smaller spaces thanks to the dual-position handle.
- The ergonomically designed handle provides a great deal of comfort.
- The tool is ideal for small screws, electronic applications, cabinetry, etc.

Cons

Nothing wrong really stands out about this screwdriver, and nothing to complain about.

Specifications

Weight	0.9 Pounds
Maximum Chuck Size	6.35 Millimeters
Maximum Power	850 Watts
Voltage	3.6 Volts
Product Dimensions	8.27 x 1.8 x 5.28 inches

A dual-position handle on the Hitachi cordless screwdriver allows it to be switched between straight and pistol positions to maximize versatility. A lithium-ion battery gives it a life of three times longer than a standard battery for cordless screwdrivers. Quick bit changes are possible with the quarter-inch hex chuck.

With a length of less than 11 inches and a weight of one pound, this is a compact and lightweight design. You'll be able to illuminate your work area with the built-in LED light. There is a lifetime warranty on the tool and a two-year warranty on the battery on the Hitachi cordless screwdriver.

6. Milwaukee M18 FUEL 1/2 in. Hammer Drill



Milwaukee 2804-20 M18 FUEL 1/2 in. Hammer Drill (Reference: [milwaukee-tool.com](https://www.milwaukee-tool.com))

Pros & Cons

Pros

- It has a collar with multiple functions.
- A 14-position clutch and a 12-inch chuck are included.
- The side handle and belt hook are built-in.

Cons

- The construction is heavy.
- It does not include a battery or charger.

Specifications

Weight	4.5 Pounds
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Maximum Chuck Size	6.35 Millimeters
Maximum Power	800 Watts
Torque	Max: 1200
Product Dimensions	5 x 9 x 11 inches

A cordless Milwaukee hammer drill delivers the kind of power that was previously only available with corded drills. The multifunction collar lets us select between drilling, driving, and hammering. With the 14-setting clutch, we can switch between large fasteners in hardwood and smaller fasteners in pine with just the right level of sensitivity. The tool's battery power and versatility are also reflected in its 12-inch chuck.

Due to this drill's heavy torque, it is helpful to have a support arm to help control it. The arm is plastic and steel, but it's pretty rugged.

Because this product is sold as a "tool only," it does not come with a battery or charger. Almost an hour of continuous use is possible with a well-worn 5.0-amp-hour 18-volt battery from another cordless tool. When equipped with a new 5.0-amp-hour battery or a 6.0-amp-hour battery, this cordless drill will be more powerful than most DIYers need.

7. WORX WX372.1 Cordless impact drill



WORX WX372.1 Cordless impact drill (Reference: eu.worx.com)

Pros & Cons

Pros

- The battery is a 20v lithium-ion.
- The torque is 50Nm.
- The chuck has a keyless operation.

Cons

- The brand is considered sub-premium.
- It is not intended for professional use.
- It is soft to use a double bit.

Specifications

Weight	1.6 Kilogram
Voltage	20 volts
Maximum Power	40 watts
Torque	50 Nm
Speed	0-550 / 0-1800 RPM
Product Dimensions	10.7 x 35.7 x 30.3 centimeters

It's not just powerful; it's also pretty awesome looking, featuring chunky rubber grips and an orange and black color scheme.

Powered by a 20v lithium-ion battery pack, the motor has a torque of 50Nm, which is sufficient for most drilling tasks. You can swap drill bits on the fly with the keyless chuck and shaft lock and don't have to worry because the latest battery tech doesn't self-discharge.

The warranty on all Worx tools is a standard 3-year one, but overall they are still quite affordable. There are "over 150 accessories" included in this package, along with a spare battery.

8. AVID POWER 12V Cordless Drill



AVID POWER 12V Cordless Drill (Reference: avidpowertool.com)

Pros & Cons

Pros

- It has a brush motor design.
- With a 3/8-inch keyless chuck and a 15-position clutch, this is an excellent tool.
- The kit includes 22 pieces as well as a charger.
- There is an affordable price point for this product.

Cons

- Battery life has been reported to be an issue by some users.
- The flexible shaft does not work very well in this case.

Specifications

Weight	2 Pounds
Voltage	12 Volts
Maximum Power	200 Watts
Torque	277 Inch Pounds
Speed	1250 RPM
Product Dimensions	9 x 2.9 x 8.6 inches

This cordless drill weighs just 2 pounds, making it very lightweight. In spite of this, it feels solid in hand, and its power and torque are decent for a 12-volt tool. During continuous drilling for more than 30 minutes, the battery doesn't die even after drilling into pine and ash.

As a concept, it's pretty neat since you can attach the shaft to the drill's chuck and then insert a screw tip to access places that are hard to reach. Some testers, however, reported that the magnetic tip was not strong enough to hold the screw bit in place, and the screw bit kept falling out. It is also challenging to bend the shaft in an optimal configuration due to its stiffness.

Due to its ability to stand alone, the Avid Power drill is sufficient for most home drilling and driving needs.

A 3/8-inch keyless chuck and two-speed ranges make the Avid Power drill versatile. Additionally, the drill comes with a helpful work light and a 15-setting clutch with good sensitivity. There are plenty of DIYers or RV owners out there who would appreciate this kit as an addition to their toolbox.
