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Troy bilt 27 ton log splitter

Anyone who has spent several hours chopping wood with an axe will appreciate the strength and ease of a good log splitter. They are not only faster – and more accurate than most of us – but they are also safer. There's a lot of possibilities. There are commercial logo splitters you can drag around the fields, and use to turn felled trees into valuable firewood. You can find homeowner models that will quickly reduce your log pile of usable pieces, and are compact enough to tuck into the corner of the garage. But how to choose the right one? That's where BestReviews comes in. Our job is to explore the market and bring you the best possible advice to help you decide. We have our own testing facility where each machine can go through its steps. We do field tests and talk to professionals, so we have all angles. Most importantly, we are independent. We never take samples from manufacturers, so you're sure you have honest results. We recommend five log splitters in our product list after assessing dozens of competitors. Each of them offers a number of features that suit different owners. If you'd like to take a closer look at the available options and the various elements that determine the best log splitter for your needs, read the following report. How the log splitter worksAll the splitters covered by our research use the same principle: a hydraulic battering ram forces a log against a metal wedge. The wedge doesn't actually cut wood – it's not really sharp at all – but the force of the acting hydraulics divides the log very effectively. There are a number of variations of this basic idea, so let's look at your options. For your safetyAlceters with a handler on flat ground. The dry area is the best, so there is no risk of you slipping anywhere near the machine. STAFFBestReviewsAlthough quite a basic machine, there are a few things to think about when choosing a log splitter:Power sourceMixable powerCapacity and flexibilityNext considerationsImmid sourcesThere are three ways to power the log splitter: manually, with an electric motor, or with a gas engine. Manual log dividers May be surprised to see this underpowered log splitter option, but it's a viable alternative with a number of benefits. Pros: They are cheap to buy, and nothing costs to run. The hydraulic mechanism is simple – it's similar to a car jack. It's very easy to use, and requires less strength than you might think (you don't need huge biceps). It's pretty quiet in here. It's very portable. It'll help keep you in shape. It's a method that warms you up twice: once when you split the wood, and again when you burn it! Cons: It's pretty slow. This requires some effort, so it is not an easy choice that other energy sources offer. For your safetyIt's a good idea to run an electric log splitter via GFCI (Ground Fault Circuit Interrupter). In the case of Short circuit it kills too much so you don't get an electric shock. STAFFBestReviewsElectric log splittersElectric motors offer a number of advantages: They are cheap to operate and require little or no maintenance. They're relatively quiet. They can be used outdoors or indoors. Cons: Where you can use them is limited by the need for an electric cable. They're fine in your backyard or garage, but you can't take them out in the field. They don't produce as much energy as gas engines. For your safety It is best not to run the electric splitter through the extension cord, but sometimes necessary. Make sure you have the right gauge. If the cable heats up, it is too thin and can cause a fire. STAFFBestReviewsGas log splittersThe big advantage of gas engines are: Very wide range - from homeowners models to commercial machines. Potential for extremely high performance. They are robust and durable. You can use them anywhere. Cons: Compared to electric or manual splitter, they are very noisy. They require regular maintenance. Gas energy usually comes with higher operating costs. You must transport flammable fuel. For your safety If your gas splitter is not used for a month or more, drain the fuel. STAFFBestReviews's tempting to look at engine capacity as a guide for power distribution (listed in tons), but it's only part of the equation. In our evaluations, we focused on a range of electric motors with comparable performance. Most of them are 15 amp, 2 hp models. Yet the distribution of power ranged between four and seven tons – and that's what's really doing the job. The differences when it comes to gas-powered log splitters may be even greater, but there's also a much wider range of engines: anywhere from 80 ccm to more than 200 ccm. Splitting force is increased from 7 tons to 25 tons. When selecting a protocol splitter, it is important not to assume. You need to consider the full specifications, not just the individual aspects. Interestingly, our preferred hand splitter creates a maximum splitting force of ten tons. This is more than some models cost five times as much! Capacity and flexibilityMroby usually give the maximum length and diameter of the log. The length is fixed with the bed of the machine. The logs are often cut to 18 long, and most models outnumber it comfortably. The diameter of the log varies from machine to machine, depending on the height of the drive plate and wedge. It is possible to attach larger protocols than specified, but it is not recommended. It is potentially dangerous because the trunk can suddenly be thrown up. Some machines can be used horizontally or vertically, which provides more flexibility. Using a log divider vertically is useful if you have large protocols that are difficult to pick up. You can roll the log up to the machine, then tilt it into position. It's also a slightly faster method favored by teams for two people working in the field. Even if it is A feature of the stronger, gas log splitters, there are several large electric models that have capabilities. They tend to be more expensive than equivalent gas models. Another considerationWork cycle or cycle time is how long it takes for the machine to be ready again after the log split. Homeowners models often don't quote it because it's not very important, but commercial class machines have auto-return systems, and are ready for the next log in 20 seconds or less. Portability is important whether you're moving across a yard or a few miles away. Handles and wheels are always useful. Large models are designed for towing for an ATV or lawn tractor, and the largest can take to the road. If you need this kind of splitter, it is important to check that the tires are legal and that the machine complies with all the necessary legislation. Smaller electric splitters, designed for use in the yard and garage, are often quite low to the ground. While this makes loading logs easy, it causes some users back pain. Foot sets are available for some that increase the log divider to a more comfortable working height. The cradles in the logs prevent logs from falling to the floor – and possibly toes – after splitting. These machines can withstand extreme voltages, so it's important that they're robust. Look for large sections of pipe, and thick steel sheet. Light weight is not a priority. The warranty period is also a good indicator, and we are looking for a minimum of two years. How much do good log splitters cost? Manual protocol dividers, both horizontal and vertical, cost between \$100 and \$200. You can pay similar money for a top axe, but the log splitter will do the job faster and safer. Good electric log splitters are all similarly priced, between \$300 and \$400. The main difference here is the splitting force, and you should find a strong, reliable five or six ton model in this console. Gas trunk hubs cover a much larger range. These are hard, extremely capable tools and even the smallest ones are built for a lifetime of hard work. As a result, prices are higher, starting at around \$650 and rising to more than \$1,000 per 25-ton model. For your safetySome large log splitters require assembly. Components can be hard, so get a friend to help. STAFFBestReviewsLare gas log splitters always have some kind of tow hanger. If you are taking it on the highway, check that the tires are DOT approved. Flavored logs - those that were allowed to dry naturally - burn longer and give more heat. They are also easier to divide. However, if you can split them green (freshly cut), you expose more air surfaces and they will taste faster. This requires considerable power, so some low-energy electric splitters could be in trouble. Whenever possible, use square-end protocols on the log splitter. Protocols with angular or uneven can be pushed out of the way. If this happens, try turning the protocol in the opposite direction. If that doesn't work, cut the ends or drop the log. Never try to hold the logo in place with your hand or foot. If it suddenly splits, you won't react quickly enough to get out of the way, and you could easily end up with broken bones. Which is best, electric splitter or gas?A. Gas log splitters are extremely powerful and can go anywhere. They are also big, heavy and loud. Electric splitters move easily around the yard and you can use them in the garage if it rains. However, they are not so strong and you need to be close to a suitable electrical outlet. At the end of the day, it's very much a question of matching the machine to your personal needs. If you look at each of the parts in the log splitter review above and decide which features are most important, you should end up with the exact description of the log splitter you need. One of the models in our product list can be perfect!Q. Do powered splitters require a lot of maintenance?A. Depends on the type. In the case of electric splitters, the only requirement is to recharge or replace the hydraulic fluid from time to time. With gas splitters you have the usual maintenance required with any gas engine; such as checking filters, spark candles and oil levels. It's nothing particularly difficult or difficult. Follow the manufacturer's instructions to ensure maximum life of your device.Q. What safety equipment do I need when using the log splitter?A. You should always wear gloves to protect yourself from chips and ensure a good grip on the machine's logs and controls. Wear glasses or goggles to protect yourself from small pieces of wood that might suddenly break off. Sturdy shoes should be worn, preferably with steel fingers. Dropping a log on your foot is no fun. Gas splitters can be noisy, so protecting your ears is also a good idea. Idea.