

Great tips on homesteading, frugal living, and self reliance.



Organic Gardening and Homesteading

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The Grain Mill is an Essential Homesteading Appliance

The grain mill is an essential part of the homestead kitchen. If you don't have one of these nifty little tools, you're not only missing out on some of the most fabulous-tasting flour ever, you're also missing out on the best nutrition out there.

What Do They Do?

A grain mill makes flour out of not only wheat, but also other grains such as oats, kamut, rye and triticale. It will also make flour out of legumes, such as lentils and other beans.

Why You Need One

We're talking serious nutrition here. The flour you buy in the store – even the whole wheat kind – is dead. Once ground, wheat loses all of its nutrients within 12 hours. Ground wheat left out longer than a week will even become toxic (always either freeze your freshly ground flour or better still, grind just enough for your daily use). To combat this, manufacturers will add preservatives and vitamins to store-bought flour and breads. These preservatives wind up in your body and stay there for a long time. You can avoid these scary chemicals by [grinding your own fresh flour in your own grain mill at home](#) to make your own delicious [bread](#). Besides, wouldn't it make more sense to get all of those great nutrients right up front by grinding your flour fresh daily?

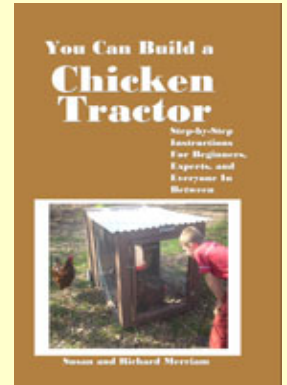
The Different Mills Available

When considering a grain mill to purchase, you have the choice between a grinder that runs on electricity or one you work by hand. Obviously, the electric grain mill is easier to use, but a hand mill would be useful to have when the power goes out, or if you choose to go off grid. If you plan to stock up on [bulk grains](#) – and I highly recommend you do – it would be wise to invest in a hand-operated mill as well as an electric one. Different mills use three different ways to convert your grains into flour:



- Stone
- Burr

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- Impact

I'll discuss each type.

Older Than the Hills - The Stone Grinder

The technique of grinding wheat between two stones has been around for centuries, and until recently, it was the only way. Rub one stone against another, stationary stone and voila! You get flour.

Until a few years ago, the grinding stones were about two or three feet across and incredibly heavy. They were turned either by water, windmills, animals or people unfortunate enough to be dragged into this kind of work – usually slaves.

Nowadays, the stones are stones at all, but instead an incredibly hard material about three inches in diameter. It makes the grinder lighter – relatively speaking.

The nice thing about a stone grain mill is it will last a long time. Unlike the impact grinders (like mine – see the picture below), a stone grinder can be adjusted to different settings, such as cracked wheat or fine flour. Also, it is much safer to use with wheat that hasn't been completely cleaned of small, grain-sized stones and bits of metal. If you plan to grow and harvest your own wheat, the stone grinder is probably the option for you.

The downside of stone grinders is they are larger and bulkier and grind more slowly. Also, you shouldn't grind seeds or nuts with these as the stones will become "loaded" and not work.

The Burr Grinder

The burr grinder uses steel teeth that grind the grain into flour. On the plus side, you can use these to grind oil bearing seeds, unlike the stone or impact grinders.

On the downside, it won't grind as finely as a stone grinder – although the grind is fairly close.

The Back to Basics Grinder is an excellent hand-operated burr grinder.

Impact Grinders

These use blades placed in circular rows on metal wheels. The wheels are aligned so the blades mesh together, running extremely close, but never touching. Running at an incredibly fast speed, the two wheels crush the grain and convert it into flour.

The nice thing about these mills is they are very light and will fit just about anywhere. I have an impact grinder, a K-Tec Kitchen Mill. It weighs only eight pounds, and is light enough that I can lift it with one hand.



On the downside, the blades are fragile, and small rocks or pieces of metal can damage the wheels. If you have an impact grain mill, be sure to use only grain that has been well-cleaned (for example, commercially purchased grain).

You won't be able to crack wheat with an impact grain mill, and let's be frank: they're noisy little cusses, but for the price, they can't be beat.

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Build Your Own Chicken Tractor!

You Can Build a Chicken Tractor

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Susan and Richard Merriam

You Can Build a Chicken Tractor Provides you with step-by-step instructions on how to build a chicken tractor and also provides helpful information on how to get free wood and how your chickens can pay for themselves.

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