



Titan Ready USA®

Integrity is not optional, it's expected.



Heirloom quality products that add safety and simplicity to your life.

- **H.E.R.C. Oven™ (Home Emergency Radiant Cooking)- cook anything, anytime, anywhere.**
- **Helius™ Rocket Stove - portable wood stove fueled by anything big enough to feed everyone.**
- **Hydrant Water Storage Rack System™ - simple, secure, potable water storage system.**

overview



Founded in 2012, Titan Ready USA is known worldwide for alternative cooking. Based in Newberg, Oregon, Titan Ready USA is a pioneer in the design, development and manufacture of problem solving innovations and inventions. Well known for our ability to cook with paraffin wax (yielding results like a conventional oven) and our ability to cook large scale (or even forge metal) using readily available biomass. Titan Ready USA is an up and coming contender in its industry.

- 5 years in business.
- 3 products to market.
- 0 returns on product.

history

Prototype of the Hydrant Water Storage System

January 2012

Titan Ready Water, LLC was founded

March 2012

USPTO
Reg. No. 4,449,952

December 2013

H.E.R.C. (Home Emergency Radiant Cooking) Oven was invented and taken to market.

November 2013

Heliuss Rocket Stove was designed and taken to market.

February 2014

100%
ownership

FIRST

person in 5000 years to market a cooking device using candles.

finding solutions

Cooking outside in an emergency situation is hazardous. Even if weather permits, you will become prey to people or other animals.

Needed an alternative fuel source that would be easy to find, not be hoarded, get hot enough to cook with and not hazardous to have around.

Paraffin wax gets complete combustion indoors at 350-400°. In the form of tea light candles they solved all the problems other emergency cooking devices posed. Additionally, tea lights are easier and more compact to store and double as a light source.

The Helius is made with heavy duty materials and less moving parts. Able to adjust heat temp so you can do a small job like boil coffee or big job like pressure cook and can your food. It's the only rocket stove that can cook as long as needed because of the trapdoor designed to release coals and ash.

In an emergency you must be able to cook all your perishable food quickly, then preserve it. Rocket stoves on the market were not robust enough and could only be used for 90 minutes max.



The Hydrant Water Storage System has a smaller footprint than other water storage because it is stackable. This also allows the barrels to be placed on their sides and gravity to control the flow of water. Using a turn valve and hose, people from all walks of life can easily access and rotate their water storage supply.

Typical water storage takes up a lot of space and requires using a pump making it difficult for people of all ages to access. Additionally, FEMA guidelines require 6 month rotation of water storage which means you have to dump out your heavy barrels or pump it out.



reviews



Hydrant Water Storage System - This system offers far more than just convenience. I've wanted this system for a LONG time b/c it (obviously) makes water rotation a LOT easier. But I finally realized that it does a lot more than that. This system keeps you water CLEAN. There is no need to introduce a possibly contaminated pump into it to get the water out. Why store water if you can't keep it clean? Also, anyone (even kids and the elderly) can access water from this system. If I was not able to help my young kids, they couldn't get water out of a regular barrel with a siphon pump. My grandmother who lives alone couldn't either. But they could use this system. It is just smart! It did take a bit of work to put together. It took me about an hour and 15 minutes to put it all together. You do have to follow the instructions EXACTLY (and email if you have any questions) so that it doesn't leak. But once it is all set up, all your work is DONE! Adding water and emptying it couldn't be easier. I highly recommend this to anyone.

Reviewed by: Misty from Utah. 6/17/2015



The Helius is a must if you are serious about being prepared.

I have had my Helius for almost a year now and I am blown away with the quality and design!

I bought it for myself originally but have since been using it on all of my scouting camp outs. It has been so nice not having to haul around the propane tank and camp stove, just throw this in the back of your truck and have the boys collect some sticks and you're off cooking in minutes. Personally just having this in my preparedness kit I feel confident I can cook for my family, boil water, or even pressure can, if needed. This thing is built like a tank, well worth the money in my opinion.

Reviewed by: Bryan B. from Utah. 3/16/2016

Our reviewers have consistently agreed that the HERC Oven produces better baked goods than their conventional and gas ovens.



Bakes as good as my gas oven.

When I got my HERC oven I wanted to really put it to the test! Left it out for a couple of months and every time I had something to bake in my regular gas oven I also baked a portion in my HERC oven! Casseroles, potatoes, cupcakes, cookies, cereals, stratas, chicken, roasts and more! Dehydrated items like jerky, soaked and dried nuts, fruit leather etc I did at half candle power! Something I would need to do in a true emergency situation when my electric dehydrators would be powerless. I even baked two small Cheesecakes for my son's birthday just so we could see how the HERC handled it. We actually think the HERC did a slightly better job and the cheese cake was ever so, perhaps, a tiny bit moister! I had to adjust baking times for some things but usually less than 30 minutes and that's pretty darn good for a few candles that just cost me a few pennies and all in the comfort of my kitchen! Through our rainy cold winters in Oregon, that perk was totally a huge plus!!

Reviewed by: Sally F. from Beaverton, Oregon. 5/2/2015

The HERC XXL Oven deserves every bit of praise that it gets. It is excellent quality, and the design and functioning of the oven has really been thought through. We baked cookies first, and they were better than the ones in our normal oven, softer and not as dry, but still fully cooked - very soft and delicious. It made me realize that cookies get dried out a lot when cooking in a regular oven - but not with the HERC XXL Oven. They were just right. So then I tried something a little more challenging; I made my wife's birthday cake, which was a chocolate cake in a bundt cake mold in the HERC XXL oven. It turned out amazing. It was one of the most evenly cooked, moist cakes I've ever had. I don't know why but 'natural heat' seems to make a big positive difference in cooking, things that absorb heat from flames or ceramic/radiant heat. And this is nowhere on display better than with the HERC XXL oven. Given the small candle flames, it cooks evenly and the terra cotta stones then distribute the heat very evenly and gently, providing a consistent temperature throughout the oven and over the cooking time. I look for opportunities to cook in the HERC Oven, over our normal oven, simply because it does such a good job.

Reviewed by: Porter from Utah. 6/28/2015



future forward



Future projects...

At Titan Ready USA, we don't design products, we design solutions. We strive to develop positive relationships with our customers, allowing us to keep our finger on the pulse of any opportunities to improve upon similar products in the marketplace. We solve problems adding benefits and innovative features; and we like to think we do it with style. With an out-of-the-box approach we have found solutions to problems plaguing the thermal electric generation concept. By pulling existing technology from other industries we have the ability to take thermal electric generation from concept to market with minimal expenditure and in record setting times.



Owner of Titan Ready USA, Kris Johnson, has been innovating since he was a kid. In his elementary school years, he built elaborate tree houses incorporating gussets into them without even knowing what a gusset was. Kris inherently knew that the triangle shape would add more support to his structure. As a high schooler he went on to build bridges and solidified his passion for industrial design. Born to a family with engineer minds on both sides, Kris is blessed with an innate knowledge of how things are built and how to make them work better. Using a whole-brain approach throughout the conceptual and design stages of R&D, he is simultaneously taking practical logistics into account for the business and production aspects.



Titan Ready USA®

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A few of our partners:



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