

What are agsol solar-powered mills?

The Agsol Solar-Powered Mills are a collection of agro-processing machines designed to process a range of dried cereals and tubers. Their machines are available in both DC and AC formats. The mills have zero fuel cost, and are designed to serve from the household to community level. The product is designed, manufactured, and distributed by Agsol.

What is agsol micromill?

At the heart of Agsol engineering is an understanding and commitment to the needs of off-grid farming communities. Agsol's MicroMill is a modern, clean, adaptable and aspirational alternative to diesel mills, AC electric mills or manual processing.

What is agsol agro-processing?

From idea, to product design, manufacture and commercial sales, Agsol is driven to deliver unique and life-changing solar powered agro-processing machines. Expertly designed and engineered for off-grid environments in emerging markets, they are a commercial solution for the world's poorest farmers and a catalyst for universal energy access.

What is a solar powered mill?

The Agsol Solar-Powered Mill is a solar-powered system used to process a variety of crops including maize, cassava, sorghum, and millet. The Agsol Solar-Powered Mills are a collection of agro-processing machines designed to process a range of dried cereals and tubers. Their machines are available in both DC and AC formats.

Where is agsol manufactured?

The product is designed, manufactured, and distributed by Agsol. The product is designed in Australia, manufactured in Dongguan, China, and distributed through the head office located in Nairobi, Kenya. This product is distributed by the manufacturer.

Are agsol machines green for life?

Agsol machines are green for life. Powered by solar and built for longevity, they replace the use of diesel and off-set the use of other fossil fuels, disposable batteries and cooking fuels. Who knew that Australian Prime Minister, Malcolm Turnbull, would be such a good rice miller?

team undertook functional laboratory testing of the Agsol Gen2 mill to understand and iterate on the existing technology prior to field testing. Ten mills were deployed to in-country partners ...

Enter Agsol, Efficiency for Access Research and Development Fund grantee, which has developed the MicroMill, a solar-powered alternative. Its latest version, MicroMill v2, is up to ...

realities set solar milling apart from practically every other solar powered product and appliance that has been brought to market. Solar milling is complicated on many fronts and requires new ...

This is because small agricultural machines are never designed for efficiency, and require oversized and expensive solar systems to run them. Agsol established itself in Kenya in 2018 and has been striving towards making the most efficient ...

So we know a single household-level machine doesn't make sense. Our machine is designed to serve 50-150 households. From a tech point of view, our mill could run 24/7. What we want to ...

Our super-efficient MicroMill can be powered from solar, mini-grid, grid or e-bike. It can process grains like maize, sorghum and millet, or tubers like cassava. 70% more profitable than a diesel mill in solar format. 2.5x more efficient than other ...

And best of all, by emitting no fumes at all, the solar mill is 100% climate friendly, in complete contrast to the standard diesel mills. Source: Agsol (personal communication, 2021 - based ...

By Lisa Kahuthu, CLASP -- Efficiency for Access Co-Secretariat. The Efficiency for Access team spoke to Wilfred Muriithi, an Agsol solar mill owner in Kenya, to learn more ...

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