



*Custom designed stove jig*

## Stove-Factory-in-a-Box

Each Stove-Factory-in-a-Box comes in a shipping container packed with all the tools and equipment necessary to manufacture stoves anywhere in the world. Local production reduces costs, empowers the development of successful businesses, creates desperately needed jobs, allows for local stove maintenance, and expands the reach of our high-quality stoves. Pre-manufacturing of critical components in the US allows for most of the assembly to be done as "semi-skilled" labor with quality control mechanisms built into every step.

Our first Stove Factory opened in Afikpo, Nigeria, in 2013, and now produces 10 stoves per day.

InStove is a collaborative organization and relies on multi-agency partnerships for factory success. We are currently in negotiations to open factories in Ethiopia, Ghana, Haiti, Kenya, Senegal, Uganda, and Zambia.

### Attributes

- **Proven** – Successful factory operating in Nigeria
- **Rapid deployment** – Installation, factory setup and worker training can be completed in one month
- **Robust toolset** – Simple technology and minimal use of power ensure low-cost, reliable production
- **Exacting quality control** – Laser-cut parts formed and assembled on specially-designed jigs ensure all stoves built to the same critical 1mm tolerances as those built in the United States
- **Locally operated** – Factories managed and staffed with local talent

### Specifications

- **Order lead time** – Within 120 days of order placement
- **Container** – Complete set of factory tools and all parts for 150-200 stoves fits in a high volume 40' shipping container
- **Training** – Stove-builder training available at our Oregon facility, or in country
- **Business models** – We are exploring a variety of possibilities for production partnerships – from licensing agreements to subsidiaries



*Worker training session with our partners in Nigeria*



*Production of the first Stove-Factory-in-a-Box stoves*