

# TINYTECH PLANTS

## COMMITTED TO TECHNOLOGY FOR LOCAL ECONOMIES IN INDIA

[Tinytech Plants](#), an innovative enterprise focused on the development of technologies to enhance local economies, continues to record a great success in India and internationally.

In 2020 Tinytech Plants is pioneer in manufacturing 36 machineries, plants and renewable energy equipment for rural development, with costumers in India and 122 countries of the world.

Established in 1983 in Rajkot (Gujarat State) by the mechanical engineer V.K.Desai, this innovative enterprise is [inspired by Gandhi's views](#) on the changes needed in the relationships between technology, industrialization and development of societies. The founder of Tinytech Plants and the current Director Gopal Desai work in view of promoting tiny enterprises in various industrial fields, supporting a decentralized economy through appropriate technologies that generate local self-reliance, economic growth, employment and income for local people.

The first machine created by Tinytech, for example, the tiny oil mill, makes possible to crush any type of seeds and nuts to produce oil, allowing small producers in rural areas to generate a local production chain, reducing in this way their dependence from large companies and intermediary services.

Over the years this innovative enterprise has expanded the field of activities to include more than 36 products for rural development. Each product presented in the Tinytech website, is described with an information sheet that allows interested contact partners to know the technical characteristics and evaluate the possible interest for their own activities:

- [Oil Mill Machinery](#)
- [Seed Processing Machinery](#)
- [Tinytech Oil Mills](#)
- [Specialized Plants](#)
- [Food Processing Machinery](#)
- [Renewable Energy Equipments](#)

All these products are based on the approach that drives the company's work. [The main objectives of Tinytech](#) are to design and develop appropriate & intermediate technology for the local industries related to basic needs of the people; to promote tiny enterprises in various industrial fields, particularly for agricultural processing activities making available various chemical free natural products; to promote small sized industrial plants using local raw materials, building productive chains capable of responding to the demands of the local and national market.



All these machines are designed and manufactured by highly skilled and experienced professionals. The products are appreciated for their features like: easy to use, low maintenance, crack resistance, long service life and lightweight, affordable costs for small associated producers.

The Tinytech Plants company, from its origins, has turned to producers, farmers, small businesses and promoters of economic processes in rural areas of India and other countries. The needs expressed by these actors were taken into account in the creation and design of the machines. Thanks to the quality of the products and their compliance with the mechanization needs of rural areas, not only in India but in many other countries, the machinery export business has grown over time. The tiny oil mills, for example, is currently exported in 119 countries of the world.

More than 800 entrepreneurs and rural development agents from Asia, Africa and Latin America visited the Tinytech Plant in the Gujarat State to learn about their products and establish partnerships. The company has also made a large investment in producing and promoting the catalogue of products through the website. These catalogues are also disseminated by other organizations nationally and internationally.

Production techniques and user-friendly range of products of Tiny Tech Plant have been recognized by the following international organizations: World Bank published the article *A little company with big ideas*, in their magazine Bank's world in July 1991 issue; UN-ESCAP - *Asian and Pacific Centre for Transfer of Technology* presented the tiny oil mill in their book *100 selected technologies from Asia and Pacific*; the Intermediate Technology Development Group (ITDG), United Kingdom, purchased 28 tiny oil mills from Tinytech and established them in Zimbabwe, also publishing an evaluation report of the project; FAKT German NGO, with the help of GATE and GTZ, put in place a free of cost technical collaboration with Tinytech, to upgrade the oil expeller technology, also publishing a report on oil processing at village scale.

The Tinytech's web site offers an overview of the different types of products already designed, allowing to evaluate their potential usefulness in different contexts. The experience of Tinytech Plants is a success story that can inspire other companies, professionals and institutions to invest in the relevant challenge of designing technologies, machinery and facilities offering rural population the opportunity to improve their local economies in a sustainable way.

### To know more

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