

Tinytech Plants working to promote tiny enterprises through steam engines and solar concentrators

In the Gujarat State (north western India), birthplace of Karamchand Gandhi, the mechanical engineer [V. K. Desai](#) founded the small enterprise [Tinytech Plants](#) which is focused on the development of small and simple technologies to create and enhance local economy. Desai launched an appeal to engineers to make a tiny-enterprises revolution in various industrial fields.

Tinytech Plants has been internationally appreciated for its activity. With 1670 machines sold in more than one hundred countries in the world (746 in India), Tinytech has designed several products for rural development based on the use of renewable energy, like solar and wind energy, biogas and human energy (hand-wheel generator). There are three Tinytech factories: in the first one tiny oil mill machinery are manufactured; in the second one energy equipments are developed, such as solar cookers, wind mills and steam engines; in the third factory renewable energy products are manufactured.

The strength of this small sized industrial plant consists in its focus on the peculiarity of small rural villages in the world. Tinytech supports the development of systems based on the use of alternative natural sources already existing in the territory. These resources are converted into energy by simple but effective machines like [steam engines](#) or [solar concentrators](#) made by mirrors, which collect sunshine energy and convert it into mechanical energy using steam engines. This makes us think about the widespread use of some modern systems considered sustainable, such as silicon solar panels, when the use of simpler systems could be cheaper and more effective.

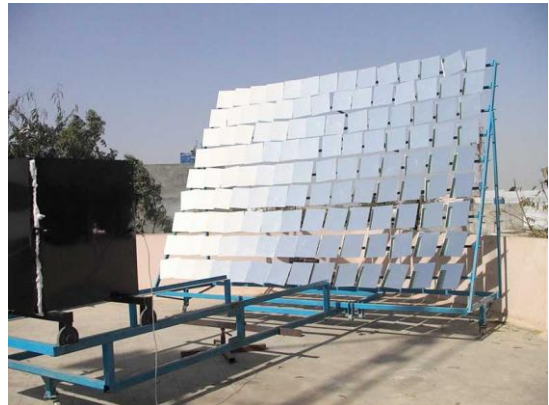
An innovation that widely attracted the public's attention is the [Tiny oil mill machinery](#). It makes possible to crush any type of seed and nut to produce oil, allowing small villages in rural areas to have their own production and reducing in this way the dependency, the production chain and consequently the transportation costs.

To know more

[Tinytech Plants website](#)

[Tinytech Plants export unit](#)

[Steam engines system](#)



[International publication about Tinytech Plant](#)

[Video on steam engines](#)

[Tinytech Exporters India](#)

