

# CHANGO MICROTRACTOR

## TECHNOLOGY



**Chango** is a micro-tractor with two forward gears and an independent power take-off. It is equipped with a 6.5 HP engine, and its functional units are entirely made in Argentina. The multipurpose equipment was designed to mechanize both stationary tasks, such as operating grinders or pumps, and dynamic tasks, including transportation, storage, fertilizer and water application, soil preparation and conservation, sowing, harvesting, and post-harvesting, among others.

The innovation of the micro-tractor is based on a versatile power unit with low acquisition and operation costs, as it consumes a maximum of 4.5 liters of fuel per hour. Among its advantages, the single-wheel configuration allows for adapting to diverse kinds of tasks without issues in alignment. In addition, the engine and most of the transmission components are placed inside the single wheel. The chassis design facilitates the location of both a front and rear tool bar, both adjustable in height, where different agricultural implements can be hitched.

## ADVANTAGES



1. Versatile power unit.
2. Easy maintenance.
3. Low acquisition cost.
4. Very low operating cost.



## CERTIFICATION AND MARKETING



### State of the Technology: TRL 9

Within the framework of the Tractor Commission of the Argentine Institute for Standardization and Certification IRAM, standard 8076-3 was developed and published in October 2021.

Marketed by: INTEA S.A.



## WORKGROUP



- Research team of the Institute for Research and Technological Development for Family Farming (IPAF) Pampas Region
- Rural Engineering Institute
- Ascasubi Agricultural Experimental Station

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## KEYWORDS

- #multipurpose machinery
- #small farmers
- #sowing
- #soils