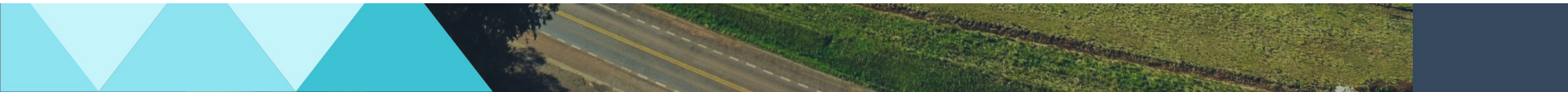




 **Rotoplastyc**
tecnologia em rotomoldagem



CLAF

Rio de Janeiro, 20th of April 2023



AGENDA

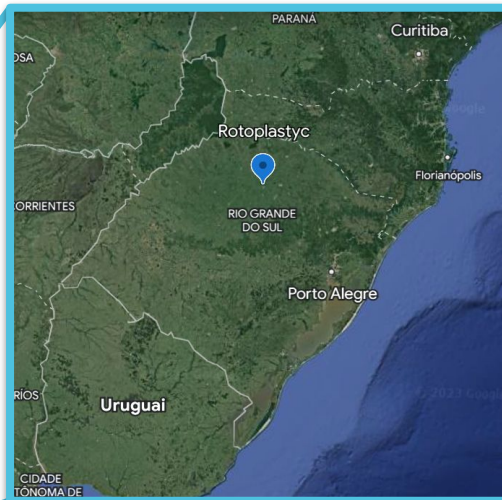
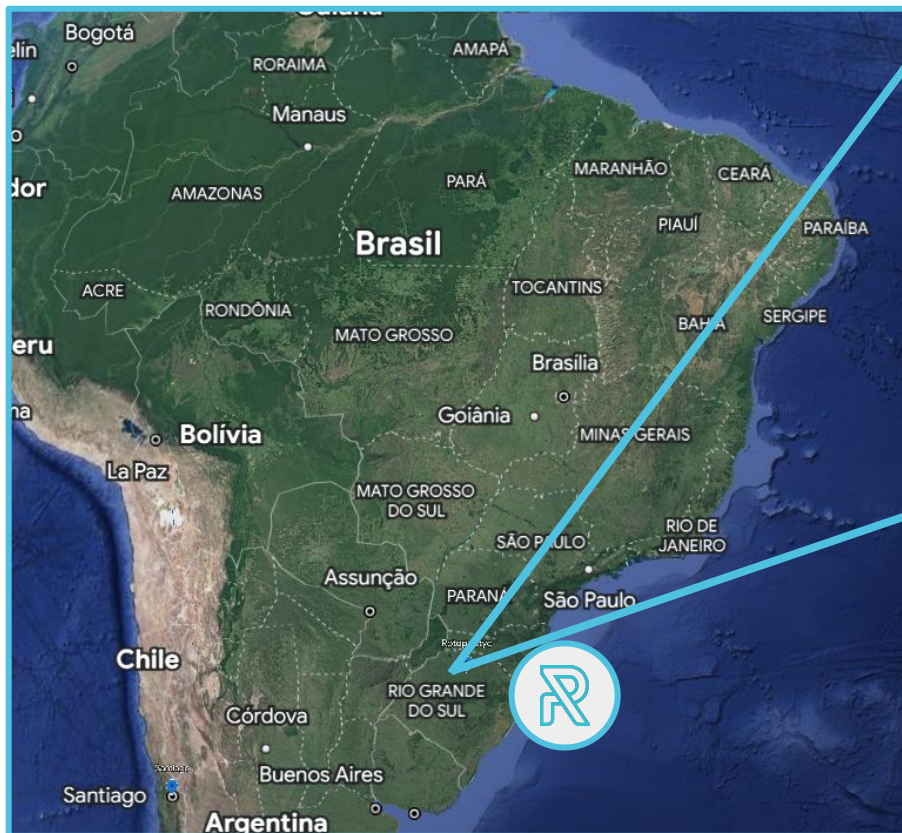
- About Rotoplastyc
- Pierre Auger Observatory Project
- Jacketed Tank Process



ABOUT ROTOPLASTYC



COMPANY LOCATION



City: Carazinho
Population: 62.265
State: Rio Grande do Sul

- Distance to Porto Alegre:** 289 km
- Distance to São Paulo:** 1027 km
- Distance to Buenos Aires, Argentina:** 1.210 km
- Distance to Malargüe, Argentina:** 2.228 km
- Distance to Santiago do Chile:** 2.240 km
- Distance to La Paz, Bolívia:** 2.228 km
- Distance to Arequipa, Peru:** 3.220 km



INFRASTRUCTURE IN 2023



Company
FOUNDATION



Number of
EMPLOYEES



Core
BUSINESS



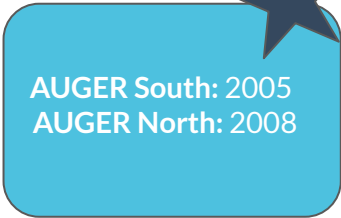
Total
AREA



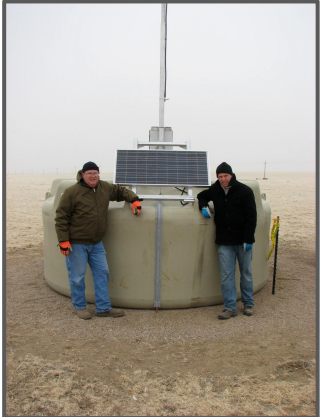
Built
AREA



Rotomolding
MACHINES



Key
MILESTONES



MAIN CUSTOMERS



MARKET SEGMENTS

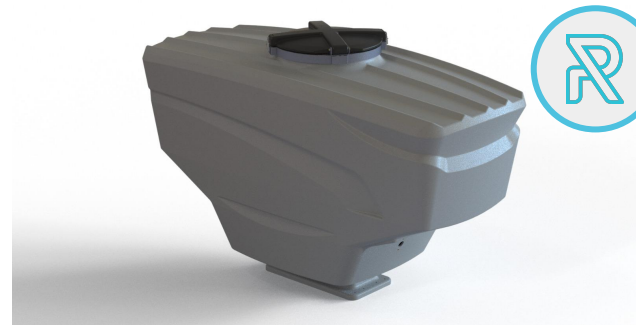
Supply of rotomolded technical parts



Fuel tank for tractors.

MARKET SEGMENTS

Supply of rotomolded technical parts



Seed box
for planter.



MARKET SEGMENTS

Agricultural implements *(Rotoplastyc brand)*



We have been serving the agricultural segment since the beginning of our history. Through this expertise , in 2010, **we developed our own product line** that guarantees results in **farming**.

In addition to the production and commercialization of **horizontal and vertical tanks** for the storage and transportation of water, we also develop a **machine line of grout preparation for agricultural spraying and tanks, for diesel and biodiesel supply and storage**.



AGRICULTURAL EXHIBITIONS



PIERRE AUGER OBSERVATORY PROJECT



Pierre Auger Project

In 2005 Rotoplastyc was part of the Pierre Auger Observatory Project. We were responsible for supplying 514 tanks for the scientific study. The project was of great importance to the company. That same year, the agricultural market was affected by a terrible drought. This lowered sales considerably. In this way, the project contributed to stabilize the market crisis that Rotoplastyc had been going through.

In addition to that, the project enabled the development of new technologies that were also applied to the company's market, such as, **the double wall technology**.



JACKETED TANK PROCESS

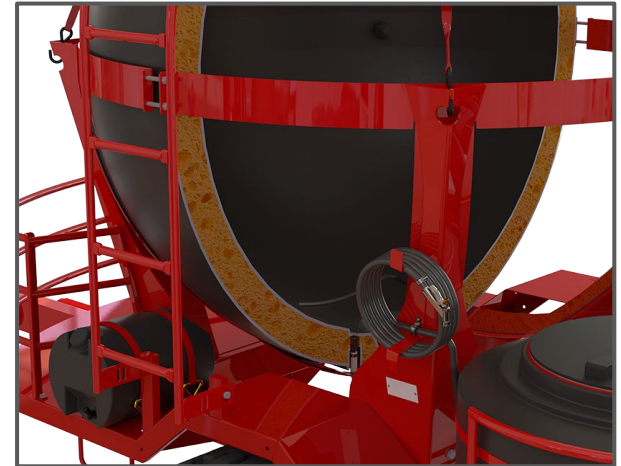
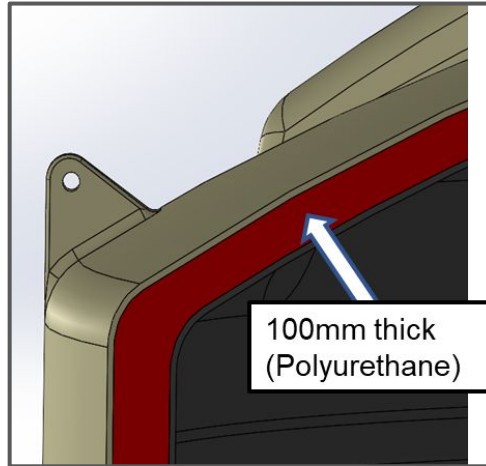


Jacketed Tank Technology

Since 2020, Rotoplastyc had been developing a new technology for tanks. After some tests we could find a satisfactory solution: The invention patent describes a process for manufacturing a **jacketed tank** obtained by rotomolding in at least two steps, obtaining a hermetically insulated tank in one piece with at least two rotomolded walls.

Competitive Advantages of the Jacketed Tank:

- Capability of thermal protection
- Increased resistance



Science & Market

The relevance a scientific study

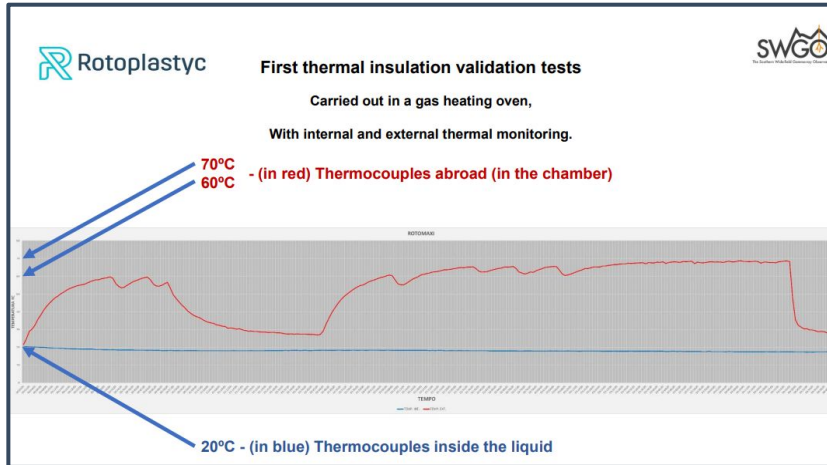
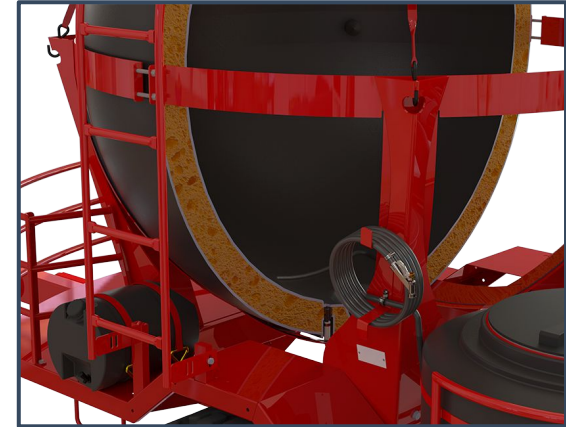
Because we were able to develop the scientific study, it was possible to apply the "jacketed tanks" in the agricultural market. The application of biologicals in crops has been growing expressively throughout Brazil. The thermal applicability, allows the live bacteria, of the biological inoculants, to stay alive during the process.

In general, inoculants present a much more advantageous average cost-benefit than chemical fertilization, with proven productive efficacy, greater profitability margin, and a great differential, which is the environmental bias.



Final Message

The jacketed tank developed by Rotoplastyc is the best solution to maintain the water temperature in environments with extreme thermal amplitude.





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Thank you!

