



rotower

**Autonomous  
growing technology** 🌿



This Hungarian-developed hydroponic equipment represents a new era in crop production. Our company has created an **innovative plant-growing tower** with which it is possible to grow **fresh, nutrient-rich lettuces, herbs and vegetables without soil.**







## Efficient water usage

*Innovative design: -95% less consumption, more nutritious and oxygen-rich water.*



## Light optimization

*Automatic rotation of towers: special light conditions for efficient plant growth, less LED panels needed for lower business costs.*



## Higher crop yield

*Increase productivity by 30%, decrease environment and business costs, but still get uncompromised quality.*



## Flexible system

*Scalable, mobile, automated, hyperlocal: finetuned to your business needs.*

- **150** plants in **1** square meter
- No soil needed
- Space-saving
- **-95%** water usage
- No pesticide needed
- Plants with roots → high nutrient content
- Production anywhere



# Production cycle

Hydroponic agriculture is a self-sustainable system that only requires a low level of human intervention, if the towers are situated in a controlled environment endowed with all the necessary growing conditions.

**In this case, there is no need to water or weed out the system, and consequently, much less pesticide is needed as well.**





# Rotower

- 4 towers in 7.5 square meters
- 600 plants
- Scalable
- Automatically rotating plant-growing towers can be placed in a room/greenhouse/container





## Closed technology factory in containers

- 100 square meters
- 4200 plants
- 9 tons crops a year 🥬

The next step to efficient crop production:

- automation
- robotization





The automatic closed system is a great solution for those who wish to produce plants in an **environmentally friendly way, locally, under controlled production conditions**. The transport does not burden the environment, the **ecological footprint can be greatly reduced**.





**rotower by Green Drops Farm  
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