

ROKO Containers for Microgreens

GUARANTEED ADDITIONAL YIELDS FOR FARMERS

REAP SUCCESS

Predictable. Local. Future-proof.



VERTICAL FARMING FOR AGRICULTURE

ROKontainers from ROKO Farming are a sophisticated, all-in-one solution for the weather-independent, controlled cultivation of microgreens (vegetable sprouts) based on the “Plug and Produce” principle.

The result is healthy and delicious superfood—diverse, available year-round, and regionally sourced!

Your benefits

The ROKontainer enables you to generate predictable additional income with minimal staffing and labor requirements. This allows you to attract new customers across a broad spectrum, from direct sales and retail to high-end gastronomy.

As a system provider, we offer you everything from a single source: from the fully equipped container to the seeds. You'll also find personal contacts and services to ensure the smooth operation of your ROKontainer.

What are you waiting for?

If you're looking to expand your business, grow your direct-to-consumer sales, or simply make a future-proof investment, we're the right partner for you. We're happy to help you tap into new markets and unlock an additional source of income.

Let's take the next step toward the future!



UNBEATABLE ADVANTAGES

- ✓ Professional equipment for professional growers
- ✓ “Set it up and get started”
- ✓ First harvest after 7 days
- ✓ Local, fresh, sustainable
- ✓ Produce 365 days a year
- ✓ Regardless of weather and season
- ✓ Monitored and controlled
- ✓ Low scrap rate
- ✓ Minimal maintenance
- ✓ No chemicals
- ✓ Very low water consumption
- ✓ Products and services from a single source

The ROKOntainer

Our state-of-the-art containers offer everything you need for professional microgreen cultivation—fully equipped, CE-compliant, and ready to use.

The control center

Your ROKOn-tainer is controlled and monitored via an integrated computer.

ROKO Software

The in-house developed ROKO software is easy to use. It automates, optimizes, and constantly monitors the cultivation process—via remote access from anywhere in the world, if needed.

ROKO App

The intuitive ROKO app allows you to conveniently control cultivation via smartphone.



Perfect Climate

The automatic control of air supply and climate control ensures an optimal climate all year round. Integrated air filters prevent contamination from outside.

More Than Just Light

The installed LED lighting consists of two different light spectra. This ensures that each microgreen variety is provided with the correct spectrum.

Vertical Farming

Conveniently removable ebb-and-flow trays with residue-free drainage. The substrate mats used are biodegradable.



Image for illustrative purposes only

Germination rack

An additional rack is available for dark germination.

Drop by drop

The pump system ensures proper and economical irrigation, and integrated filters ensure good water quality.

Tough shell

The durable ISO-Container takes up little space and protects production.

Workstation

In the preparation room the microgreens are sown, harvested, and packaged.

HIGH-TECH MADE IN GERMANY

ROKOntainer are not simply containers into which individual components are placed. They are a complete system developed by engineers specifically for the vertical farming of microgreens.

The custom-made containers feature high-quality insulation, integrated climate control, and professional equipment, designed for a quick plug-and-play installation.

The shelves and technical components installed in the container are high-quality, durable products.

If needed, multiple containers can be combined, and the system can also be scaled to other container sizes. The specifications shown here refer to the standard model RKM0260 and the Mini-ROKOntainer variant RKM0230



TEMPERATURE CONTROL

Precise climate control (heating or cooling) for optimal plant growth



LED LIGHTING

Full-spectrum LEDs and "plant LEDs" for the specific needs of microgreens



HYDROPONIC SYSTEM

Closed-loop water system with automatic ebb-and-flow irrigation



AIR CIRCULATION

Controlled ventilation for uniform, consistent air quality and mold prevention



SENSOR TECHNOLOGY

Real-time monitoring of all parameters via sensors for high product quality



ROKO SOFTWARE

Comprehensive production data, remote access, and camera monitoring in one app

As a closed system the ROKOntainer can be set up in many environments





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Top-notch technology from Ulm ensures excellent feedback from restaurant industry and farmers' markets. ROKO Farming has taken microgreen production to a whole new level.

“

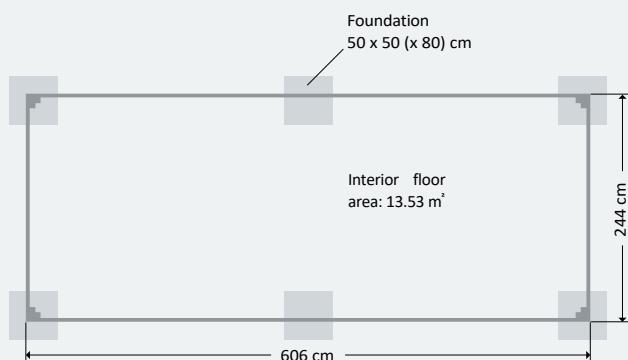
Maurice Köhler, Microgreens Ostsee GbR

TECHNICAL SPECIFICATIONS

Model	20ft. – RKM0260	10ft. – RKM0230
Dimensions (room height according to workplace regulations)	exterior, approx. (L x W x H): 6,058 x 2,438 x 2,800 mm Interior, approx. (L x W x H): 5,838 x 2,218 x 2,500 mm	exterior, approx. (L x W x H): 3,058 x 2,438 x 2,800 mm Interior approx. (L x W x H): 2,838 x 2,218 x 2,500 mm
Curb weight (empty)	approx. 2.8 t	approx. 1.8 t
Frame	Welded construction, 3 mm thick, made of galvanized, cold-rolled steel profiles, with forklift pockets	
Floor covering	PVC flooring, gray, slip resistance class R11, raised at the sides with a chamfered edge; with 80 mm PU foam insulation	
Roof	0.55 mm thick standing seam steel sheet, galvanized and coated; with insulation consisting of 30 mm PU panels as ceiling cladding and 70 mm PU foam	
Exterior cladding	Sandwich panel with 80 mm PU insulation, 0.55 mm thick sheet metal, profiled, galvanized & painted	
Electrical installation	in accordance with VDE 100, flush-mounted installation, all outlets with splash protection	
Electrical connection	32 A, 400 V; 1x CEE 32 A, 5-pin, recessed in the roof frame	
Growth shelves	4 x 6-tier shelving units	2 x 6-tier shelving
Ebb and flow trays	24 units	12 units
Lighting	24 x plant LEDs (violet, 28W) 24 x T8 LEDs (6000K daylight white, 18W, 2880 lm)	12 x plant LEDs (violet, 28W) 12 x T8 LED (6000K daylight white, 18W, 2880 lm)
Climate control	Vaillant combi unit (heating and cooling function)	
Ventilation	4 x recirculation; supply and exhaust air	2 x recirculation; supply and exhaust air
Total growing area	~ 12 m ²	~ 6 m ²
Preparation room	Yes	No
Electricity consumption ¹	~ 35 kWh / day	~ 25 kWh / day
Camera surveillance ²	Yes	Yes
Remote access ²	Yes	Yes
Automation	Lighting, irrigation, air conditioning, and ventilation	
Cooling capacity	~ 3.5 kW	~ 2.5 kW
Heating capacity	~ 3.6 kW	~ 2.6 kW

¹ Power consumption depends on ambient temperatures and load;
Figure represents an average over one year; actual daily consumption may vary

² A mobile SIM card is required; included in the all-inclusive package

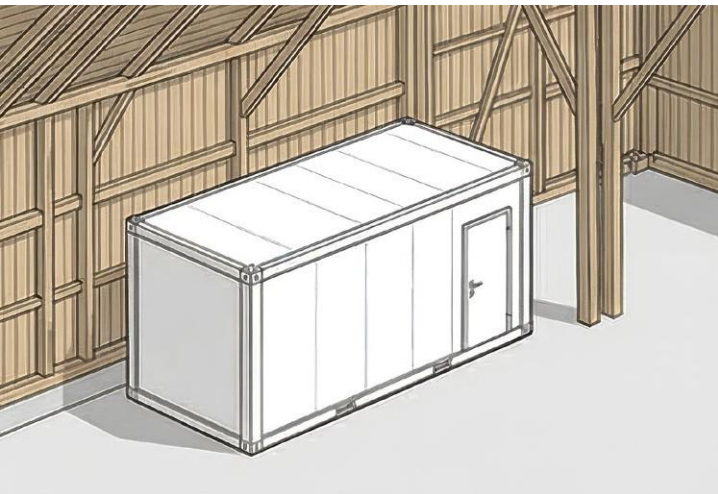


Foundation plan:

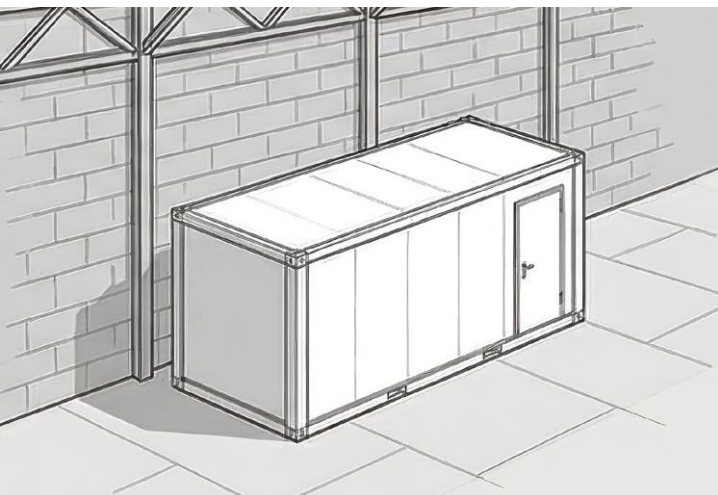
Foundation recommended by us, cast with 6 concrete support points (frostproof), as per drawing. However, the support points may also be made of other sufficiently load-bearing materials such as synthetic support pads, wooden panels, or paving slabs.

INSTALLATION SITE

ROKontainer units are robustly built and feature a high-performance temperature control system. Nevertheless, a sheltered installation is advisable—especially with regard to energy and maintenance efficiency.



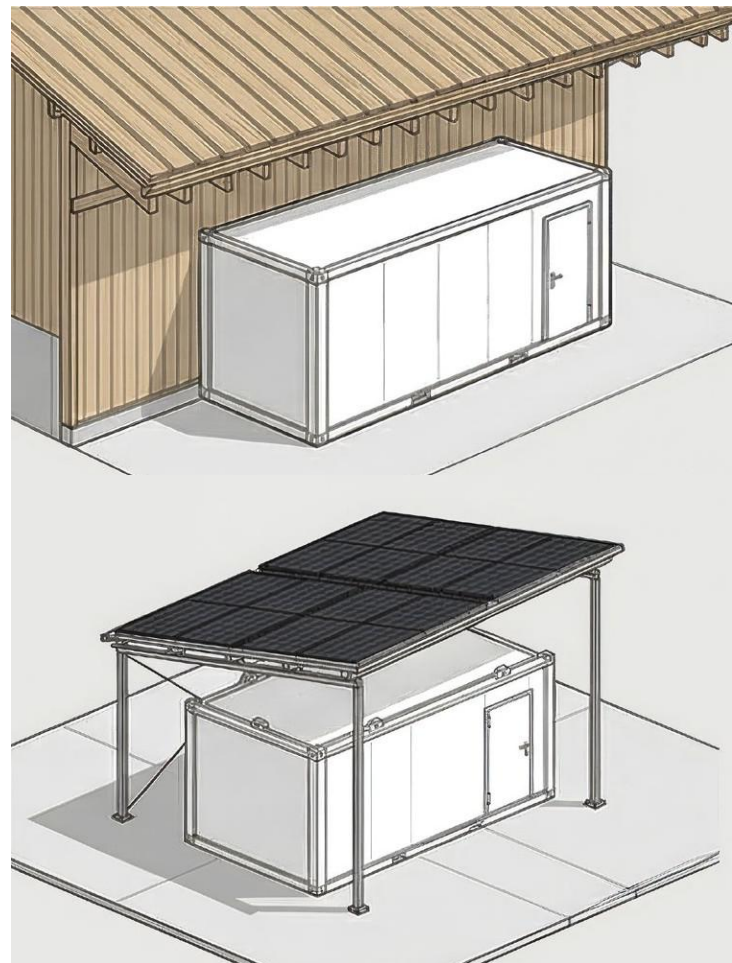
AI-generated examples



Indoor farming

ROKontainers are ideally suited for barns or cold storage facilities. This allows unused space to be put to profitable use.

Particularly recommended locations are thermal buffer zones, such as a former barn. Here, seasonal and daily temperature fluctuations are less noticeable. In outdoor areas, canopies provide good protection against rain, frost, and strong sunlight.



Well thought out

Outdoors, roof surfaces limit heavy rain or summer heat. Shading with PV modules can also be useful.

We will be happy to advise you
on the right installation location.
Ask Us!

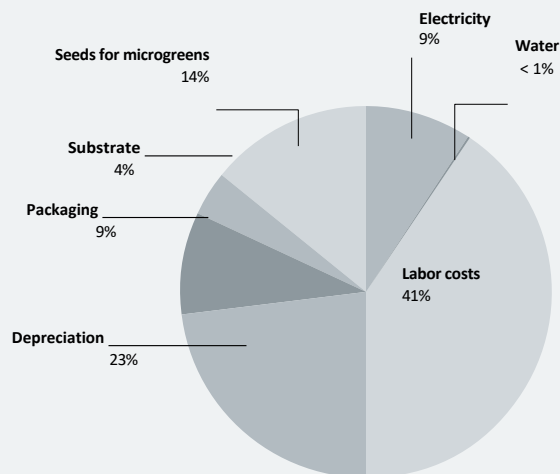
INVEST IN YOUR FUTURE

An investment must pay off. With vertical farming in the ROKontainer, costs, revenue, and profit can be planned well in advance due to consistent, weather-independent production.

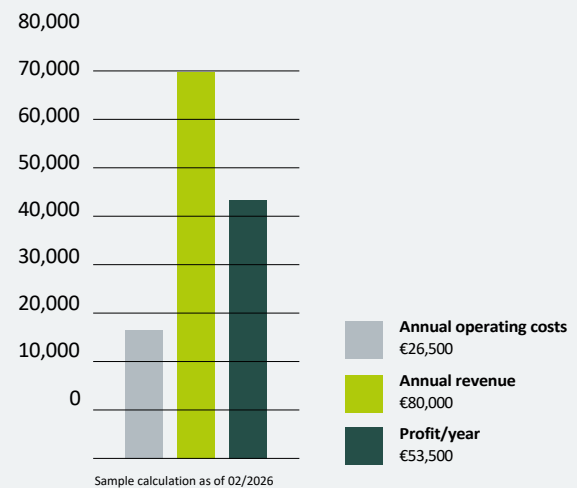
The following calculations show what an annual profit might look like with 100% utilization of growing capacity. The ROKontainer pays for itself in two to three years.

In addition to purchasing a ROKontainer, we also offer financing or rental options. Contact us!

Example breakdown of operating costs



Operating costs vs. revenue at 100% capacity



Has the PV subsidy expired?
Use your own electricity for a
ROKontainer!



PLUG. PLANT. PROFIT.

Our containers are delivered ready to use. Your system will be fully operational in less than 24 hours after delivery—you can get started right away with no hidden costs.

Before that happens, we offer an initial consultation and a no-obligation consultation. Upon request, you'll receive a test rack to familiarize yourself with microgreens.

When you order your ROKontainer, we can deliver and put it into operation.

As part of the order and delivery, you will receive:

ALL-INCLUSIVE PACKAGE

CONTAINER + TRANSPORT

ROKontainer

Transport and unloading with a loading crane

on-site, including transport insurance

On-site assembly and commissioning

Foundation (EN pallets or paving slabs)

PLANT CONTAINERS + GERMINATION

Germination module for 12 EN boxes 40 x 60 cm

Planting containers in various sizes
(40 x 60 cm EN boxes, 1015 trays, 11 x 16 cm trays, upon request)

START PACK AGE

Seeds for one year's production

Jute planting mats for one year's production

Supplies for one year's production Production

and hygiene training

WARRANTY + SERVICE

24-month warranty (effective from delivery)

24 months of service and maintenance, including 2 service visits

WhatsApp service (Mon.–Fri. from 8:00 a.m. – 6:00 p.m.)

24-month SIM card for remote access and camera monitoring

24-month ROKO Farming Premium account
(Special offers in the shop, app with access to systems, tutorials, and much more)

MARKETING MATERIAL

Sales display for the farm shop or farmers' market stand

Flyers with your logo and microgreens catalog

SUPERFOOD MICROGREENS

Much more than just garden cress: Microgreens are seedlings harvested at an early stage of growth. As edible seedlings of herbs or vegetables, they are true vitamin powerhouses packed with minerals, nutrients, and antioxidants.

But there's more: they're not only healthy but also have an intense flavor. Whether delicately spicy, fresh, nutty, or hot—microgreens enrich any kitchen!

The variety of types is matched only by the range of ways they can be used: whether in soups, salads, smoothies, or as a tasty side dish—these colorful sprouts enhance both traditional dishes and modern, sophisticated cuisine! Radishes, broccoli, sunflowers, peas, arugula, cilantro, and cabbage are particularly popular and high-yielding.

At ROKO Farming, you can get high-quality seeds for various varieties.

POPULAR VARIETIES



BROCCOLI
Vitamins A, C, K, sulforaphane
mild, slightly peppery



RADISH
Vitamin C, folate, antioxidants
spicy



PEAS
Vitamins C, A, K, protein
delicate and slightly sweet



SUNFLOWERS
Vitamins E, A, C, K, zinc
crisp, nutty



ARUGULA
Vitamins C, K, calcium, potassium
peppery, nutty, spicy



AMARANTH
Vitamins C, E, B, antioxidants
Nutty and earthy



RED CABBAGE
Antioxidants, vitamins
mild, subtle sweetness



BEETROOT
Vitamins A, C, K, minerals
Delicate, earthy-sweet



MUSTARD
Mustard oil glycosides, vitamins
strongly spicy



CILANTRO
Vitamins A, C, mineral boost
fresh and herbaceous, slightly lemony



BASIL
Antioxidants, vitamins
very aromatic, spicy



DILL
Vitamins A, B, C, E, K, minerals
citrus-fresh, distinctly dill-like



With a little experience, young plants can also be grown in ROKOntainer.

MORE CUSTOMER TESTIMONIALS

I am truly impressed by their professionalism, expertise, and commitment to excellence. They are responsive, communicative, and dedicated to providing top-notch solutions.

Derya Kaya

I had the pleasure of work with this young team. Very friendly, competent, and absolute professionals in what they do.

Nick Podstawski

Our collaboration with ROKO Farming has always been excellent and goal-oriented. We are very satisfied with the quality. We also received very detailed guidance for the commissioning.

Norman Helbing

Absolutely amazing! I have worked with ROKO Farming many times through my restaurant. The quality of their microgreens is second to none.

Lukas Patscheider

A strong, pragmatic team. The engineering and execution of the systems are top-notch! On a personal level, too, the collaboration is on equal footing and flawless.

Christoph T.

ABOUT ROKO FARMING



Our story began with the idea of rethinking agriculture. Step by step, this vision gave rise to a forward-thinking company.

Today, we combine traditional values with innovative approaches and stand for quality, responsibility, and progress. Our goal: to make agricultural processes more efficient, conserve resources, and shape a successful future together with our partners.

As engineers who grew up in the countryside, we combine a down-to-earth approach with technical ingenuity. We value not only sophisticated technology but also reliable, personalized service for our customers.

Your team at ROKO Farming

Awards

1st Berblinger
Innovation Award 2020
from the City of Ulm

Startup BW Elevator
Pitch – Ulm Regional
Cup 2021



Agriculture.
Thinking Ahead.



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