

ERGROWNOMICS

A comprehensive growing system: discover a new concept in producing home-grown salad crops, vegetables and herbs



The future
of raised
planters
and beds



Five models, four colours & three heights
- the choice is yours

ergrownomics.co.uk

What is Ergonomics?



Ergonomics was begun by a father-and-son team in rural Herefordshire, with one goal in mind: to break the mould, and manufacture a sustainable, high-quality raised planter, in the UK.

We're on a mission to do things differently, and to offer consumers a real opportunity to reduce their carbon footprint and plastic waste, learn about food provenance, and eat nutritious, organically grown fresh-produce - without the air miles or chemical residues.

With Ergonomics, we've set out to modernise vegetable gardening – making it comfortable, simple, clean and efficient – through a mixture of excellent functionality and dedicated guidance. We want everyone to be able to grow their own, and don't believe that experience or available space should be a barrier!

We've spent over seven years on crop-variety research and product-design – meticulously growing together, testing and trialling in our own planters at home – and we've revolutionised container-growing in the process.



Jamie Bending BA Hons

Hi, I'm Jamie! In 2019, I graduated from Durham University and returned home, wanting to take "Ergonomics" from a prototype set-up that my father and I had developed for our own needs, into a system that could provide repeatable, quality results - for everyone. With this in mind, I set-out to condense the research we'd undertaken together, channelling our own insights of real-world container-growing to offer a planter that could meet the challenges of the modern gardener, and make "no-dig" vegetable gardening as easy as possible!



Our Planters

Our planters have been designed from the ground-up to take small-space gardening beyond a recreation - with sustainability at the heart of our beliefs. We never want to sell the same planter, twice; with that in mind, we offer a class-leading 10-year warranty, made our range fully recyclable at end-of-life, offer containers made from recycled materials, and use compostable packaging wherever possible. We've made our planters to be passed on, not thrown out, and because of their fully modular and portable design – they can expand from a single container fitting a small balcony, to large garden kits filling the interiors of greenhouses – growing as the confidence grows, and letting you expand, rather than replace!

Our planters provide 'real-world' functionality for home-growing in compact spaces, including a drip-irrigation system (and two-part filter drainage – to keep everything clean!), patented plant-training system (allowing crops to be grown at high densities), and a customisable leg length, to ensure a comfortable working height (as well as preventing back-strain)!

And finally – because we're serious about building things that last – our planters are manufactured using rotationally moulded (food-safe) MDPE, galvanised steel, brass and aluminium. It's a no compromise approach, but it means that all our planters have a design-life of 50 years, outdoors!



Choose your planter model

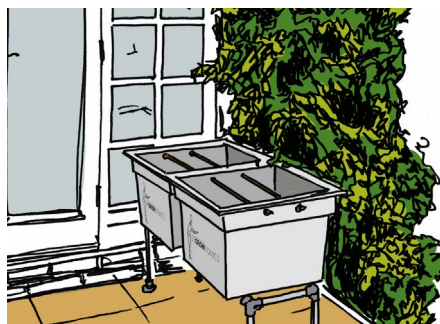
One Planter from £150

The smallest in our range, the One Planter is ideal for complete beginners working within a very confined space, and best suited to growing a variety of aromatic cocktail and culinary herbs, or even dedicated entirely to a mixed salad-bag!



Two Planter from £250

The Two Planter is a great introduction to home-growing, allowing you to split the space between herbs, salad crops and vegetables – and decide what works best for you! We think it's especially brilliant for growing salad crops such as Spinach, Kale and Lettuce, and can fit discretely into almost any space – including balconies!



Three Planter from £360

Our Three Planter is our most popular model, and can create a self-contained, productive urban-garden in almost any unused, linear space! Ideal for anybody wanting to start a journey towards self-sufficiency with a wide range of crops, or as a modern & comfortable alternative to traditional raised beds!



Four Planter from £470

Our largest linear planter is the perfect replacement for raised beds, creating a hugely productive space in any hard-standing, with access required from only a single side. Ideally suited to keen gardeners living in rented accommodation, flats, or with patio gardens!



Four² Planter from £470

The largest in our range, the Four² Planter creates a wonderful garden centrepiece – letting you showcase your success, even on a courtyard or patio! A brilliant alternative to allotments or larger raised beds, and perfect for anyone serious about vegetable gardening, wanting a modern approach, helpful functionality and a comfortable working height!



Also available

Greenhouse kits (Imperial)

Polytunnels kits (Metric)

Irrigation Packs

- Automated Irrigation Systems with timers
- Individual Plant Dripper Packs
- Pipe Extension Kits

Plant Training

- Sample Plant Training Packs
- Plant TrainingPacks

Plant Protection

- Container Cloche
- Copper Protection Bars

ergrownomics.co.uk

Design and Features

Container

Our container is the star of our system, designed to be productive, bold and durable. Our containers are all specially moulded in the UK from food-safe MDPE, using a 'rotational' method which avoids pressure, and which gives them an excellent strength-to-weight ratio (avoiding the weak spots found with most injection-moulded products). Each container has hollow cylinders (to fit our plant training), a drainage sump, and a uniform soil-depth – as well as smooth inner walls which provide nowhere for pests to hide!

Our container is available in four colours, including 'recycled black' – produced using entirely re-ground waste plastic, and all are designed to last 50 years before being widely recycled.

Frame

We've engineered our frames from the ground up, designing them to be strong, safe and easily assembled with a single hex-key. Our frames are produced using thick steel tube and genuine Interclamp™ fittings (with stainless steel set-screws) – producing an extremely contemporary appearance that's also capable of withstanding heavy loads. All our standard frames are then twice galvanised to prevent rust, and a powder coated option is now available.

What's more, we offer all of our planters with a choice of three leg heights – free of charge – allowing customers to select a length best suited to them, and provide a comfortable working height. Our frames are also widely recyclable at end-of-life.



Plant Training

Our patented Plant Training system works seamlessly with our container to support crops, divide rows, encourage airflow, and make for easier picking; simply put – it's the reason our planters can be so productive, despite their compact size! It also helps improve plant establishment, deter pests, and protect crops from wind and rain.

The system uses hollow aluminium rods (which fit inside our planters' pre-formed internal cylinders), linked with an elasticated cord finished with brass aglets – and joined with toggles (fitted with marine-grade stainless-steel springs). O-ring seals then allow the rods to be adjusted in height as crops grow, as well as protecting against intrusion from soil.

Irrigation

Our watering system has been adapted from commercial equipment used all over the world, and produced entirely from Rainbird™ components. Our system uses drip-irrigation, modelled on the natural water cycle, to create a concentric and consistent wetting pattern throughout the soil profile, and preventing the saturation associated with capillary systems.

The irrigation maintains a constant flow throughout all the lines, and guarantees a precise output of 2.3l per hour, per dripper. The tubing is also impervious to both UV rays and algae, which ensure a design life of at least 10 years. This is all completed with a manifold fitted with a brass Hoselock™ 'tap connector'. Finally, the system is suitable for use with water-butts, and we also offer a timer unit for fully automated watering.

Drainage

All our planters are equipped with a two-part drainage system, to ensure the container soils are always at an optimum, and never saturated! The 'sump' moulded into the base of our container is shaped exactly to fit our mesh-bag (which is filled with aggregate), and then covered with a non-woven geotextile panel. The system uses gravity as a natural draw-down, filtering our soil fines and nutrients, and only removing excess water. What's more, this also keeps the surface beneath the planter free of mud and staining, keeping everything neat and your soil exactly where you want it!

Why work with us?

- We're a family run business, designing & manufacturing all our products in the United Kingdom.

- We offer high levels of customisation across our range, allowing your customers to spec without compromise, and still offer quick and direct fulfilment on your behalf.

- Our planters open gardening to a growing market, including Renters, Beginners & Small Garden Owners. Our planters can strengthen the sale of seeds, sundries and accessories to these groups – by making gardening simpler and more accessible.

- We're a small, on-trend & creative company with strong sustainability values, a compelling brand image, and available exclusively from only high-quality retailers, like yourself! Working with us offers something new and exciting to your customers, and demonstrates your commitment to sourcing creative & quality products from within the UK.

- We're an enthusiastic team, and are keen to work productively with suppliers to showcase both our Planters and their products in the best possible light. We're very happy to visit and offer exhibitions and demonstrations on home-growing.

Contact

Info@ergrownomics.co.uk
Jamie@ergrownomics.co.uk

www.ergrownomics.co.uk

Ergrownomics
Spring Cottage,
Walterstone Common,
Herefordshire,
HR2 0DT

Tel: 07568 521648

