

**Numatic**

**SUSTAINABILITY Report 2022**



**PERFORMANCE**  
You Can Trust

# We make better products in a better way.

- » We select materials and processes that are more sustainable and manufacturing that has less impact.
- » Our products are designed to be more efficient, reducing energy use and carbon impact.
- » We make products that are reliable, serviceable and built to last.



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# OUR COMMITMENT

“ Net Zero  
by 2035 ”

“ We deliver innovative, quality and cost-effective cleaning solutions that are built to last and provide a cleaner, safer and healthier living, working and everyday environment for all. ”



**In today’s world, we all have a serious responsibility to respond to the inevitable energy and resource shortages of tomorrow, accelerated by unprecedented global challenges in recent years.**

A champion of UK manufacturing, Numatic can respond quickly and efficiently to changes in the landscape, delivering innovative, effective, and sustainable cleaning solutions to commercial and domestic customers across the world, servicing each business sector.

Four values construct our Sustainability Formula: longevity, efficiency, serviceability, and recyclability. We recognise the need and demand for sustainable cleaning solutions and commit to initiatives across our business, including becoming Net Zero by 2035.

We design, engineer, and build sustainable cleaning solutions, without compromising productivity or quality. Our products are built to last, investing in low-energy, high-efficiency motors; high-quality, recycled materials; and new technologies to meet individual needs and environments.

Sustainability is our responsibility, and we will continue to invest in our processes, our products, and our people to deliver performance you can trust.

**Chris Duncan**  
Chairman and Founder of Numatic International Limited

# SUSTAINABILITY FOCUS

**Sustainability is a driving force across all aspects of our business and product ranges, from minimising our carbon impact, to maximising our use of high-quality, recycled plastic, to supporting water projects around the world.**

Our dedicated Sustainability Team oversees the implementation of initiatives, establishing and tracking milestones to move our business forward, while ensuring sustainability is top of the agenda. From our supply chain, to manufacturing, shipping and beyond, we are continually identifying and implementing new projects that align with our environmental, social and ethical goals.

We support goals for sustainable development (SDGs) of the United Nations:



# Achievements in 2021



**Saved Factory Energy**  
**345,000kWh**

Across our site, we have reduced our energy use per unit.



**Reduced Fleet Emissions**  
**44,000KG**

Reduction of CO<sub>2</sub> across our fleet emissions.



**Increased use of Recycled Plastic**  
**150,000KG**

We have increased the use of recycled plastic across our product ranges.



**Saved Energy Use**  
**90,000 tonnes**

Reduction of CO<sub>2</sub>e per year, when switching from 900W motor to 620W motor.



**Sustainable ReFlo Janitorial Range**  
**100%**

Every item across the range utilises recycled ReFlo plastic.



**Sustainable Eco ReFlo Vacuum**  
**75%**

The ERP180 is made from up to 75% recycled ReFlo plastic.

# SUSTAINABILITY FORMULA

## Building on Sustainability

We recognise the need and demand for sustainable cleaning solutions, without compromising productivity or quality. The Numatic Sustainability Formula is the foundation to all our product development and sustainable initiatives.

### Built to Last

Our products are built to last with tried, tested and trusted designs, ongoing innovations, and a commitment to developing sustainable cleaning solutions.

### Efficiency

We ensure our products are the most efficient for every user; from water and detergent usage to electricity consumption.

### Serviceability

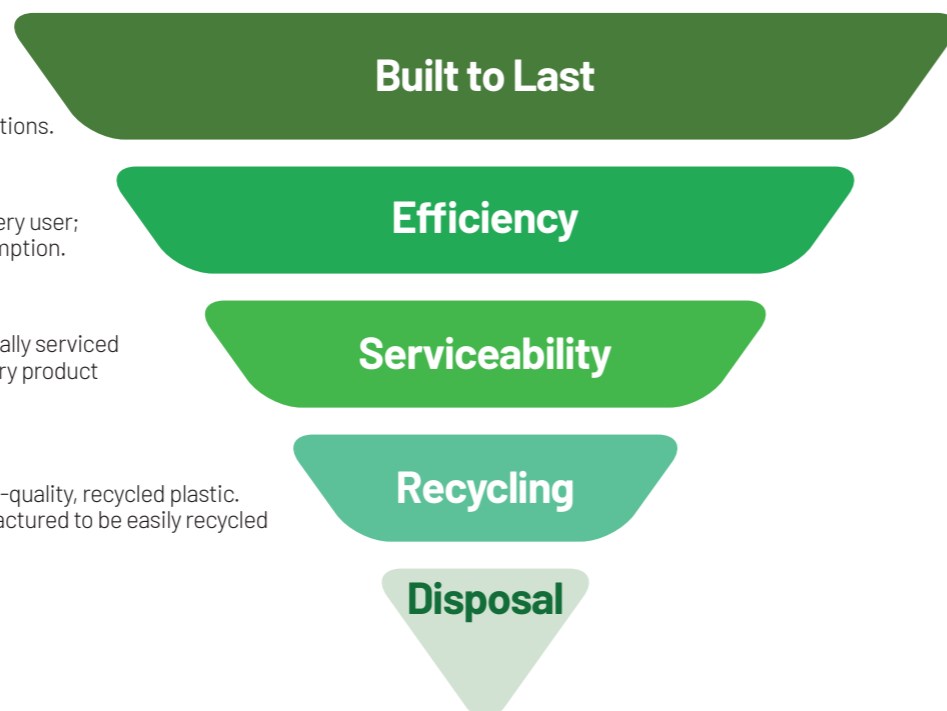
Our products are designed to be easily and economically serviced throughout their lifecycle. We commit to support every product we have ever made, since day one.

### Recycling

We are committed to developing products using high-quality, recycled plastic. Right from the initial design, our products are manufactured to be easily recycled at the end of their life.

### Disposal

We work hard to ensure zero waste goes to landfill and have achieved this since 2017.



## Sustainability Targets - Net Zero by 2035

# Net Zero by 2035



Reduce Non-Recycled Waste by

**10%**

Reduce non-recyclable waste by 10% by end of 2022.

2022



Reduce Plastic Packaging by

**30%**

30% reduction in plastic packaging use (avg. KGs per unit) by end of 2022 and further 30% by end of 2023.

2023



Reduce Gas & Electric by

**10%**

CCA (Climate Change Agreement) Measured Electricity & Gas usage reduced by 10%, under agreed CCA targets by end of 2023.

2023



Increase Manufacturing Efficiency by

**15%**

Increase manufacturing efficiencies by 15% by end of 2023.

2023



Reduction in Energy Use by

**20%**

Lower energy use across the factory by 20% by end of 2024.

2024



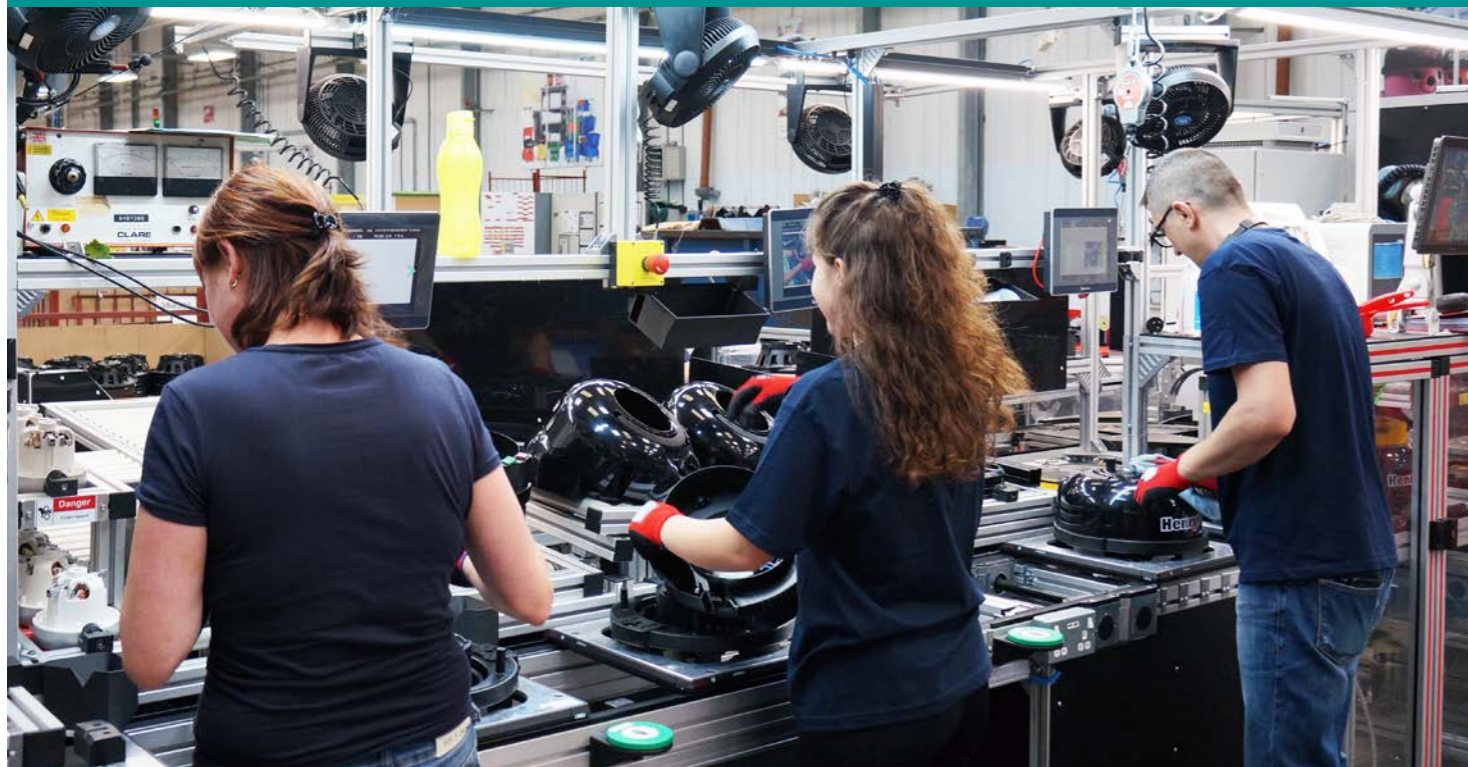
Increase Use of Recycled Plastic by

**50%**

Increase use of recycled plastic in our 11" and 12" vacuum cleaners by 50% by end of 2025.

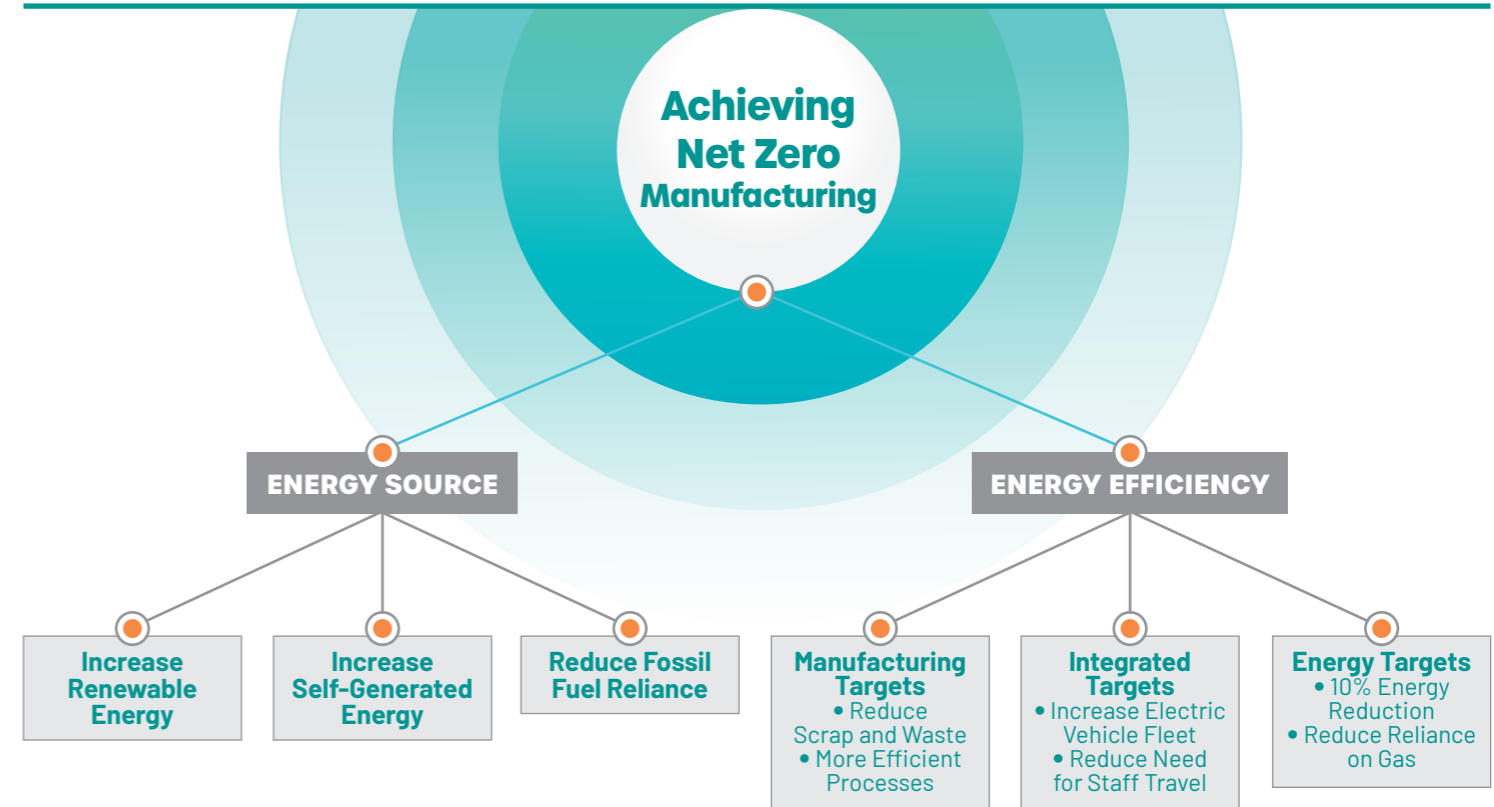
2025

# MANUFACTURING



“ We continuously improve **efficiencies**, and commit to **investing in new technologies.** ”

## Manufacturing

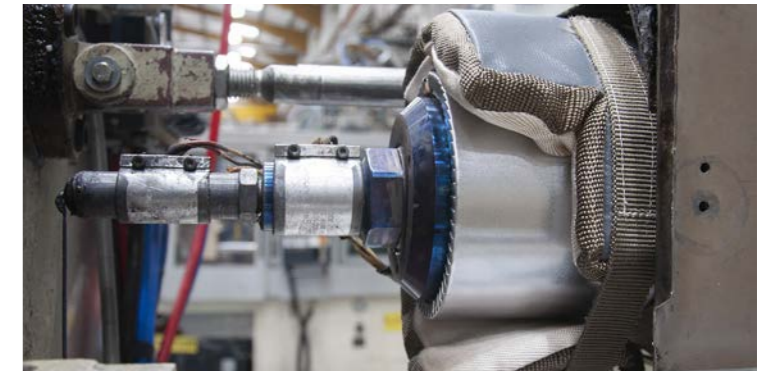


## Efficiency

### Injection Moulding

The injection moulding process is responsible for a large proportion of our energy consumption. **100% of our moulding machines** have been fitted with **insulating barrel jackets**. The addition of these jackets has **increased efficiency of the process by up to 10%**.

We have **replaced 3** and **purchased 10** additional moulding machines which are more energy efficient than our previous machines. **We are replacing a further 4 machines and additional 3 machines later this year.**



### Rotational Moulding

The installation of a new 4-arm carousel rotomoulding machine has significantly reduced gas consumption throughout this process. The investment in this new technology has resulted in **energy savings of approximately 20%**. In addition, the machine houses a heat recovery system in its exhaust.



### Aluminium Wands

Previously responsible for significant water usage, we have introduced a drying process for the manufacturing of aluminium wands. **The new process has reduced our consumption of processed, demineralised water by 25%.**

### Material Drying

With potential efficiencies of up to **40%**, the installation of a new desiccant material dryer has **significantly reduced our energy consumption** throughout the resin drying process.

# INFRASTRUCTURE

## 2023 New Building Investment

Efficient and Sustainable Manufacturing

We are investing in a new manufacturing facility that will streamline production in response to increasing product demand. Committed to UK manufacturing, the new facility will be an extension of our existing site in Chard, Somerset.



### Infrastructure

We are committed to investing in our infrastructure as a means of channelling increased energy efficiency across our sites. A significant investment now will reap even greater efficiencies over time.

#### Building Management System (BMS)

The installation of an intuitive Building Management System has led to enhanced monitoring and control of electrical equipment across our site.

The use of the system includes:

- Controlling temperatures and times for over 50 space heaters
- Monitoring the effluent meter in our paint plant
- Logging sub-meters for gas and electricity to calculate energy consumption relevant to our Climate Change Agreement

We continue to review other uses of the system as a means of facilitating efficiencies across other areas.



#### LED Lighting

Now accounting for approximately **80% of lighting** across the site, the installation of LED lighting has generated energy savings of at least **60%** when compared to the previous lighting. **We will increase this to 90% LED coverage** across our site by end of 2022.

#### Solar Panels

Numatic HQ has solar panel installations across the site. The output for the last year reached 296,173kWh, which saved around 69 tonnes of CO<sub>2</sub>. **Since installation, we have saved a total of 1260 tonnes of CO<sub>2</sub> to date.** That is the equivalent of 222 homes' electricity in the UK for one year or charging 139,043,958 smart phones!

#### Electric Vehicle Points

Along with moving our vehicle fleet over to electric vehicles, we now have **12 charging points** on our site, with plans to install **a further 8 points in the upcoming future.**

In 2021, our solar panels generated up to **296,173 kWh.**



# INITIATIVES



## Initiatives

**We continue to develop our environmental management systems and performance, committing to numerous initiatives and action groups to this cause.**

### Plastic Sector Climate Change Agreement

We are committed to the Plastic Sector Climate Change Agreement. Through reviewing our processes and implementing efficiencies, we have achieved each ratio target to date. We are now working to reduce our energy even further with a **new target of 3.8% by 2022, and 10% by the end of 2023.**



**Committed to reducing plastic pellet loss to the environment,** we have joined Operation Clean Sweep®. We monitor our progress through regular audits, adjusting our processes to prevent, contain and clean up plastic pellet spills efficiently.

### Energy Savings Opportunity Scheme (ESOS)

Independently audited in Summer 2019, we have implemented the recommendations proposed, including increased LED lighting, electric forklifts, VSDs on vacuums for raw material and chilled water pumps.

### Electric Vehicle Fleet

We are replacing our vehicle fleet with electric vehicles for our staff, as well as increasing the number of electric forklifts available on site.

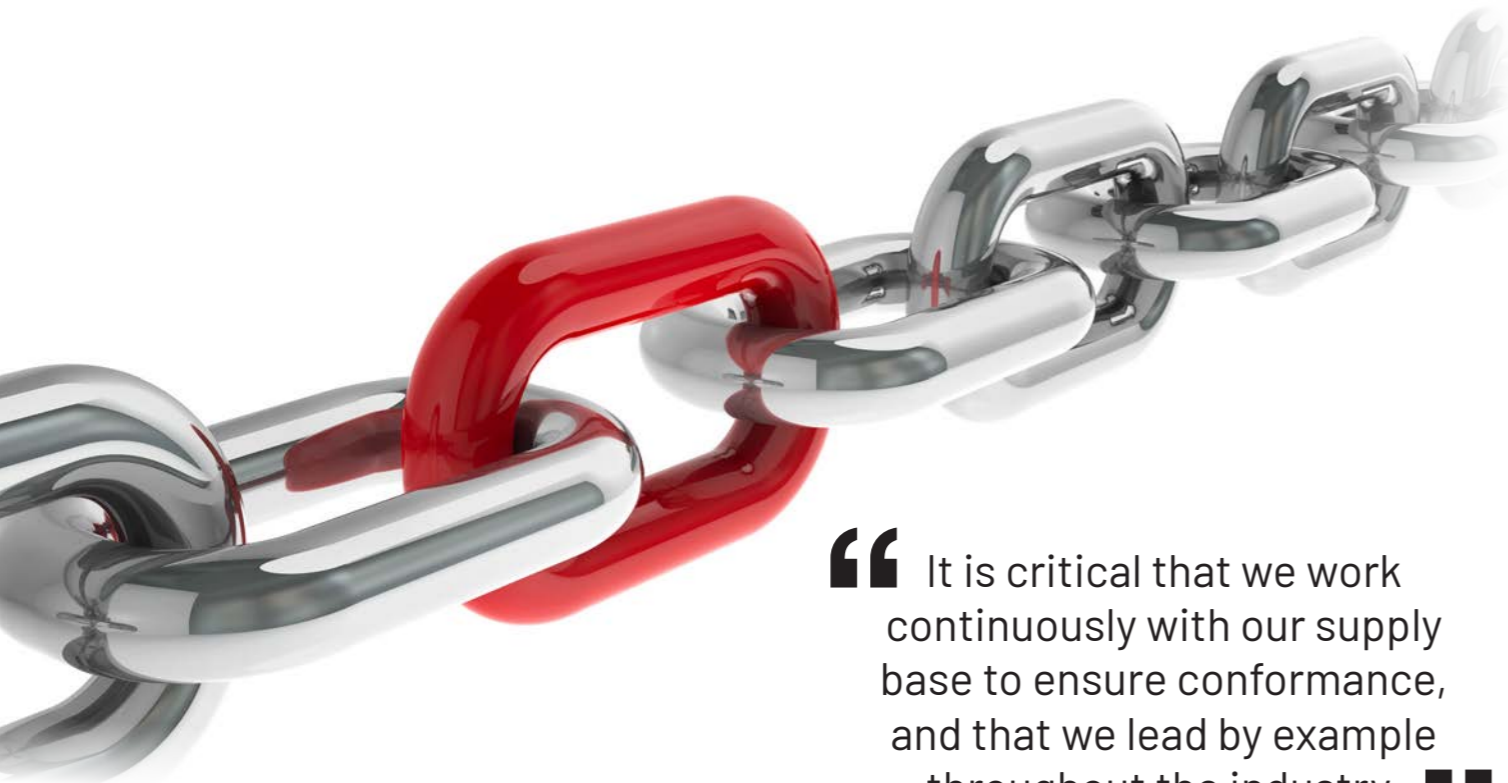
### Dedicated Sustainability Team

Our dedicated Sustainability Team oversees the implementation of sustainability initiatives across Numatic, driving the ambition for Net Zero by 2035.





# SUPPLY CHAIN



“ It is critical that we work continuously with our supply base to ensure conformance, and that we lead by example throughout the industry. ”

**Jane Beith**  
Purchasing and Supply Chain Manager

**All suppliers are subject to rigorous checks through our Supply Chain Verification Programme. Our Supply Chain Team works with vendors at every point of contact to ensure that our stringent standards are met without exception. Suppliers are challenged on a regular basis, and failure to comply with any of our standards results in the material or component being sourced elsewhere.**

We are developing new and challenging standards for our vendors to measure and reduce sustainability impacts within our supply chain.

### Human Trafficking & Modern Slavery

We constantly audit our activities and suppliers in order to ensure that all forms of modern slavery are eliminated from our business and supply chain.

Internally, we eradicate the risk of slavery and human trafficking through safeguards built into our operations; the knowledge and skills of our staff; and our strict policies and procedures.

Externally, our Supply Chain Verification Programme ensures risk assessment according to a number of factors, including risk indices pertaining to human rights; the level of supply chain control; external governance factors; and levels of political stability.



### Supplier Engagement

Despite challenges in travel over the last two years, we continue to engage with our suppliers regularly.

Our teams undertake internal training and assess our Supplier Verification and Approval process, working with our supply base to further expand our use of sustainable materials.



# GLOBAL COMPLIANCE



**We continually review, refine and readjust our processes in order to increase efficiency and reduce our environmental impact. We work hard to ensure that we are responsible across all aspects of our business, in order to:**

- Meet or exceed the requirements of current legislative, regulatory and environmental codes of practice
- Identify, reduce and dispose of waste arising from our operations in a manner that minimises harm to the environment and prevents pollution of land, air and water
- Reduce the consumption of energy and water, and use renewable and / or recyclable resources wherever practicable
- Design our products to have the minimum impact on the environment throughout the product lifecycle: material extraction, manufacture, use and end of life
- Work with and encourage our suppliers and subcontractors to implement good environmental practices and procedures that support our own objectives and targets
- Take responsibility for the maintenance and revision of our environmental policy

## Standards and Associations

### Standards



ISO 9001 Quality Management Systems  
ISO 14001 Environmental Management

### Associations & Partners



Make uk



British Plastics Federation



Industry Council for Electronic Equipment Recycling



Major Energy Users' Council



Association of Manufacturers of Domestic Appliances



Industrial Cleaning Machinery Manufacturers Association



European Cleaning Machines Association



International Sanitary Supply Association



Allergy UK



Cleaning and Hygiene Suppliers Association



British Institute of Cleaning Science



British Cleaning Council



charity: water



C Level Carbon Offsetting Partner

# PRODUCT FOCUS

**We are committed to providing performance you can trust through reliable, efficient and sustainable products.**

We build products that deliver the complete cleaning solution and are built to last. Our extensive product ranges offer an answer to any cleaning need, for any user, anywhere.

We understand that achieving the very best results from any product depends on users having access to high-quality support in how to use and maintain them. Through training, troubleshooting and technical support, including our Nu-Assist App, we provide support to users around the clock.



**Designed, tested and engineered to last 25 years.**

## Product Focus

### Low Energy, Sustainably Made, Unbeatable Performance

Our ERP180 vacuum provides unbeatable performance with 30% reduction in energy consumption, whilst being built from sustainable materials.



**30%**

Reduction in Energy Consumption



**75%**

Made from up to 75% of the highest quality, recycled plastic\*

\* Stated figure represents maximum use of recycled plastic in Eco ReFlo Vacuum Range, not including kits and accessories.



### 80% Lower Water Use

Helping fund access to clean, safe water to communities that need it.



**5000L**

of Water to Projects Around the World

For every purchase, Numatic will fund the equivalent of 5000L of water to projects around the world.

WORKING IN PARTNERSHIP WITH

 **charity: water**



### Made from Recycled Plastic

Our ECO-Matic trolley range is engineered from the highest quality, recycled plastic.



**98%**

Made from up to 98% of the highest quality, recycled plastic\*

ReFlo Technology uses post-industrial plastics from the automotive industry, which are diverted from landfill or incineration.



\* Stated figure represents maximum use of recycled plastic in ReFlo janitorial range, excluding kits and accessories.



WORKING IN PARTNERSHIP WITH:

 charity: water

**For every purchase of a 244NX, Numatic will fund the equivalent of 5000L of water to projects around the world.**

We believe no person should be without clean, safe, running water.

That's why, in partnership with charity: water, we are committed to helping run multiple projects a year to ensure those who need water the most, have access to it.

To do this, we pledge that for every purchase of a 244NX, we will fund 5000L of water to communities that need it.

“ Our projects will make a real difference to communities. We'll keep all of our customers up to date with details, progress and completion of each project. ”



 charity: water

**Our initial project will take place in Madagascar, receiving 100% of the donations.**

**58%** of the population currently lack safe drinking water

**22.8 Million** do not have a decent toilet

**8.5K** of children under 5 die each year from diarrhoea



**785 million people** live without clean water

THAT'S ABOUT **1 IN 10** OF US



Since 2021, we have donated

**17.5 Million** Litres of Water to Projects Around the World 

“ Every 244NX funds 5000L of water to communities that need it. ”



To find out more, visit: [numatic.com/charitywater](https://numatic.com/charitywater)

# SUSTAINABLE CONSUMABLES

## Carbon offsetting global bag sales since 2020.

We have partnered with a leading company in carbon offsetting innovation, C Level, to reduce our carbon footprint.

WORKING IN PARTNERSHIP WITH:



“ Numatic are working with us to take things even further, with more Carbon Balancing and looking at long term future goals. ”

Daren Howarth | CEO & Founder  
C Level | change culture not climate

## Carbon Offsetting

### ReFlo Bags - Coming 2023

A new addition to our range of high-efficiency, HepaFlo Bags, ReFlo Bags will be **made from up to 80%** of the highest-quality, **recycled material.**

Made from up to **80%** recycled material



### Offsetting Partner Project

#### CommuniTree, Nicaragua

For every tonne of CO<sub>2</sub> being sequestered by the project, over 5 trees are planted. The running total now stands at over **10 million** trees with **1.5 million** tonnes of CO<sub>2</sub> being drawn down to earth. It is the biggest reforestation programme in Nicaragua.

Since 2021, we have helped to plant

**19,092 trees** in Nicaragua



#### Hadza Hunter Gatherers, Tanzania

Protecting existing forests, working with tribes to protect their homelands from degradation and deforestation. The Hadza have lived in the valley for thousands of years. **320km<sup>2</sup>** of forest protected, an area the size of Dartmoor. Creating an annual CO<sub>2</sub> benefit of **30,000 tonnes.**

Our offsetting has created

**4,773 tonnes** of CO<sub>2</sub> drawn down to earth



## Manufacturing Processes



As of 2019, we introduced ReFlo Technology to our VersaCare and CleanCare ranges, using the highest quality recycled plastic, delivering the same durability and quality as always.

## Easily Recycled



As part of our commitment towards waste electrical and electronic equipment recycling (WEEE), we build products that are easy to disassemble and appropriate to recycle.

## Easily Replaceable Parts



Our products are designed to be easily and economically serviced throughout their lifecycle. We commit to support every product we have ever made, since day one.

## Robust & Durable



We have made over 15 million Henrys, most of which are still in use today. With tried, tested and trusted designs, ongoing innovations, and our commitment to developing sustainable cleaning solutions, our products are there whenever you need them, with the results that you need.

## High Efficiency

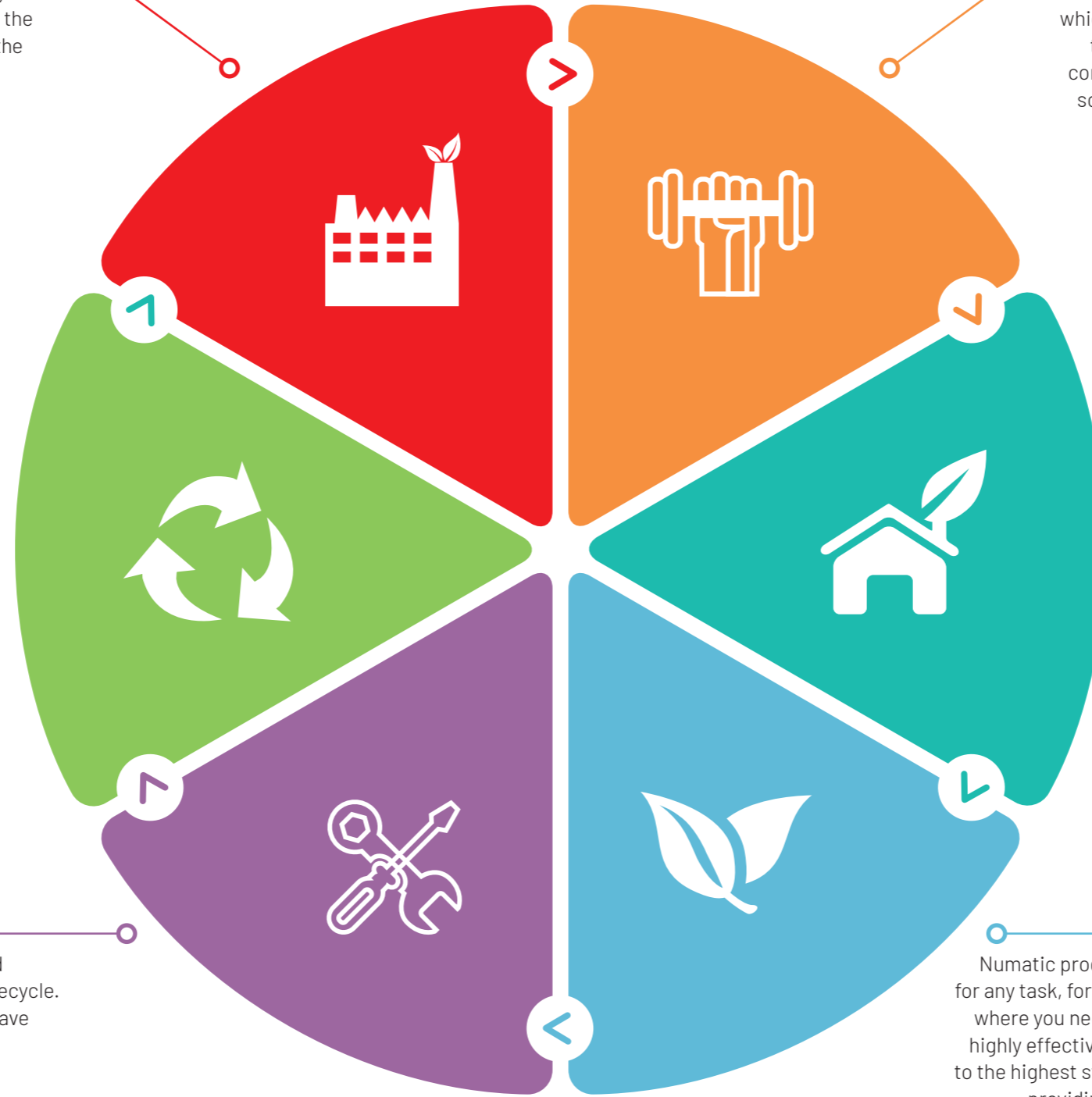


Equipped with our highest efficiency motor yet, our sustainable Eco ReFlo Vacuum Range delivers a 30% reduction in energy consumption; providing the same professional, high-performance cleaning results you expect from a Numatic machine, while saving you money too.

## Cleaner, Safer and Healthier Environment



Numatic products provide the complete cleaning solution, for any task, for any user, anywhere. From advanced filtration where you need it most, to our unique MopMatic system for highly effective infection control, to Henry Allergy approved to the highest standard by Allergy UK, our products are there, providing a cleaner, safer and healthier environment.



# INVESTING IN OUR TEAM



**Alongside continued investment in products and infrastructure, Numatic is committed to developing and retaining a diverse, highly-skilled and enthusiastic workforce.**

Employing a team of over 1000 employees, we work hard to equip our staff with the skills they need to undertake, develop and progress in their roles.

We are committed to a policy of equal opportunity and diversity in employment, recognising that it is essential in ensuring the continued success and growth of the business. We commit to select, recruit, train and promote the best candidates based on suitability for the job; to treat all employees and applicants fairly, regardless of race, sex, marital status, age, nationality, ethnic origin, religious belief, sexual orientation or disability; and to ensure that no employee suffers harassment or intimidation.

## Apprenticeships

**We first started our apprenticeship programme over 20 years ago. Since then, we have invested in a wide-variety of programmes across the business, including:**

- Maintenance
- Information Technology & Digital Services (IT & DS)
- Production Engineering
- Human Resources
- Research & Development
- Metal Weld/Fabrication
- Injection Moulding
- Business Administration
- Marketing & Communications
- Sales
- Customer Service
- Warehouse

Programmes range from Level 2 Craft apprenticeships to full degree qualifications. We have also offered advanced apprenticeships in Polymer Science for Injection Moulding Machine Setters as well as Leadership and Management.

Apprentices gain experience in a challenging yet rewarding role, achieving recognised qualifications. In turn, investing in apprenticeships enables us to strengthen our support teams, drive forward improvements and increase employee motivation.

Investing in apprenticeships also helps us to address business continuity, particularly in roles where a very specific skill set is required. Through offering comprehensive and value-added apprenticeships, we invest in a highly-skilled workforce for generations to come.



Creative and Digital Media Apprentice of the year at Yeovil College was awarded to Hattie Cross from our Marketing & Communications Department.

“ I now believe that an apprenticeship at Numatic is definitely the way to go, it has such a good working environment, and everyone is willing to help in everything I do! ”



“ 100% of those that have successfully completed their apprenticeship with us have been offered a permanent position. ”

# COMPANY HISTORY

**1969**  
 Numatic was founded in Crewkerne, Somerset

**1971**  
 First Wet and Dry machine introduced to the commercial market

**1973**  
 New single disc floor machine offered professional hard-floor cleaning

**1971**  
 First Henry... with his friendly face and professional features

**1981**  
 The first Henry... with his friendly face and professional features

**1990**  
 Numatic moved to current manufacturing plant and HQ in Chard, Somerset

**1993**  
 Introduction of the Twin Tec Scrubber Dryer raised the standard of cleaning across the board

**1995**  
 Subsidiary company established in France

**1995**  
 Subsidiary company established in France

**2002**  
 Subsidiary company established in Germany

**2004**  
 Subsidiary company established in The Netherlands

**2014**  
 Subsidiary company established in Switzerland

**2015**  
 Subsidiary company established in Portugal

**2016**  
 First cordless Henry offering total freedom of operation

**2018**  
 Subsidiary company established in Spain

**2019**  
 Celebrated 50 years of Excellence

**2020**  
 Introduction of NX300 Pro Cordless Network

**2021**  
 Introduction of 244NX Compact Scrubber Dryer

**2022**  
 Subsidiary company established in Italy

**2022**  
 15 million Henrys made and counting

**2022**  
 Numatic International 50th Anniversary



# GLOBAL PRESENCE



## Global Presence

For illustrative purposes only



- Numatic HQ Somerset, UK
- Numatic France
- Numatic Germany
- Numatic South Africa
- Numatic Netherlands
- Numatic Switzerland
- Numatic Portugal
- Numatic Spain
- Numatic Italy

“ We export our products to **86 countries** across the world. ”

Numatic HQ manufacturing plant, is located in Chard, Somerset, UK. Subsidiary companies are located in France, Germany, South Africa, The Netherlands, Switzerland, Portugal, Spain and Italy.

From these sites, we export our products to 86 countries across the world.

Numatic HQ - Manufacturing long-lasting, sustainable cleaning equipment.





## Head Office

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