acm™
Environmental Champions
a Reconomy Group company

Recycling equipment

Enhance your performance with our range of on-site equipment and industry-leading support services

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Achieve best value for recycling, reuse or recovery

Modern, innovative on-site recycling equipment will enhance the performance and financial return of your waste management activity.

ACM Environmental's range of waste management and recycling equipment is designed specifically to minimise waste to landfill whilst improving your processes, recycling rates, logistics and transport efficiency.

How you collect and contain your waste is more than just an aesthetic matter. Storing waste and recyclables in suitable, secure conditions makes them safer, more hygienic, cleaner and easier to handle. All of this helps you to achieve the optimum value for recycling, reuse or recovery of your materials. With over 25 years of waste management experience, ACM provide a sustainable licensed recycling solution with full traceability for all types of commercial waste producers.

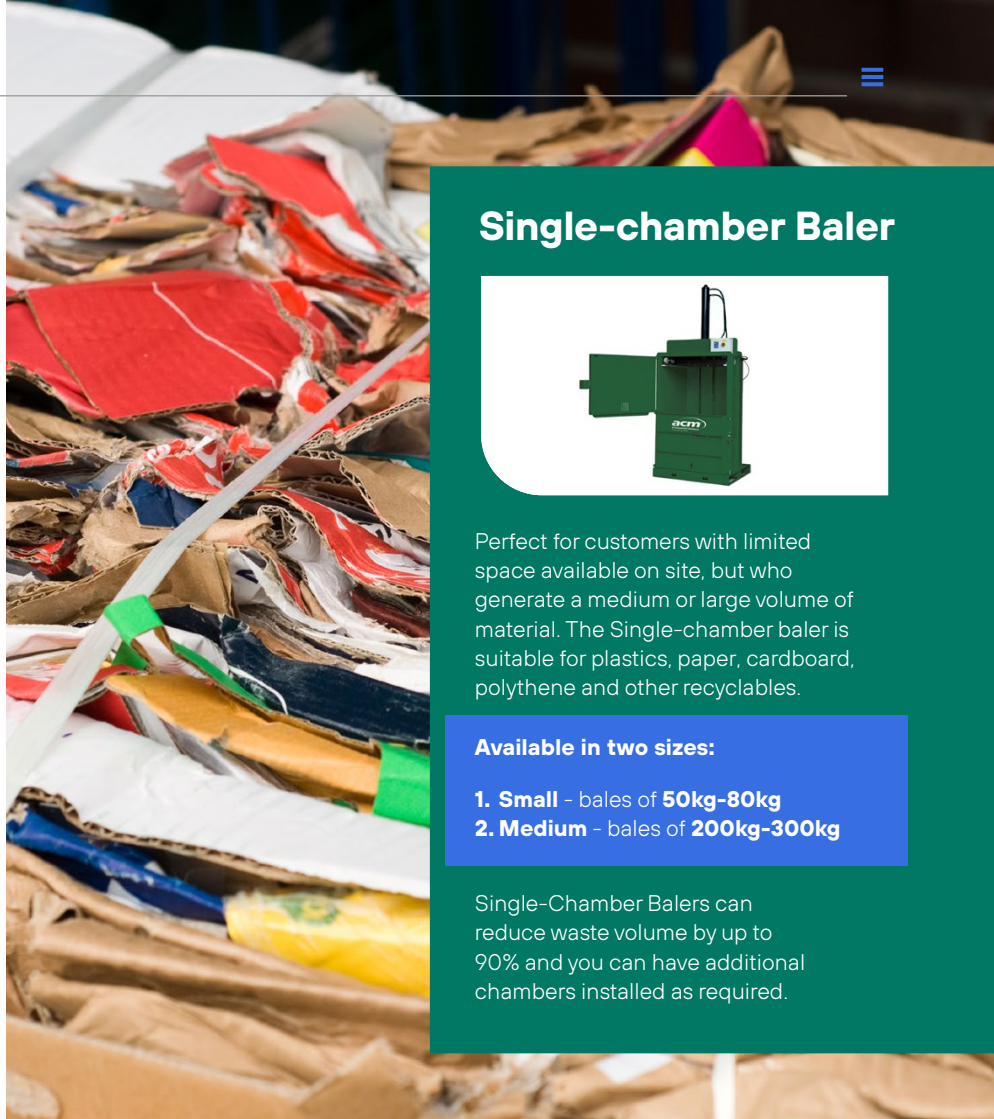
Balers

Get best value from your materials.

ACM has a wide variety of balers suitable for multiple materials, helping you prepare your recyclables in order to get the most value from them.

As well as performing a vital waste management role with the major environmental benefit of saving waste from landfill, baled recyclable material can also provide businesses with an invaluable revenue stream. Our range of balers are used by a wide variety of commercial waste producers in different sectors

ACM has a variety of vertical and horizontal balers suitable for locations of all sizes, even where space is limited. They can be used for baling cardboard, plastic, paper and other recyclable materials.



Single-chamber Baler

Perfect for customers with limited space available on site, but who generate a medium or large volume of material. The Single-chamber baler is suitable for plastics, paper, cardboard, polythene and other recyclables.

Available in two sizes:

1. **Small** - bales of **50kg-80kg**
2. **Medium** - bales of **200kg-300kg**

Single-Chamber Balers can reduce waste volume by up to 90% and you can have additional chambers installed as required.

Mid-range Baler

For businesses and locations that generate lower volume multiple recyclable waste streams. The Mid Range Balers can support these waste streams and bale material in mid range balers making recycling easier, more efficient and increasing the value to reprocessors.

Available in various sizes:

Can weigh from 150kg to 300kg

Space saving and highly efficient recyclers for any material.

Mill-size Baler

Produce densely compacted, rectangular bales that are easy to stack and ready to be transported. The Mill Size Baler is suitable for cardboard, plastic and paper.

Can weigh up to 500kg

This helps to reduce the cost of handling, storage and haulage and makes the Mill Size Baler a perfect solution for on-site recycling. They are extremely efficient and easy to use and offer the highest levels of performance and safety for a vertical baler.

Horizontal Baler

A great solution for managing very large volumes of recyclable waste. Powered by the latest technology, Horizontal Balers process a variety of materials including plastic bottles, paper and cardboard.

Available in two options:

1. Semi-Automatic
2. Auto-Tie Horizontal Balers

Air or conveyor fed fully or semi-automatic baling of large quantities of recyclable materials

Compactors

Perfect for commercial waste producers.

ACM can provide both portable and static waste compactors, which can deliver major benefits to commercial waste producers as an alternative to the traditional skip by preparing general waste for transit and recyclables for onward processing. Designed to minimise the use of space, compactors can be used close to where waste is generated without hindering day-to-day operations.

A comprehensive range of machinery featuring the very latest technology, providing solutions tailored to your workplace

Portable waste compactors

Hook lift compactor

Skip lift compactor

Providing a clean, efficient method for collecting and disposing of waste, Portable compactors are 100% leak and odour proof and suitable for food waste as well as dry recyclables. They are hygienic and safe - being totally closed containers, they safeguard against fire risk, avoid contamination by waste spillage and stop infestation by insects and vermin.

ACM's portable waste compactors have a compaction ratio of 6:1, meaning they can be emptied less frequently than conventional waste compactors.

Portable waste compactors are usually emptied on a 'tip and return' basis. When full, the compactor is collected and taken to the nearest waste disposal site to be emptied.

Static waste compactors

Compacting waste in containers rather than inside the compactor itself, Static compactors are ideal for handling cardboard, packaging, pallets and other dry recyclables.

ACM's smallest static waste compactor still offers generous capacity and with an industry leading compaction force of 34 tonnes, it will hugely reduce the volume of your waste, resulting in fewer collections and lower costs.

Static compactors can be used either as standalone equipment or incorporated into a wide variety of waste handling systems. Whichever the operating mode, they must be located on a level concrete base.

Specialist compactors

Card / key compactor

Used for multi-user sites such as shopping parks. Use of the card or key system ensures proper waste tracking and apportioning of cost for users by weight. An on-line platform with a printout function is available for both the client and all users, triggered by a unique user identification card or key system.

Available with both integrated and stand-alone weighing systems to suit different waste volumes.

Spoon lift compactor

With a low level filling height, the Spoon Lift Compactor is able to accept large volumes in one cycle and the design ensures no spillage of material. It is PLC controlled, with power and controls on both sides and vandal proof doors.

The machine has 'full' and 'pre-full' lights that are to CHEM specification.

It is available in both portable and static compactor configurations, with optional telemetrics.

Screw compactor

Ideally suited to high volumes of wood pallets, crates and card, with a special in-feed system to avoid bridging of bulky items. The continuous feed and coarse shredding feature ensures maximum container filling and the static version provides a minimal overall footprint. The Screw Compactor has a modern control system, which advises of container filling in 5% increments.

It is available in static and portable configurations and the adaptor plate ensures you can use standard static containers.

Swept-RAM compactor for food

Fully leak-proof to reduce odours and leakage. The Swept-RAM design eliminates the need for cleaning behind the compaction blade. Hydraulics are mounted high to allow for liquid content and there are controls on both sides with vandal proof doors. The machine has 'full' and 'pre-full' lights that are to CHEM specification and it is collected by a standard roll-on-roll-off vehicle.

Optional extras include integrated bin lifts, guards and telemetrics.

Split-chamber compactor

The container is separated for 2 different waste streams and the sides of the compactor open to ensure easy removal of difficult waste types. The Split-Chamber Compactor is ideal for large volume on-site segregation. It is PLC controlled, with power and controls on both sides and vandal proof doors.

The machine has 'full' and 'pre-full' lights that are to CHEM specification and it is collected by a standard roll-on-roll-off vehicle.

Optional extras include specially designed loading hoppers to suit different site applications and telemetrics. It is available in both portable and static compactor configurations.

Chilled compactor for offensive waste

The chilled compactor has an industry-leading design, which maintains a temperature below 5 degrees Celsius. It is fully leak-proof to reduce odours and leakage and the Swept-RAM design eliminates the need for cleaning behind the compaction blade. Hydraulics are mounted high to allow for liquid content and there are controls on both sides with vandal proof doors.

The machine has 'full' and 'pre-full' lights that are to CHEM specification and it is collected by a standard roll-on-roll-off vehicle.

Optional extras include integrated bin lifts, guards, telemetrics and further approval for use by the Environment Agency.

Roll packers

Our roll packers allow you to reduce the volume of material in large, open containers then fill them with additional waste.

Uniquely designed to compact waste.

Using a uniquely constructed drum of hard steel teeth, our roll packers crush and compact your waste into layers of neat and tidy 'rolls'. Specifically designed for bulky items of waste, it is the perfect solution for furniture items and crates that are too large for other pieces of recycling equipment.

Focusing on having better compaction for your waste will help reduce costs drastically and can reduce your waste collections by up to 80%. This then results in lower handling and haulage costs and keeps your site nice and tidy.

Suitable for indoor or outdoor use, the side-mounting of the roller lowers the operating height.

Bin presses

Compact waste from any size of bin.

Our bin press recycling equipment is designed specially to crush waste collected in 660 or 1100-litre bins and is flexible enough to work with existing bins and new ones. Taking up little floor space on site, our Bin Presses are commonly used by customers that produce little waste and are perfect for when a large compactor is not

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Suitable for indoor or outdoor use, the side-mounting of the roller lowers the operating height and keeps the equipment versatile.

Make the most use of space and reduce the frequency of your scheduled collections with our bin press range.

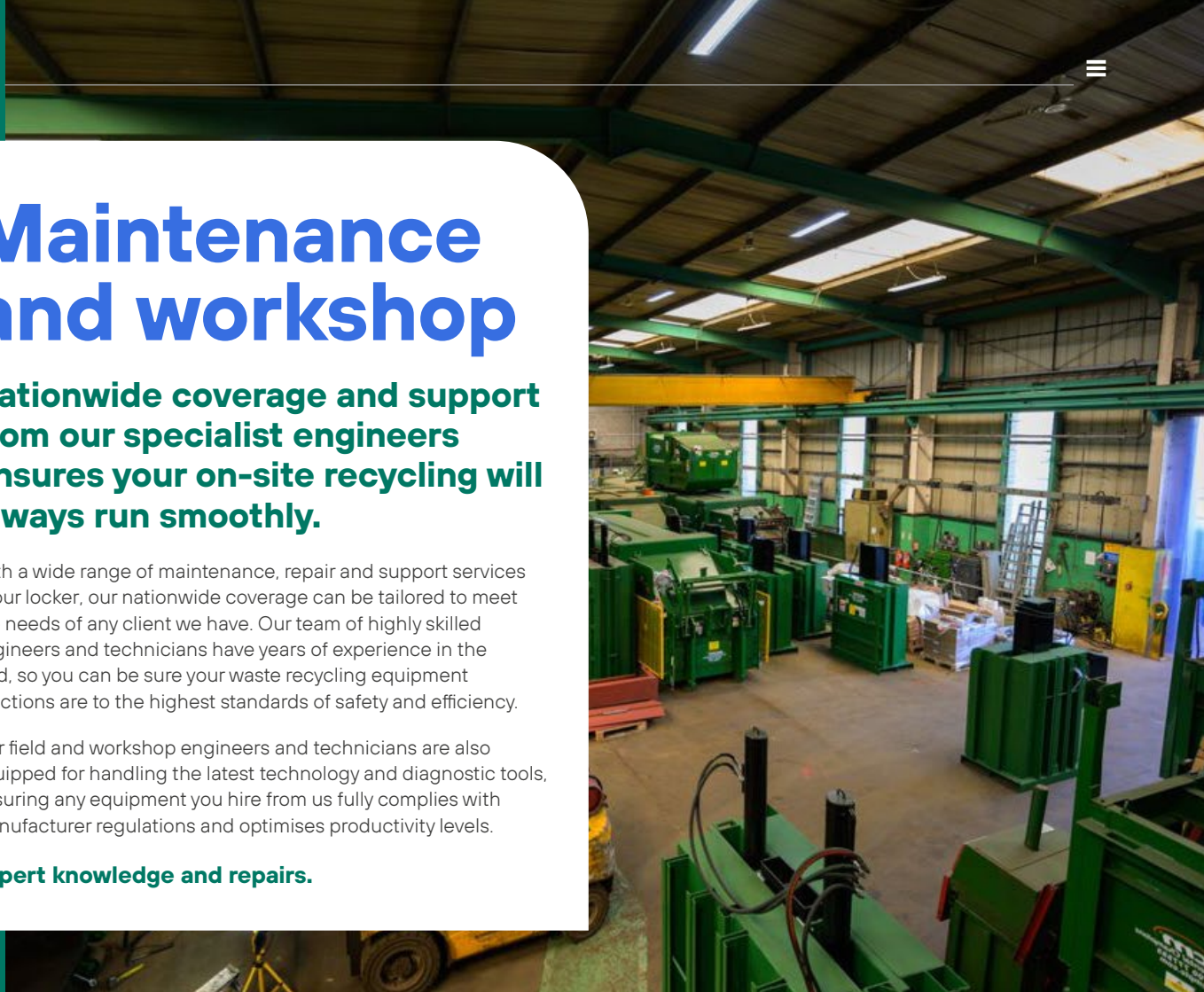
Maintenance and workshop

Nationwide coverage and support from our specialist engineers ensures your on-site recycling will always run smoothly.

With a wide range of maintenance, repair and support services in our locker, our nationwide coverage can be tailored to meet the needs of any client we have. Our team of highly skilled engineers and technicians have years of experience in the field, so you can be sure your waste recycling equipment functions are to the highest standards of safety and efficiency.

Our field and workshop engineers and technicians are also equipped for handling the latest technology and diagnostic tools, ensuring any equipment you hire from us fully complies with manufacturer regulations and optimises productivity levels.

Expert knowledge and repairs.



Reverse vending machines

Welcome to the next generation of recycling

EcoVend®

What is an EcoVend reverse vending machine?

An EcoVend Reverse Vending Machine (RVM) is a recycling device with integrated technology that accepts used empty beverage containers in return for a monetary or non-monetary reward, For example, these can be vouchers, discounts or even charitable donations.

Our machines collect, sort, compact and store bottles and cans ready for onward recycling. This provides a simple and effective solution to beverage container waste. They are perfect for any area that has good foot traffic, where you might want to encourage recycling on the move and help combat what is a traditionally a difficult waste stream. They also offer a great additional revenue stream, with the latest in-built advertising technology.

Why are reverse vending machines so important?

RVMs have gained significant popularity in the last five years. Impressive levels of user engagement across Europe has led to up to **97% beverage container recycling** in some countries.

Reverse vending is particularly popular in places that have mandatory recycling laws or container deposit legislation. The UK government has recently announced plans for a national deposit return scheme which could begin in 2021.

How does it work?

With our EcoVend RVM, recycling used bottles and cans couldn't be easier with just **three simple steps:**

1. **Load empty beverage containers into the chute**
2. **The barcode is scanned and logged**
3. **Take your reward voucher from the machine**

Why choose reverse vending?

There are many benefits being enjoyed by businesses that have invested in reverse vending around the world. **Our EcoVend machines will allow you to:**

- **Help save the planet** for future generations
- **Support social responsibility** by keeping local communities clean and free
- **Attract and engage** with customers
- **Enjoy great efficiency** by reducing waste management costs
- **Generate additional revenue** with in-built advertising space

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Get in touch

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