

## Battery recycling made easy

A fantastic site visit last week with our valued customers in the battery recycling industry! We are thrilled to have supplied our Easikit conveyor system to assist them in transporting Lithium-Ion battery materials to be sustainably recycled into powders and metals recovering the raw materials ready to be reused!

Coveya is the number one designer, manufacturer, and supplier of belt, gravity, mobile, radial, screw conveyors in the UK. Call us to speak with one of our experts for all your conveyor needs on 0117 2443456.

Coveya stands as a distinguished provider in the design, manufacture, and supply of a wide range of high-quality conveyor belts for sale or hire, catering to customers throughout the UK and worldwide. Our conveyor belts are celebrated for their durability, safety, and efficiency, making them the ideal choice for a variety of industries and applications.

Peristaltic pumps, also known as hose pumps, are a type of positive displacement pump. The main components of the hose pump are the pump casing, the hose and the rotor. When the rotor turns, the rollers on the rotor squeeze the hose flat. In front of the roller, pressure builds up and because of the hose's elasticity a vacuum builds up behind the roller. The pressure pushes the fluid out of the hose and the vacuum sucks the new fluid in.

Introducing Coveya's Peristaltic Pump Hire service, offering versatile and robust solutions designed for pumping thick fluids with high solid content. Ideal for industries such as Recycling and Waste, Water Treatment, Aggregate, Agriculture, Composting, and Biomass, our peristaltic pumps provide efficient, contamination-free operation across a wide range of applications.

What is a Peristaltic Pump? A peristaltic pump, also known as a hose pump, is a type of positive displacement pump designed to handle highly viscous fluids and slurries. The pump operates by compressing a hose with rollers attached to a rotor, which creates pressure that pushes the fluid through the hose while simultaneously generating a vacuum to draw more fluid in. This unique mechanism makes peristaltic pumps highly effective for transferring fluids that may contain solids or are sensitive to shear.

Why Choose Peristaltic Pump Hire from Coveya? Our peristaltic pumps are specifically designed to manage challenging materials, making them ideal for industrial processes where fluid integrity is crucial. One of the



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key benefits of peristaltic pumps is their ability to run dry without damage, a feature that sets them apart from many other pump types. Additionally, since the fluid only comes into contact with the hose, there's no risk of contamination, making them suitable for a variety of sensitive applications.

**Wide Range of Sizes for Every Application:** Coveya offers a comprehensive range of peristaltic pumps for hire, from the compact LSM-25 (1") model to the powerful LSM-200 (8") model, the largest peristaltic pump available globally. This variety allows us to meet the specific needs of any project, whether you require a small-scale solution or equipment capable of handling large volumes.

With over 30 years" experience designing, manufacturing and supplying market-leading conveyor systems to customers throughout the UK and world-wide. With a focus on site safety, reliability and efficiency and a commitment to delivering conveyor solutions for hire and purchase, our customers can fast-track their onsite material movements, eliminating downtime and increasing productivity.

Contact us for free full report

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