UNTHA shredding technology

The reliable brand!

BLOOMFIELD RESOURCES

ELECTRIC-DRIVEN UNTHA SHREDDER MAXIMISES MATERIAL RECOVERY FOR BLOOMFIELD RESOURCES

Bloomfield Resources

> *With such a significant long-term investment, it's important to look beyond the specs – do your research, trial equipment on site, and make sure your supplier is as credible as the machine itself. We hold our business partners to a high standard, and from pre-sale discussions and shredder trials through to installation, training, and aftersales and servicing, UNTHA has proven to be worth its salt – and then some.*
>
> Scott Smith, director, Bloomfield Resources

» MATERIAL
C&I, MSW, and bulky waste

» SHREDDER
XR3000C mobil-e

» THROUGHPUT
22-25 t/h at <90mm







CUSTOMER

Bloomfield Resources isn't your average waste management and recycling specialist. From its base in Tipton, West Midlands, the company boasts a growing suite of services – spanning skip hire, waste tipping, and bespoke recycling and waste management – tackling everything from construction, demolition, commercial, industrial, and municipal waste to metal, plastics, wood, and bulky materials such as mattresses and tyres. Its mission is to make waste disposal simple, efficient, and environmentally responsible for homes and businesses alike. With a continued zero-to-landfill commitment, all recyclables are carefully segregated for reprocessing, while residual materials are channelled into greener energy recovery pathways.

APPLICATION

Recognising a market shift towards energy recovery, with waste acknowledged as a valuable resource, Bloomfield Resources was keen to futureproof its waste management operation. But with a diverse range of input materials – and strict UK and export criteria to meet – it needed a high-throughput, energy-efficient, and reliable machine that could easily scale, backed by an equally credible team of shredding experts. Selected for its hard-earned reputation, UNTHA quickly proved its worth by delivering on-site trials, championing consistent performance and offering end-to-end support spanning installation, training, and aftercare.

SHREDDING SOLUTION

With its single-step shredding process, the XR3000C mobil-e is a strong workhorse, combining an efficient electromechanical drive with flexible mobile functionality. Thanks to its slow-speed, high-torque technology, it delivers consistent <90mm fractions at 22-25 tonnes per hour, enabling Bloomfield Resources to meet strict specifications at pace. Meanwhile, advanced features, including in-built tracks and an overband magnet, optimise waste handling processes further. Ferrous and non-ferrous metals are segregated for reprocessing, and the remaining shredded waste is sent to a local waste-to-energy facility to produce alternative fuel.

The XR3000C mobil-e's Eco Power Drive – which consumes up to 75% less energy than diesel-powered shredders – boasts significant financial and environmental benefits too. As well as future proofing the business as the industry shifts towards a more circular economy, it reduces disposal costs, curbs unnecessary emissions, maximises material recovery, and streamlines operations, all contributing to a faster return on investment. And with instrumental aftersales and servicing support, the shredder always operates at peak performance.

REQUIREMENTS

- Reliable performance with minimal downtime
- High-throughputs capable of handling diverse waste streams
- Consistent particle outputs to meet UK and export quality
- Mobile functionality for operational versatility
- Energy efficiency to curb costs and boost sustainability
- Proactive and professional aftersales support

> UNTHA shares Bloomfield Resources' hunger to reframe global conversations surrounding waste. So, when Scott and the team sought our support, it was a partnership we were proud to get behind. With such a vast range of waste materials and demand for high throughput, on-specification shredding, there was no better match than the XR3000C mobil-e – a proven, energy-efficient powerhouse trusted by brands worldwide for its precision, performance, and flexibility.

– Gary Moore
Sales director, UNTHA UK