

# Case Study



CRJ help FCC Environment increase processing capacity, save money and reduce landfill waste.

## The Customer: FCC Environment

FCC Environment are one of the UK's leading waste and resource management companies, helping thousands of businesses and communities waste less and recycle more.

FCC Environment operate a number of Refuse Derived Fuel (RDF) facilities across the UK, including one at Kirkless, Wigan. The RDF is produced from combustible components of municipal solid waste (MSW).

The waste is shredded, processed, baled and then incinerated to produce electricity, thereby making good use of waste that otherwise may have ended up in landfill.

## The Challenge: To increase throughput and reduce diversion to landfill

FCC Environment's facility at Kirkless, was experiencing processing issues with the throughput of the plant. This was caused by the bulky solid waste blocking up areas of the plant, resulting in downtime.

Shane Harrison, Area Manager at FCC Environment, explained "We needed a quick solution to 'pre-break' the more bulky material to a uniformed size. This would then avoid blockages, allowing all our solid waste to be processed by the plant."

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CRJ WORKING TOGETHER WITH:  FCC Environment



## The Solution

CRJ supplied a range of machinery and FCC Environment, found the HDWV-D 700x2000 shredder was best suited to their needs. The shredder was evaluated over a three and then six month period in order for FCC Environment to evaluate its impact on their operation. The hire has now been extended to a 12 month period as the machine has successfully shredded the material to a uniformed size of between 250mm-350mm, thereby resolving the issues with blockages and throughput.

In addition, the site at Kirkless also processes Household Waste Recycling Centre waste. "This was a bonus for us as the HAAS shredder provided by CRJ is extremely versatile, with specific settings for various waste types, again helping us to divert more waste from landfill." Said Shane.

"We came to CRJ as we had an existing relationship. We valued their knowledge of waste shredders and also the personal service from Rob Symons. Continuity of our operation is also critical and as CRJ have their own engineering team with their promise of being on site within 24 hours, we were confident that any issues would be dealt with quickly."

Rob Symons, Sales Director at CRJ added, "Our aim is to enable our customers to become more profitable by offering them the best machines in order to achieve maximum throughput. In this case, our knowledge and personal service meant we could advise and act quickly to produce an effective solution."



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CRJ WORKING TOGETHER WITH: 

[www.crjservices.co.uk](http://www.crjservices.co.uk)

### RECYCLING EQUIPMENT HIRE AND SALES

To find out more about CRJ's fleet of HAAS shredders, please contact us:

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E: [enquiries@crjservices.co.uk](mailto:enquiries@crjservices.co.uk)

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