

Case Study

Our Company was asked to design a bespoke Dust Extraction System for a metal recycling plant.

The process captures loose rust deposits from scrap metal which are detached from the steel plates in a milling machine.

Dust is collected at source via an extraction point to the rear of the milling machine. A further point is connected to a bagging station, this point is designed to capture any remaining contaminant and to ensure that no dust makes it into the finished product.

At the request of the customer a pre-separation cyclone filter was fitted for the system with a rotary valve for the deposition of collected dust into existing hoppers. The system then connects to a reverse jet bag filter.



Due to expansion of the process an additional cyclone has been fitted to the extraction system by ourselves.