

Case Study

After failing its LEV Test we were asked to replace a Wood Dust Extraction System for an outdoor furniture manufacturer. The existing extractor was over fifteen years old and it had become more economic to replace the system due to low airflow.

Three workstations are covered by chop saws and our design ensured that each workstation was protected from dust exposure. Each workstation comprised of a rear capture box and hopper to ensure that all dust was captured in line with HSE recommendations.



The four bag dust extractor was selected as the customer wanted 100% usage of all chop saws. Even flow through the extraction system was ensured via balancing dampers and transport velocities of dust through the ducting were in excess of HSE recommendations.