

Case study 707

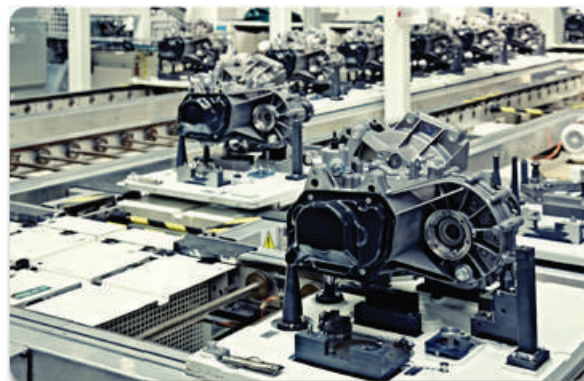
Car production line requires temporary ventilation

The manufacturing sector in particular is subject to stringent safety regulations that must be properly adhered to by companies operating within it. So when an automotive business required some hired ventilation equipment in order to uphold best practice standards, we moved quickly to ensure the correct solution was devised and implemented.

One of the industry's most highly regarded names needed to ensure a large battery was disassembled safely without causing any disruption to production. This process typically releases large volumes of dust into the air in addition to small metal particles – an obvious danger to those working on site. It was therefore imperative that steps were taken to remove all potential hazards and avoid compromising the health and wellbeing of engineers.

The initial enquiry was followed by a site survey which helped our technician ascertain area dimensions, thus enabling a recommendation to be swiftly provided. It was subsequently decided that an Andrews FV300 fan would be adequate to extract a sufficient volume of air from the application. This high-powered ventilation fan has been purposefully designed for mechanical environments and is capable of removing unsafe fumes and vapours.

Once deployed, our ventilation unit proved extremely efficient in carrying out the necessary task. By delivering the fan within hours of receiving contact from the customer, we were able to help salvage a fast-moving production line and eliminate the risk of costly delays.



Air flow (max) 5,100m³/h
Power supply 110V 1ph 50Hz Run 11.4A
Plug type BS4343 16A 110V
Generator size 5kVA min
Transformer size 5kW min
Duct length (max) 40 metres
Duct size 300mm
Noise level (max) 72 dBA @ 1m
Weight 95kg
Dimensions (mm) 631 x 822 x 1,054
Control Manual
Average power consumption 1.25kW/h



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