



Case Study

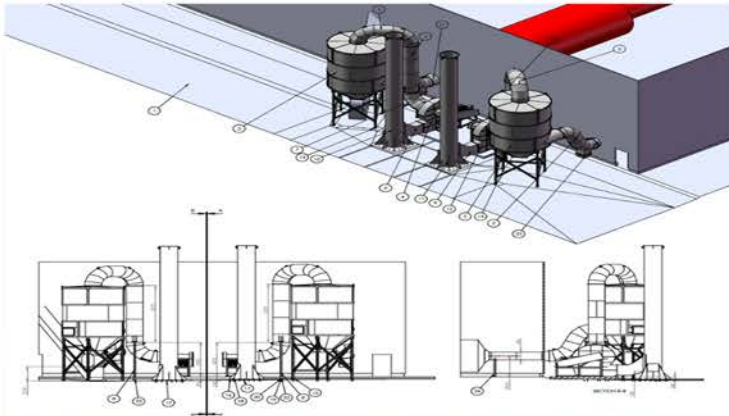
Manufacture of large Chimney Stacks and Cyclones for herb production facility



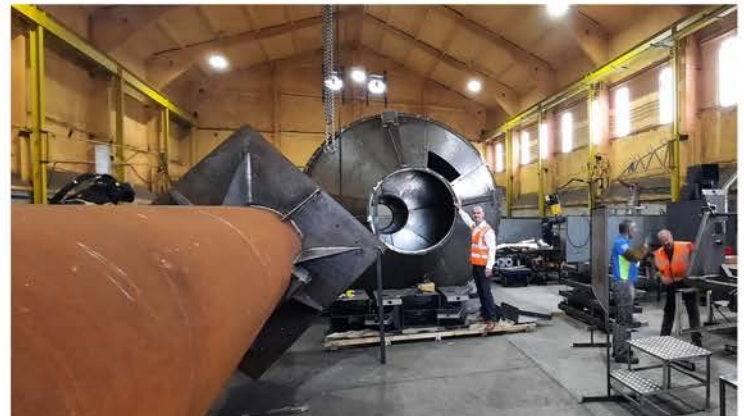
Project: Camstar Herbs - Suffolk

Main Works: Steel design fabrication Installation

Work completed: Cyclone Stack 3.5m diameter x 8m height, Ventstack 3.5m diameter x 11m height and 2 x 3.5m diameter fans powered by 180kw motors.



Design



Fabrication & Installation

Project Background

Camstar, a herb factory, was destroyed after a significant blaze. The external building structure was left standing but internally all the machinery suffered a total loss. Wrightfield were tasked to design and manufacture completely new Cyclone Fans, Ducting and Chimney Stacks. This equipment needed to be larger and of a higher specification to cater with expected increased product throughputs. To minimise production losses, a very tight timescale for design, manufacture, installation and commissioning was set.

Work completed

Due to the fire access to the site was limited which made aspects of the project challenging. During a 10 weeks, period our design and manufacturing team worked tirelessly to complete the manufacture of this new equipment. Wrightfield have since installed and it is now running to assist a more streamlined production.

Wrightfield Design, Fabrication & Installation

- Cyclone Stack 3.5m diameter x 8 m height
- Ventstack 3.5m diameter x 11m height
- 2 x 180kw 3.5m diameter fans
- Designed in house on SolidWorks by Wrightfield, working closely with client to meet production requirements and fit within existing infrastructure
- Manufactured in UK facility by the team over a 3 week fabrication process
- Full assembly and testing of component parts completed within the manufacturing facility before breakdown, transportation and installation in client facility

“The design and manufacture of the Camstar fabrication provided the perfect project for Wrightfield to showcase our engineering skills. Our large open manufacturing areas were perfect for assembling such a large fabrication.”

Mark Rose
Director

T: +44 (0) 1379 872800
E: sales@wrightfield.co.uk

Wrightfield
Progress Way, Mid Suffolk Business Park
Eye, Suffolk, IP23 7HU, UK
www.wrightfield.co.uk

