

# Howorth Air Technology – Pure Protection

## 5D High Containment Screen



## Howorth – Pure Protection

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*“For more than 150 years the Howorth name has represented technical creativity and expertise in air engineering and its application to climatise and control the working environment.”*



# High Containment Screens

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- Howorth's High Containment Screens are a simple but effective way of boosting the containment capabilities of any downflow booth
- The High Containment Screen is fitted into the booth and forms an actual barrier between the operator and the dust source, keeping all dust laden air close to the exhaust grilles of the booth.
- Available in a variety of sizes, materials and with optional extras
- Ideal containment solution for a wide range of processes
- Independent testing of Howorth's 5D High Containment Screen has confirmed that OEL's to nanogramme levels can be achieved.



# Howorth High Containment Screen Evolution

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**The 3D HCS**



**The 2D HCS**



**The 4D HCS**

**The NEW 5D HCS**



# The NEW 5D High Containment Screen

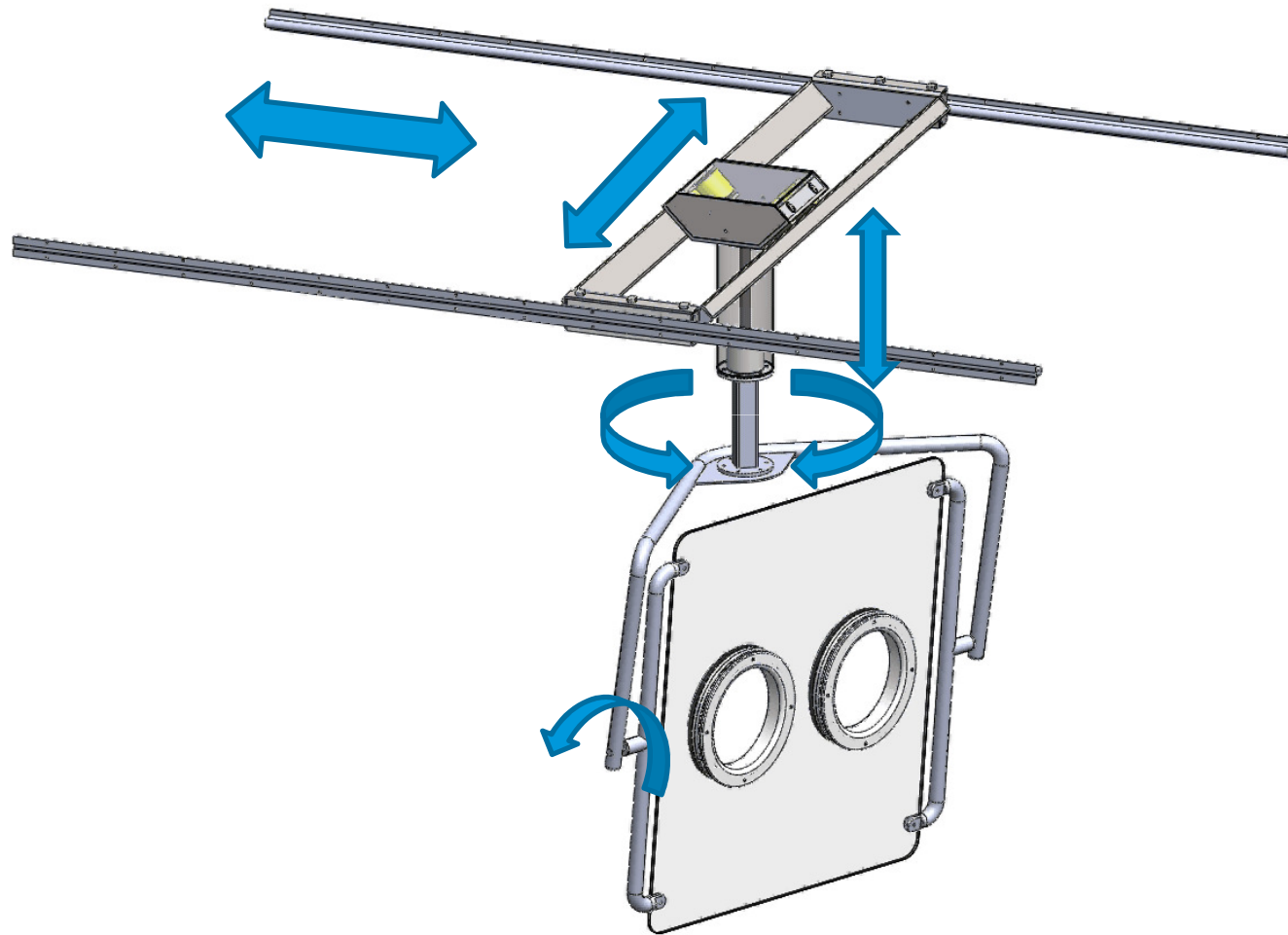
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- 5 Degrees of freedom
  - Side to Side
  - Forwards and Backwards
  - Rotate
  - Raise / lower
  - Tilt adjustment of 25° from 90° standing position
- Full movement within the Containment Zone only
- Height Adjustable over a 300mm vertical range
- Ergonomic benefits for operators including larger Oval gloveports
- Quotation guidelines to help the customer get the appropriate HCS to suit their Downflow Booth



# The NEW 5D High Containment Screen

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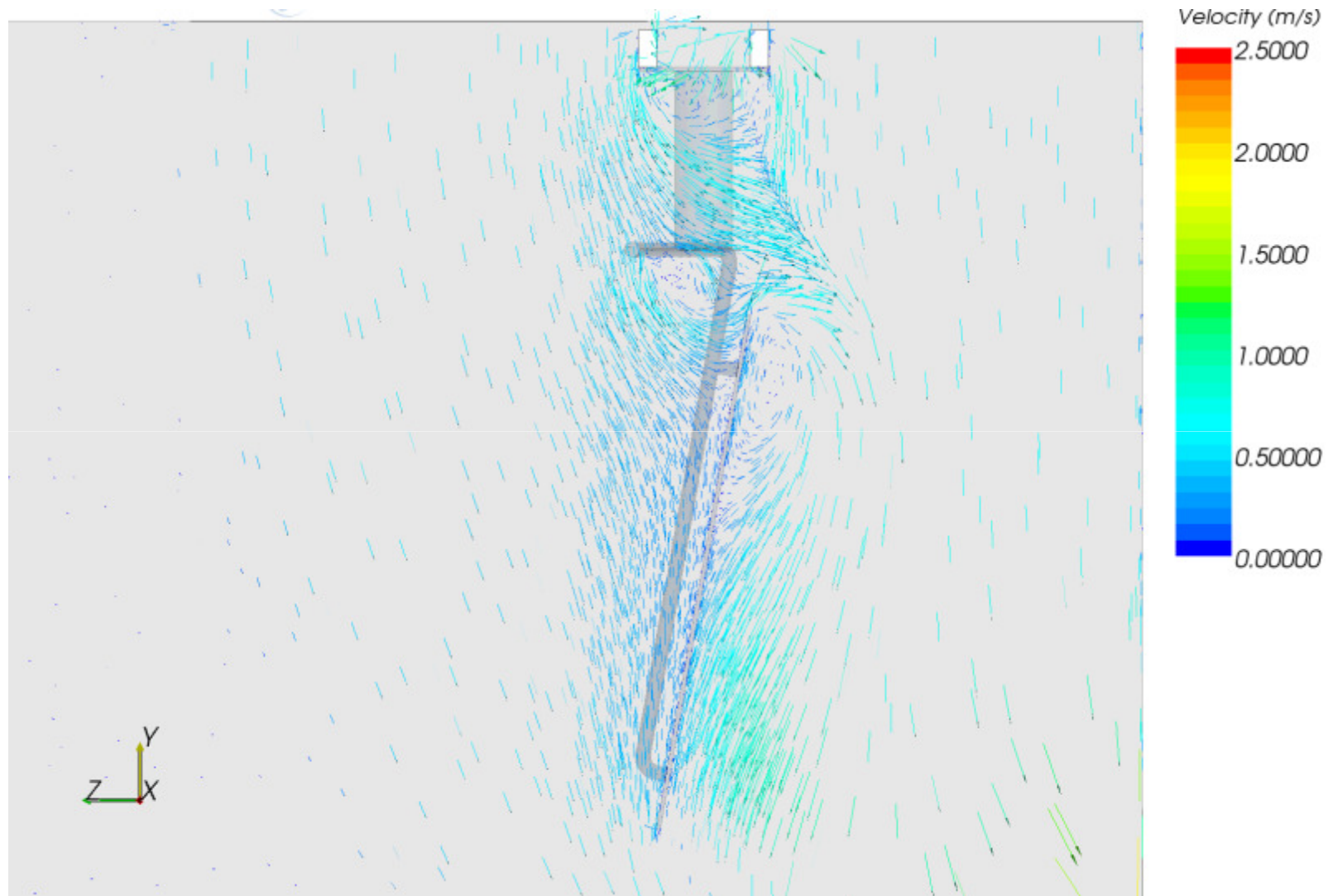


# The NEW 5D High Containment Screen

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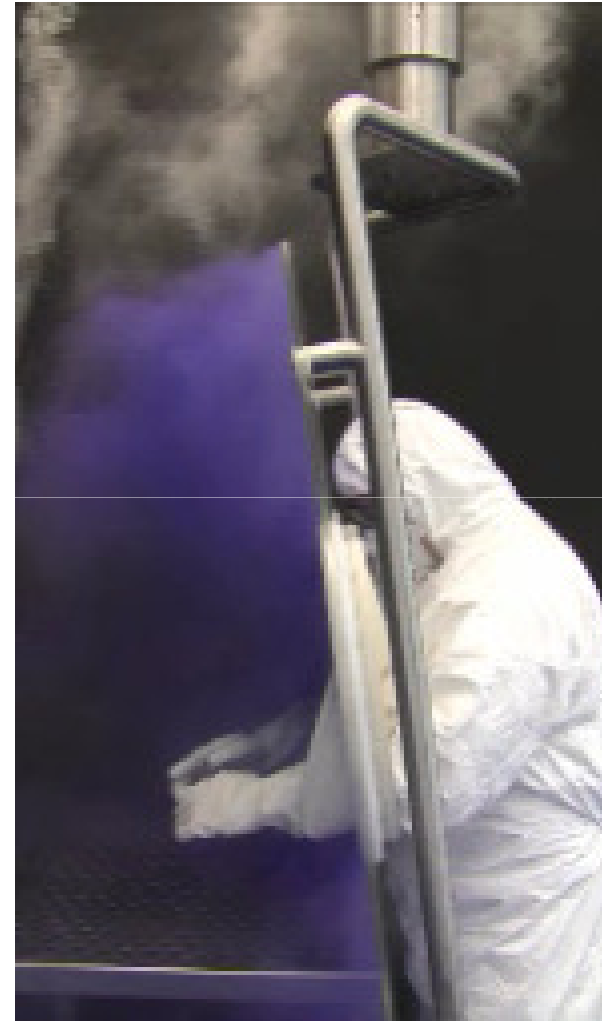


# The High Containment Screen – Flow Visualisation



## The High Containment Screen – Smoke Visualisation Study

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FOR THE PUREST AIR...



*Safe and secure in  
the knowledge that  
we deliver*

