



Furnace Engineering

Leaders in Heat Processing Solutions

Carbon Fibre Furnace Atmosphere Curtains and Coolers



Furnace Engineering has developed atmosphere curtains and coolers designed specifically for Furnaces making carbon fibre.

Key curtain features are:

- Very good atmosphere sealing preventing entry of air.
- Preventing egress of the hazardous fume.
- Ends can be sealed when not in use.
- Minimising nitrogen consumption.
- Effective cooling of the emerging fibre while under inert atmosphere.
- Cooling down to ambient.
- Reduction of entrained air in the fibres.
- Accessibility to furnace chamber for cleaning.

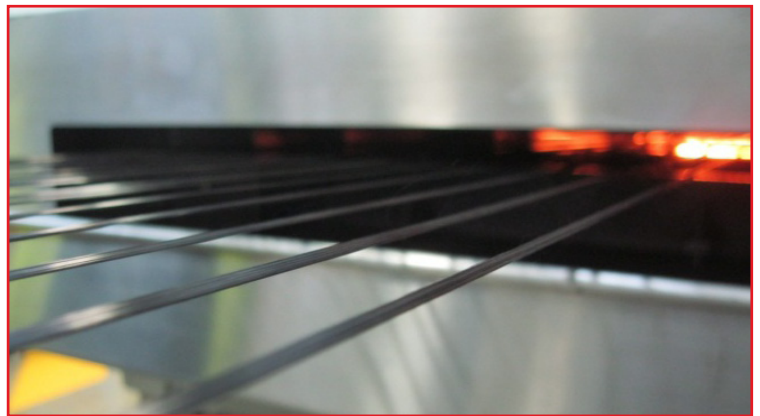
Cooling the Exiting Fibre

Furnace Engineering has designed a unique cooling method for cooling the tow band. It addresses two issues simultaneously, reducing energy consumption and actively cooling the fibres down to ambient in a short space.



Atmosphere Curtain

Patent Pending No. 61/762,649



Carbon Fibre Tow Bands entering the Hot Furnace

Furnace Engineering designs draw on 40 years experiences as a leader in turn-key high-temperature continuous atmosphere controlled furnaces. Our customers are world leaders in their fields. Our teams supports installations around the world.



Quality
ISO 9001

SAI GLOBAL

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2009 Governor of Victoria

Export Awards

Commendee

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