



Case Study

High Temp Plug Fan for Furnace Engineering

Morse Air Systems has recently been supplying Furnace Engineering with a new generation high temperature plug fan. Furnace Engineering is one of Australia's premier designers and manufacturers of heat processing equipment and Morse Air Systems has enjoyed a long standing relationship with them.

On a recent project the end user had a space limitation issue which meant that the standard piggy back belt drive arrangement for the fan would not fit. Through a close working collaboration between the Morse Air Systems engineers and the design team at Furnace Engineering a new design evolved.

The new design resulted in a simpler design including the following features:

- Single setup for motor adjustment without the use of slide rails or a separate jacking plate
- Easier access for belt tensioning
- Strengthened main frame structure to support larger motors
- 3 piece belt guard to assist with installation and maintenance

This project highlighted the benefits of having close working relationships between customers and suppliers. Fostering such relationships is a clear focus of Morse Air Systems, why not put us to the test?

Morse Air Systems would also like to congratulate Furnace Engineering who are celebrating this years 40 years of experience in the in the design & manufacturing of Furnaces, Heat Processing Equipment and Engineering Services.



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