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## Insulock Removable Thermocover Process



The success of any removable insulation cover is determined by the design of the cover and the materials used to construct it. Thermocovers are unique products that undergo extensive design, measure and manufacturing process. This process results in longer lead times than other traditional insulated products.

Generally once a purchase order is received and only when a purchased order is received we would quote a lead time of approximately 3 weeks until delivery and or installation. As most Thermocovers are unique, we are designing a new Thermocover for every order. As a result this can sometimes lead to extensions in lead time and Insulock will endeavour to do their best to maintain production schedules as quoted.

This lead time is also subject to change due to factory loading, this can be verified at the time of placing an order. A purchase order determines the order we schedule the design and manufacture of all Thermocover orders.

If a Thermocover is urgent then please contact the factory to discuss your specific requirements.

*All Thermocovers are 100% Australian Made and Designed*

### **Thermocover Process**

- Original site measure drawing transcribed and 3D computer model produced.
- 3D Model used by Industrial Designer as base design for cover.
- Cover design converted to digital cut pattern for computer controlled robotic plotter cutting table.
- Thermocover outer casing machine stitched.
- Insulation material and closures measured and cut.
- Final stitching and assembly.
- Delivery or installation



Figure 1

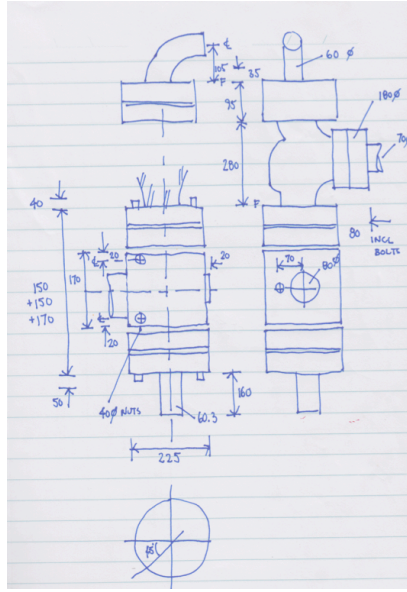


Figure 2

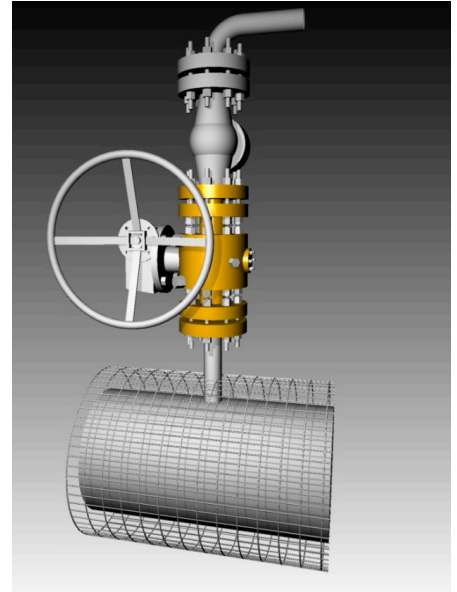


Figure 3

### Outline of Thermocover Process

When an item is required to be insulated *Figure 1*, Insulock will send a qualified sales engineer to measure the item and provide detailed drawings of each item requiring insulating. *Figure 2*

Once a purchase order is received, Insulock will commence production and attempt to complete the Thermocover with in the stated lead time.

These drawings are then transcribed in house using the latest computer software to create a 3D model of the equipment. *Figure 3*

This model is then used by a industrial designer to design the most accurate and thermal efficient cover on the market. *Figure 4*

The design is then converted to a digital pattern and cut using a computer controlled robotic plotter

cutting table to ensure unrivaled accuracy. *Figure 5*

All outer casings are then machine stitched. Appropriate insulation and closure systems are selected and manufactured to complete the cover.

During final assembly everything is checked to ensure that there are no production faults.

Cover is then finished and ready for install. *Figure 6*

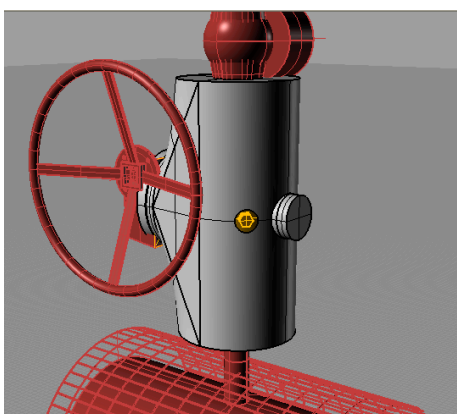


Figure 4

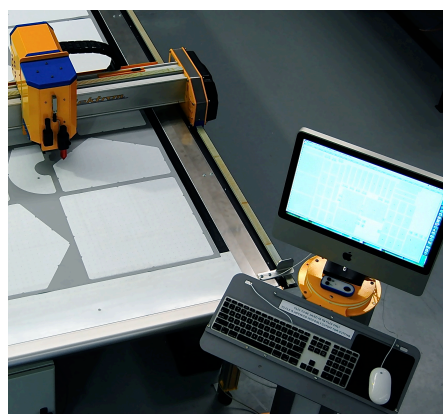


Figure 5



Figure 6