

## **Cost-Out Option – Injected Soluble Cores**

Soluble cores are increasingly required to manufacture the complex castings demanded by customers. The purchase of injected soluble cores offers the foundry a simplified production route and increased production capacity.

Water soluble wax products are typically much more viscous than pattern wax and therefore are more problematic and expensive to manufacture. The purchase of ready to use soluble cores offers the foundry a cost effective alternative.

Blayson offers a speciality injection service to investment casting foundries by manufacturing these difficult but critical components for them.

### **Soluble Cores**

- ❖ **Excellent surface finish**
- ❖ **Facilitates increased production without capital expenditure**
- ❖ **No down time to switch from pattern to soluble wax and back**
- ❖ **Maintains full pattern production**
- ❖ **Exact requirements supplied**
- ❖ **Production scheduling facilitated**
- ❖ **Energy savings – no melting of wax**
- ❖ **Space saving - no requirement for wax storage, wax tanks**
- ❖ **UV sensitive dye allows simple checking for complete leaching**

### **Quality**

As a specialist wax manufacturer with state of the art wax injection and conditioning equipment, Blayson has a dedicated soluble wax tank so high quality cores can be manufactured quickly and effectively using customer supplied tooling.

For advice on leaching soluble cores go to [www.blayson.com](http://www.blayson.com) and select the 'Technical Advice' tab and download 'Soluble Cores – Leaching Guidelines' pdf.

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