



New manufacturing process - a success for Utternbåtar

Utternbåtar use today the closed manufacturing process **vacuum infusion** for manufacturing of hulls and decks to their most popular models. The reasons to implement new technology are several, according to Jan Buckhøj, Managing Director of Utternbåtar. - "We are constantly conducting an active work concerning environmental issues, foremost to reduce the emission of different volatiles such as styrene. With vacuum infusion we also see a great potential to further enhance the quality of our products. A third factor is the possibility to increase the productivity."



The co-operation started fall 2003 with the process development for manufacturing of the 5.5 m hull. After the initial development work, moulds for vacuum infusion were manufactured and the first hull was produced in December 2004. Currently approximately 30 % of all hulls are produced with vacuum infusion – some with integrated beams!

- For us the co-operation with SICOMP has been very successful, says Jan Buckhøj. With SICOMP's competence within process technology and our knowledge of process adaptation, all expectations to develop a rational and environmentally acceptable manufacturing process have been fulfilled to everyone's satisfaction, concludes Jan Buckhøj.

SICOMP – Your resource for Process development

SICOMP has high competence and long experience of process development of composite components manufactured with closed mould processes (e.g. RTM, vacuum infusion), filament winding and compression moulding. In our well equipped process laboratory we offer services in:

- Process choice
- Process optimizing
- Material choice
- Process development
- Prototype manufacturing
- Testing
- Implementation
- Education

Please contact **Lars Liljenfeldt**, +46 (0)911-744 40, lars.liljenfeldt@sicomp.se, for discussion how we can support you and your company. More information about SICOMP and our resources can be found on www.sicomp.se