

**« THE MACHINES » HAS DEVELOPED A SPECIFIC PROCESS**

For reinforced multilayer composite pipes

**THE Machines has conducted an intensive development and test program to achieve high pressure resistant multilayer composite pipe constructions for various applications such as:**

- AC (air conditioning) installations
- Hydrogen transport
- Industrial applications
- Raw material reduction projects

A double central binder solution makes it possible to produce variable pitches with different types of filaments adapted to the specific process and at remarkable production speeds:

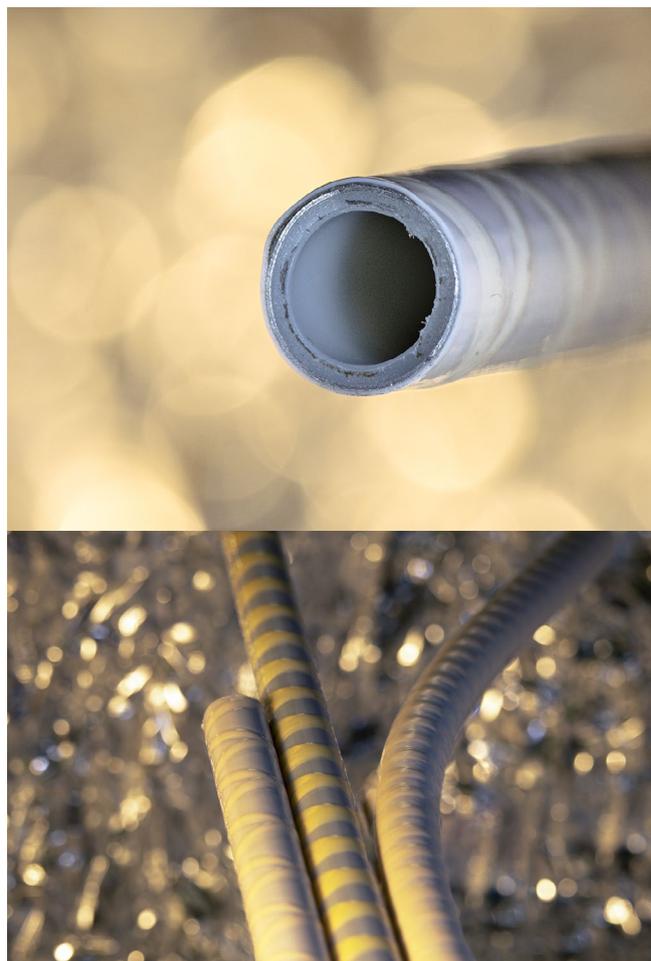


Double central binder test device in a MFWL063 line

The final version, based on the well proven THE binder technology SBH2500/4000 (rotation speed up to 4000 rpm) will be available for sale during the third quarter 2023.

The new double central binding unit will be available as a stand-alone solution for easy integration into any existing production line. For THE MFWL series (Multilayer Forming/Welding Lines) a fully integrated user interface including a recipe system for different pressure ranges has also been developed.

For basic lab testing, please request different samples of 16 x 2 mm reinforced composite pipe from our Product Manager Metal, Mr. Thierry de la Harpe ([delaharpe.t@the-machines.ch](mailto:delaharpe.t@the-machines.ch)).



SBH4000 (with link to homepage)

<https://youtu.be/m3bK2dEL1wU>

