



Boiler subassembly pre-fabricated by SERTO, mounted and installed by customer



Boiler unit in the coffee machine ES 5100, SERTO unions join the media-conveying lines with the espresso module



Boiler unit in the coffee machine ES 5100

Example of Application

Wittenborg A/S - Stainless steel tubes and brass unions in beverage vending machines

Wittenborg, a Danish coffee machine manufacturer, has been a part of the N&W Global Vending Group since 2000. As specialists in snack and beverage vending machines, the Group has cornered 40% of the European market. They benefit from the technical expertise and market know-how of equally specialised providers.

DK-5000 Odense www.nwglobalvending.com
Manufacturer of beverage vending machines

Wittenborg A/S was founded in 1924 and was primarily active in Northern Europe. The company is one of the leading developers and manufacturers of beverage vending machines, particularly freshly brewed coffee. The Wittenborg brand name is recognised in over 100 countries.

In 2000 the Danish firm Wittenborg merged with the Italian company Necta (espresso experts) to form the N&W Global Vending Group. In the meantime, four companies have been united under one roof. The Group sells snack and beverage vending machines. Their figures are impressive: 1,800 employees world-wide, 6 production plants, 15 subsidiaries. Over 100 employees work in research & development. Their innovative strength is demonstrated in over 100 patents. The annual production of 400,000 machines for OCS (Office Coffee Service) and HoReCa (Hotel-Restaurant-Cafés) and 200,000 vending machines covers, according to the company's information, 40% of the European market.

APPLICATION

SERTO products: **Stainless steel tubes 6mm, brass unions**
Installation: Tubing to the boiler unit of the espresso module

PARAMETERS

Medium: Water, steam
Pressure: max. 16 bar
Temperature: 90°C

After a brief co-operation with a Swiss coffee machine manufacturer, the attempt to manufacture the brewing unit of an espresso module in-house was launched. A lack of quality and professionalism in the tubing, however, caused problems so that Wittenborg decided to secure the know-how and products from SERTO: The beginning of a success story!

"Once we had outsourced the production of the boiler unit for the espresso module to SERTO, the desired quality and reliability was finally achieved. Wittenborg is convinced that the benefits are far greater than the slightly higher costs."

Marianne Kristiansen, Mgr. Technical Operations, Wittenborg A/S, Odense (DK)