

Stalmannen, in Sweden, specialise in tube manipulation from coil.

The coil specialist



Such applications require the use of **titanium, stainless steel, aluminium and copper pipes**; all materials that often soar in price and are subject to considerable fluctuations that force the users to search for increasingly competitive suppliers and production means.

"Efficient production systems are therefore essential. The use of the PLANET tube benders gives us the possibility to **start from a coil**, processing it over three shifts, even with one operator supervising two machines, **producing the least amount of scrap**, draw bending or compression bending, swarfless cutting or performing integrated endshaping and serpentine with a maximum 2,000 mm pitch".



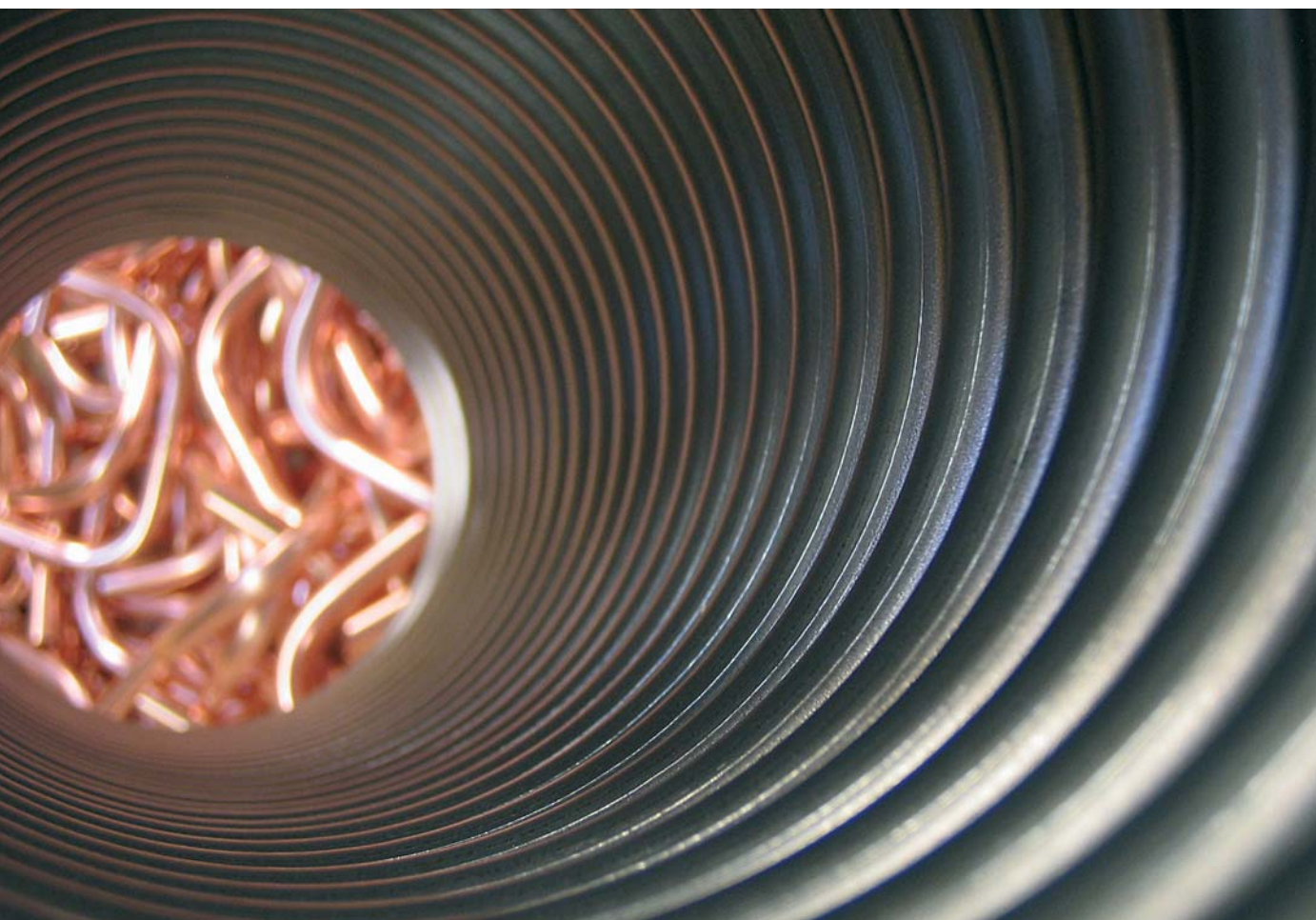
The specialisation of the Swedish company Stalmannen, is very particular and unusual: i.e. **to bend and process tubes, from coils and "noble" materials only**. This is a detail that Magnus Aretjäll, owner of the company, has been proudly promoting since 2004 when he took-over his father's company that was founded back in 1976. This courageous choice shows how specialisation pays off.

Technology is inevitable

To be able to process tubes from coil requires efficient technologies that provide **savings in material and perform various processes in line** automatically. "These are features that apply to all the Planet tube bending machines produced by the BLM GROUP", emphasises Mr. Magnus.

With three tube benders installed in the line, together with a tube endformer and three-dimensional tube measuring system, Stalmannen is able to supply **hundreds of thousands of tubular components per year**, many of which are used in new and innovative sectors: heat exchangers for sea water swimming pools, fuel distribution systems, solar panel fluid tubes, heating pumps and still many, many more.





Aluminium and titanium: two success stories

"Stalmannen processes **4 to 22 mm diameter tubes**, from coils only, as already outlined, and this helps us to be more competitive compared to the supply of cut-to-length tubes" says Mr. Magnus. "The experience gained over the years has helped us to offer various solutions to our customers and make them save even up to 50% compared to the past. In various applications, for example, **copper can be substituted with aluminium** which, although it has the same diameter, is lighter and easier to work. As to costs,



the savings are considerable if you think that a 2,000 kg copper coil can cost € 15,000 and one of the same length in aluminium that weighs only 600 kg costs only € 3,000".

"Another example, of a different nature – continues Mr. Magnus – is the use of titanium tubes instead of stainless steel for heat exchangers handling sea water. **The high level of corrosion makes the use of titanium far more convenient** and guarantees without doubt a longer life." Taking a look at the numbers is the best proof to support these choices: 200,000 linear metres of worked titanium tube per year is outstanding evidence.

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