



Tube coiling machine

on thermodynamic tank

● **Mechanische Studien**

● **Realisierungen**

● **Verkabelung**

○ **Steuerungen**

This semi-automatic station **coils an aluminum tube on a thermodynamic tank**. The station consists of a coiling machine and a coil unwinder.

The tank is loaded manually and horizontally by an operator using a mobile cart.

During the rotation of the tank, **a pulling head unwinds the aluminum tube** while **moving transversely to obtain a coil** with a defined pitch.

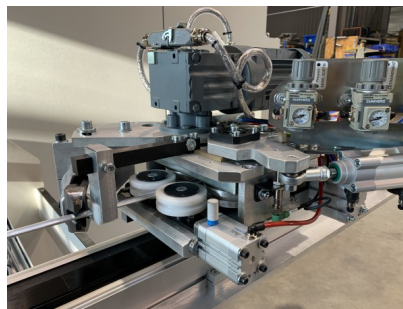
At the same time, a gun applies a **thermal paste** to the tank to ensure optimum heat transfer.

When the coiling operation is complete, the tube is cut by an **automatic shear**.

The machine allows evacuation of the finished tub.

SPECIFICATIONS :

- **Dimensions : 3580x3200x1500mm**
- **Weight : 1800 kg**
- **tank diameter : 500 mm**



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