CEREST
Ingénierie Industrielle - Machines spéciales



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.

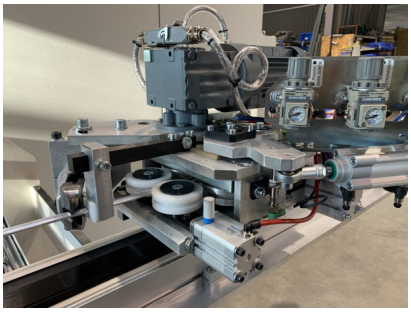
When the coiling operation is complete, the tube is cut by an **automatic shear**.

The machine allows evacuation of the finished tub.

SPECIFICATIONS :

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







Ref : 3606

Leistung hinzugefügt 07/07/23

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