



Tube coiling machine

on thermodynamic tank

Mechanical engineering

Realizations

Cabling

Machines

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







Reference: 3606

Project added the 07/07/23





