

Reichmann & Sohn GmbH

## Reichmann uses environmentally friendly district heating



**The medium-sized mechanical engineering company Reichmann & Sohn is now using the newly developed district heating network in the industrial area of Weissenhorn. Thus, Reichmann contributes to the reduction of CO<sub>2</sub> emissions.**

As part of the ongoing modernization work on the company building and production hall, Reichmann & Sohn is replacing the existing oil heating system with an environmentally friendly energy source. With the connection to the newly developed district heating network in Weissenhorn, Reichmann makes a contribution to climate protection by significantly reducing CO<sub>2</sub> emissions. According to a prognosis for the future consumption of so-called "useful heat" with district heating, including the conversion of the production hall to radiant ceiling panels, Reichmann saves about 267 tons of CO<sub>2</sub> annually compared to the previous oil-fed heating system.

### **Energy production from existing waste-to-energy plant**

The new district heating network is supplied with waste heat from the waste-to-energy plant in the industrial area of Eschach. Over a distance of 1.5 kilometers, hot water is transported from the waste incineration plant to the adjacent industrial area. Utilizing the previously unused waste heat of the waste-to-energy plant as an energy source makes a decisive contribution to the relief of the environment. By switching from fossil fuels to district heating, CO<sub>2</sub> emissions can be measurably reduced. According to the managing director of the operating company FWW, Markus Hertel, in 2018 already 1,300 tons of CO<sub>2</sub> could be saved by the new district heating network in Weissenhorn. With the addition of more buildings and companies, this figure is estimated to double for the year 2019.