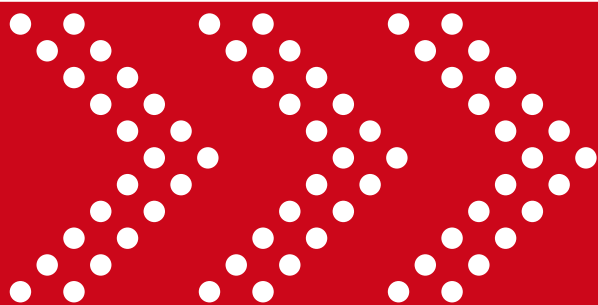




# Thick screens – small openings

The solution for  
accessible drying floors





There are special requirements for the storage and drying of agricultural produce to guarantee a steady high quality. As high humidity, fungi and rot could have adverse effects, an efficient ventilation system is crucial for a controlled process environment.

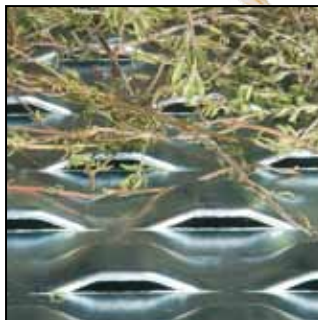
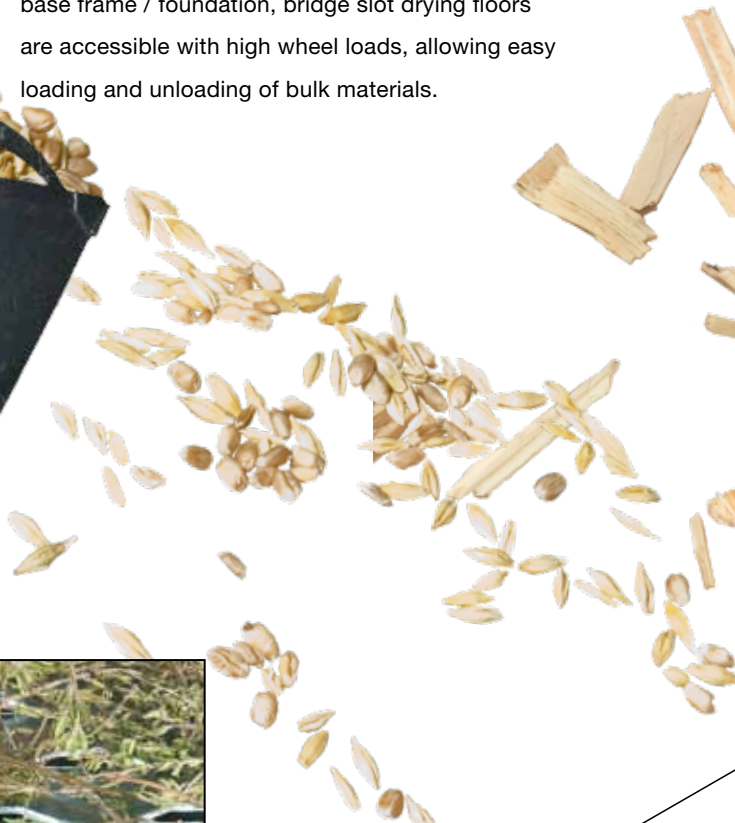
**At RMIG, we offer support in choosing appropriate drying floors**

You can rely on our long-standing experience and expertise in consulting, production and delivery of quality products.

**Sustainable screens – small openings**

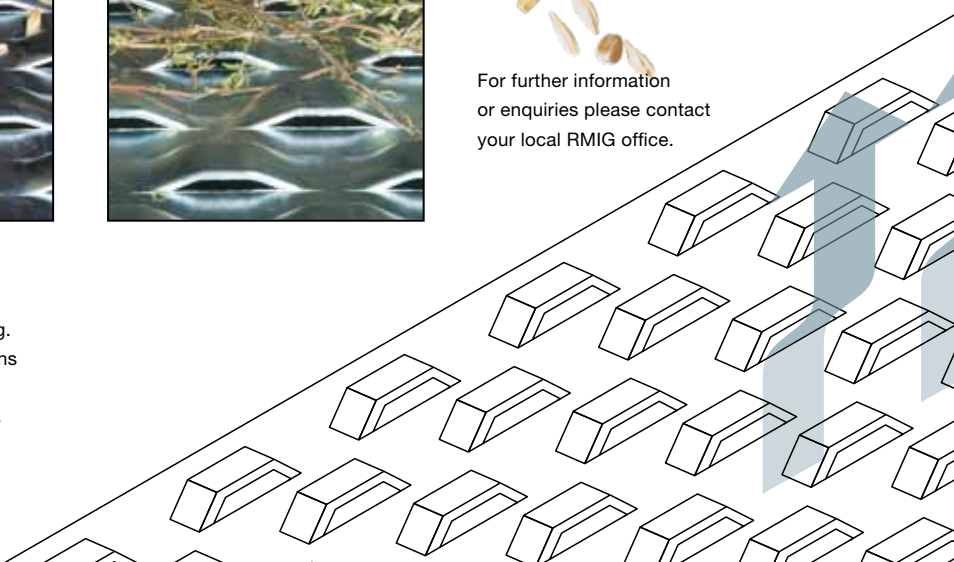
If fine-grained materials are to be dried or stored, small openings with a maximum open area are required. Bridge slot holes offer this: with an embossed depth of 1.5 mm the open area reaches 3.7% and with 3 mm depth the open area reaches 9.1%.

These screens not only guarantee a large area air flow – the shape of the punch can allow for material thicknesses (up to 5 mm). With the appropriate base frame / foundation, bridge slot drying floors are accessible with high wheel loads, allowing easy loading and unloading of bulk materials.



For further information or enquiries please contact your local RMIG office.

Bridge slot drying floors for fine-grained produce such as tea and other herbal plants, e.g. marjoram or thyme (right), grains of all kinds, e.g. corn, canola, barley or wheat (middle), grass seeds (left) or wood chips.



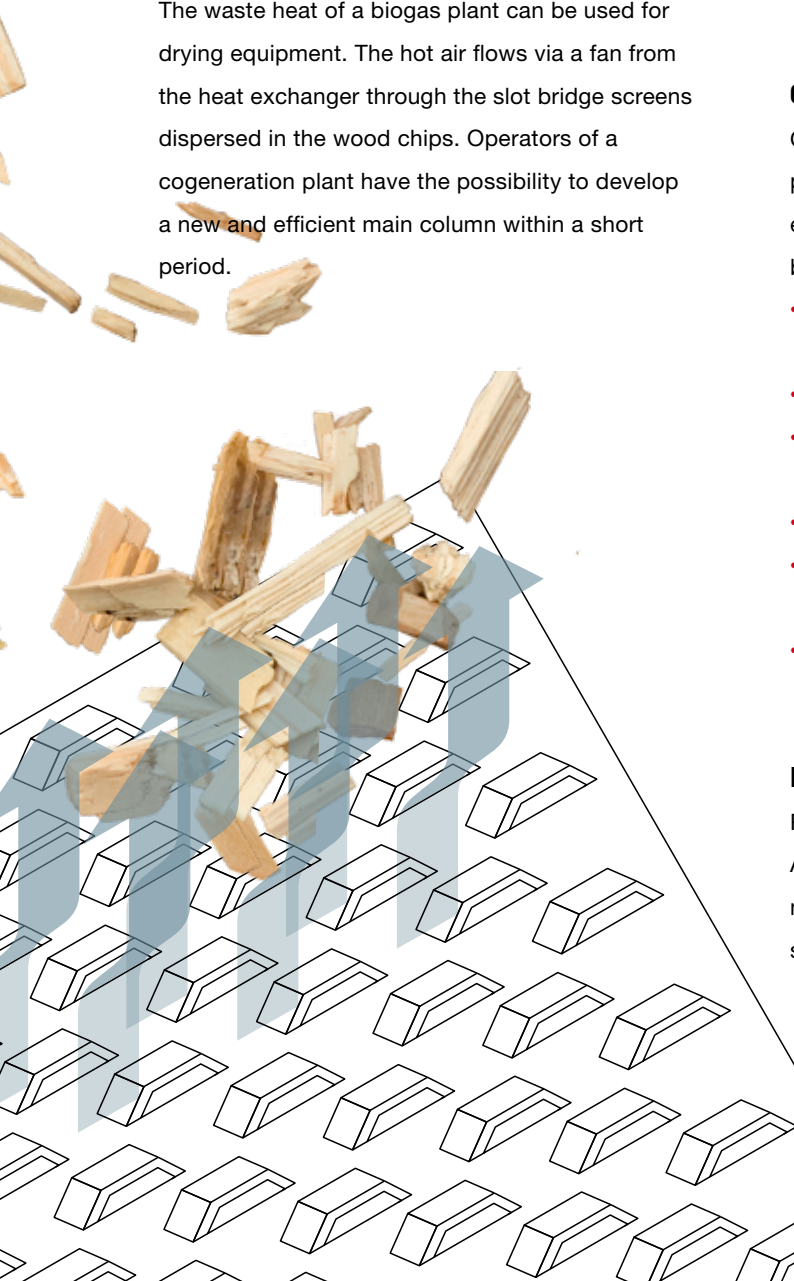
# Bridge slot screens from RMIG



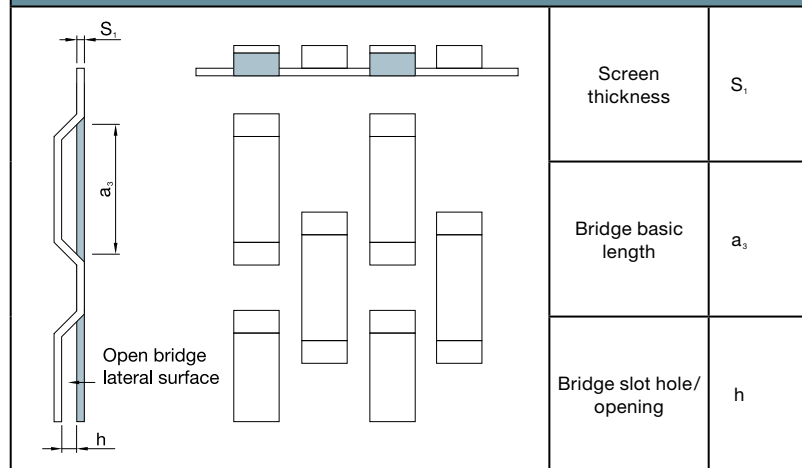
## Utilisation of waste heat from biogas plants for fuel drying

When wood is used in fireboxes / furnaces of up to 1000 kilowatts, the Clean air for Europe (CAFE) pollution programme states dictates a maximum water content of 20 percent (equivalent to 25 percent moisture). The drying process increases the heating value, thus making it more energy efficient with lower emissions. Additionally, the material can be stored much longer and the cost of transportation can be reduced. Regardless of the weather, the drying process can be completed by continuous ventilation and the yield of the material can be increased.

The waste heat of a biogas plant can be used for drying equipment. The hot air flows via a fan from the heat exchanger through the slot bridge screens dispersed in the wood chips. Operators of a cogeneration plant have the possibility to develop a new and efficient main column within a short period.



## Bridge slot holes – technical details



## Our service

Our bridge slot screens are critical for the drying performance and efficiency of the ventilation equipment of our partners. Tailor-made solutions based on experience and innovation are our focus:

- Production according to your measurements in different thicknesses/gauges
- Drilling of mounting holes and bending
- Additional and replacement delivery of your existing ventilation panels
- Short delivery times
- Technical advice on site and accompanied visits to referred plants
- Mediation of partner companies for base frames / foundation and assembly

## Market leader in Europe

RMIG is the largest perforation Group worldwide. All our plants in Europe have a common quality management system based on the ISO 9001:2008 standard.

We hope this gives you an insight into our capabilities as a reliable partner for the agricultural sector. In addition, we offer an extensive range of perforated stock sheets of over 1,000 items. You can rely on 150 years of experience in the perforation industry. We are not only the leader in standard stock sheets, but also in our services to produce tailor-made items based on your demand. All of our product and service catalogues are available at [www.rmig.com](http://www.rmig.com).



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