

## **Tailor Made Perforation**



As the world's largest manufacturer and supplier of perforated metal, RMIG can not only provide you with every type of perforated product you could ever want, but can also work with you to create the perfect perforation solution for your application – whatever it may be.

Intricate fine hole perforation for filtration. Large, decorative perforation for prestige buildings. Heavy industrial perforation for power stations and major construction projects. RMIG has the capability and the know-how to tailor-make every type of perforation to the highest quality.

And with manufacturing units and sales offices in 13 European countries, we're as convenient as we're capable.

### **Stock Sheets**

For urgent order fulfilment, we hold a wide range of perforated sheets in stock with a variety of hole configurations. These are normally available for immediate delivery.













With so many different potential applications for perforations in agriculture, specialist expertise and advice are essential.

Our years of experience mean we can ensure you get the correct perforation pattern for the job, to deliver the optimum results. From grain sorting and drying, to sieves and parts for agricultural machinery.

We have particular expertise in the sugar industry. High quality centrifugal screens, with precision slot or round hole perforations are available with aligned lock–lap joints for easy mounting. Additionally RMIG manufactures durable mud filter and pulp press screens with accurate hole perforations to ensure optimum filter efficiency. Perforated screens are also available for washing, conveying, sorting and a wide range of other agricultural applications.

> RMIG can create the solution to do the job you want, whatever the job may be.

# Agriculture









RMIG has in-house expertise in the development of perforated products for the chemical, pharmaceutical, mining and offshore industries, as well as many others. We also have the tooling and materials to meet the specific needs of numerous processing applications.

Whether you require small, high-precision perforation in thin material as used in the sugar industry, or large holes in thick sheets for heavy duty use in the mining industry – RMIG can create a perforation processing solution that's perfect.

#### Water

Both the fresh and waste water industries require perforated products for many applications.

### Chemicals

From walkways to sophisticated filtration systems, perforations play an important role in the chemicals industry.

### Food

Perforated materials are used extensively in the food processing industry, due to their wide range of useful qualities.

#### Brewing

The use of perforated products in brewing covers many different types of applications, from flooring to filtration.

#### Pharmaceuticals

Perforated materials have many qualities which are valuable in the challenging pharmaceutical environment.

## Processing



The water industry can present special challenges in the use of perforation products. After all, the essential element of the industry is inherently aggressive towards the materials used in water processing. To overcome these problems RMIG uses special materials, such as austenitic stainless steel to ensure corrosion resistance.



### **Petro-Chemicals**

Perforations have numerous uses in the petro-chemical sector: from industry specific applications such as filtration, to oil and gas exploration and more general applications such as walkways in chemical plants. The corrosive and dangerous nature of many chemicals makes RMIG's high manufacturing standards essential.





### Food

The most obvious demand of the food processing industry is for high levels of hygiene, which perforated materials are more than capable of meeting. These materials are also strong, with notable thermal capabilities, making them useful solutions for a wide range of food processing applications.

### Brewing

The brewing industry makes wide use of perforated materials. At one end of the scale, perforated materials are excellent for filtration – being hygienic, corrosionresistant, and capable of being finely perforated. At the other extreme, perforated materials are ideal for applications such as malting floors.





### Pharmaceutical

Perforated materials achieve high tolerances during their manufacture, and are also well suited to use in sterile environments. These two qualities make them the preferred choice of the pharmaceutical sector for a wide range of applications such as sterilisation trays.



Few industries set higher standards than the automotive sector. Strict specifications and stringent quality controls mean that only the most experienced manufacturing companies can meet the industry's demands. RMIG has the experience.

Our products are in use in applications ranging from airbags to exhausts, and from ventilation systems to fascia grilles. They are designed not only to protect the components from heat and damage, but also to protect people from injury by the components.

Automotive manufacturers strive constantly to keep vehicle weights to the absolute minimum consistent with safety in their search for maximum fuel efficiency. Combining structural integrity, strength and light weight, perforated metal is an excellent solution to the problem.

## Automotive & Transport



Perforated material performs not just one function in the electronics sector, but three: protection, aesthetics and performance.

Protection involves protecting sensitive electronic components from damage, and at the same time protecting people from the dangers of electricity and heat. Aesthetics also operates on two levels: creating a product which looks attractive and also be able to blend into an office environment. Finally, performance is generally measured



in terms of effective ventilation, as electronic components need to be kept as cool as possible.

Perforated material delivers exceptionally well in all three areas, making it an ideal choice for the electronics industry.

## Electronics

With so many different products falling under the definition of "white goods", perforated materials have many different applications, each with unique requirements.

RMIG produces drums for leading washing machine manufacturers, with perforations which allow the free flow of water for a clean wash and effective spin dry. For dishwashers, RMIG not only provide perforated materials for this application but manufactures the complete filtration sieve.

Perforations also have a role to play in cooking. Fine perforations around gas burners help to create an even flame, whilst the perforated metal visible in microwave oven doors helps to shield users from unwanted emissions.





# White Goods





Whether a lighting scheme is required to be functional or provide decorative effects, RMIG perforated materials are ideal for use in a lighting application. With our precision burr-free manufacturing processes and powder coating or painted finishes, our perforated materials provide a high quality product to achieve bespoke lighting solutions.

## Lighting





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Perforation without limits