



Perforation in processing



Waste Water



Storm guards for sewer overflow;
manufactured in 2mm thick stainless steel,
grade 316L(EN1.4404). Pattern R6T8

High specification perforation

RMIG is the world's largest manufacturer and supplier of perforated metals with manufacturing units and sales offices throughout Europe. We produce high specification perforated materials – available in mild steel, pre-galvanised, aluminium, stainless steel, plus a range of other material options – all in a variety of hole configurations.

We manufacture to customer specific requirements and offer not only a perforating facility but also a total solution in terms of fabrication and finishing options.

High flow, burr-free waste water screens

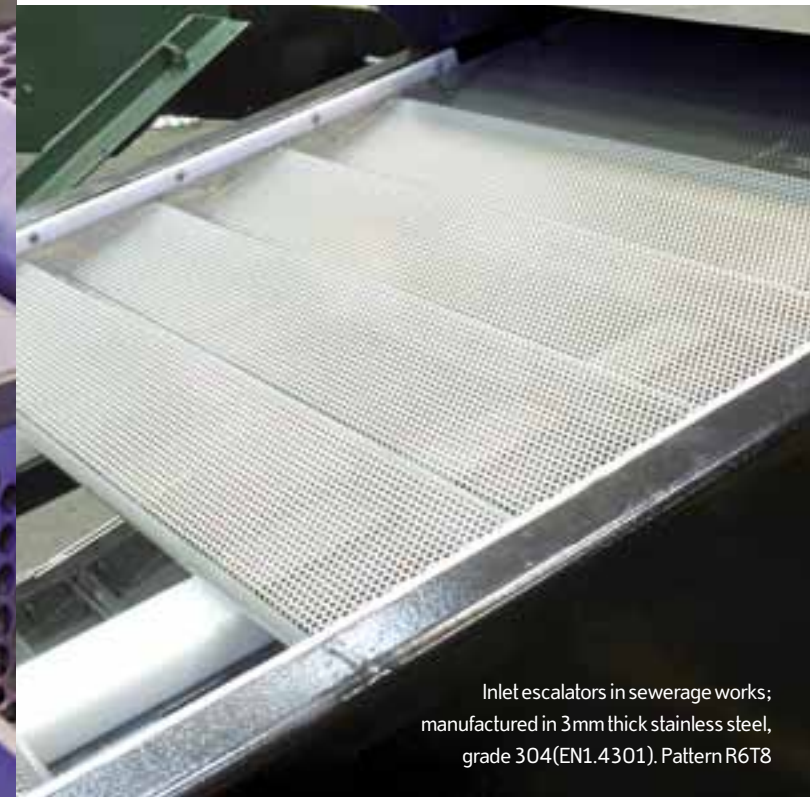
We have extensive experience in servicing the waste water industry, producing fine and coarse screens suitable for either industrial or municipal effluent water treatment. Our burr-free perforated materials provide high flow and less flow resistance and are used extensively in the production of escalator steps and brush screens, as well as both fine and coarse bar screens.



Accurate screen margin tolerances and high separation

Our expertise in cambering requirements ensures that our high tolerances of both material and perforation sizing allow high accuracy on critical screen margins.

In addition, our perforated screens are used to protect the watercourse of storm retention on combined sewer networks. This allows high separation, retaining solids in the foul flow eliminating the need for screenings handling.



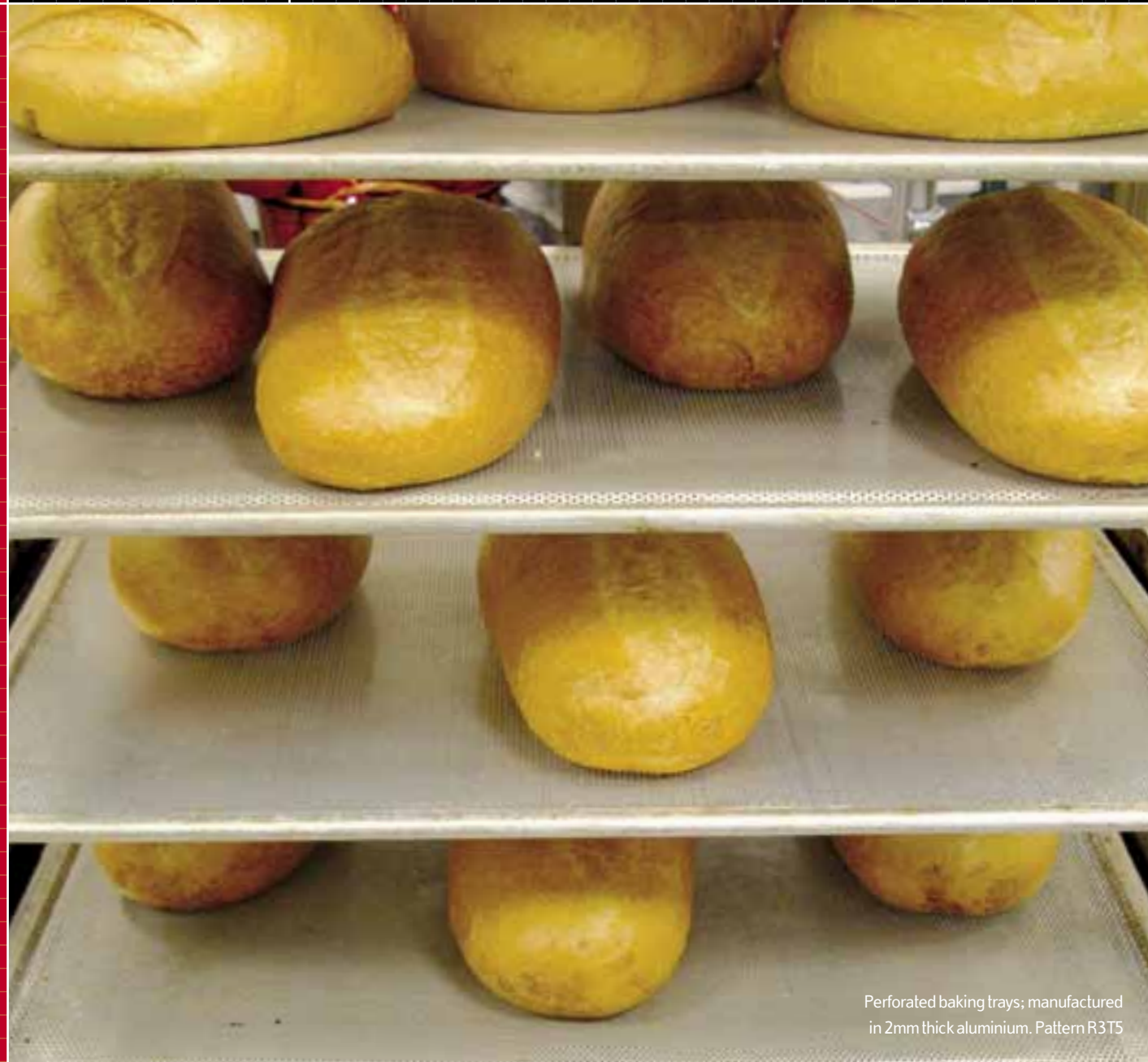
Inlet escalators in sewerage works;
manufactured in 3mm thick stainless steel,
grade 304(EN1.4301). Pattern R6T8



Escalators; manufactured in 3mm thick stainless steel,
grade 304(EN1.4301). Pattern R6T8



Food



Perforated baking trays; manufactured in 2mm thick aluminium. Pattern R3T5

High air and fluid flows for the food industry

Our ability to work with different grades of stainless steel, aluminium and galvanised mild steel at very high perforation specifications, allows us to provide the food industry with perforated materials that give high air and fluid flows through our burr-free open area designs.



Cheese mould



Belt drier and cooler using slot hole perforated conveyors



Tailor-made perforated solutions

This provides ideal solutions for cleaning, heating and steaming in food production environments. So whether it's baking trays, helical feeding drums or ingredient conveyance, all our perforated materials can be tailor-made for fabricating and finishing in applications to meet customers' exacting requirements.



Pizza baking tray



Colander



Brewing



A distillery malting floor; the first step in making single malt scottish whisky.

Screens and floors for the brewing industry

RMIG produces high quality screens that are reliable and effective for all malting processes. We can offer you screens according to your specifications, produced on high precision equipment to ensure optimal quality and production efficiency.



Slotted perforation pattern for malting floors



Mash Tun fermentation vessel

Whether specifying flooring systems for the brewing industry with high air flow perforation patterns for drying hops, or filtration panels for draining water and other fluids, our perforated materials provide the optimal solution.

RMIG offers customers the very latest cost-effective design and supply of perforated materials for all elements of the maltings process from barley intake and screening through steeping, germination and kilning to malt storage and outloading.



Malting floor; manufactured in stainless steel, grade 304(EN1.4301), open area 31%

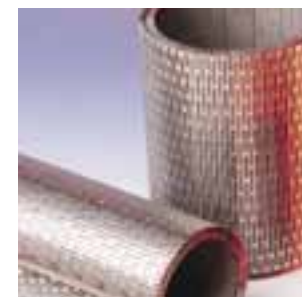


Petrochemical



High tolerance perforated materials

With RMIG's vast experience in the construction and supply of specialist perforated materials to the petrochemical industry, we have a broad range of perforated material solutions for a variety of applications.

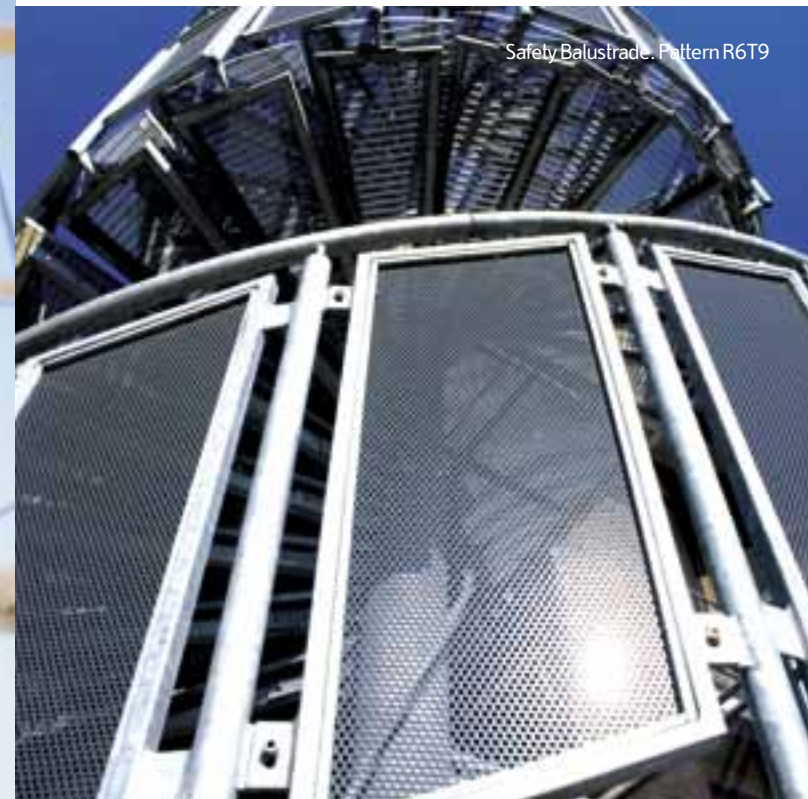




Expandable sand screen in slotted perforation pattern;
manufactured in stainless steel, grade 316L(EN1.4404)

Wide range of petrochemical applications

- Drilling systems
- Filtration processes
- Walk ways and balustrades
- Flooring
- Safety screens
- Building cladding systems



Safety Balustrade. Pattern R6T9



Acoustic and accommodation screening

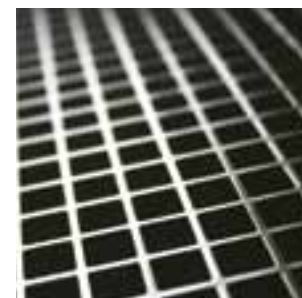
Power Generation



Perforated materials for the Power Industry

RMIG products are widely used in Gas Turbine Power Stations to provide high specification screens for:

- Air Inlet Filtration Systems
- Air Inlet Cooling Systems
- Inlet & Exhaust Silencers
- Acoustical Enclosures
- Exhaust Systems





Tailor-made solutions for all environments

Our experience in this sector ensures that the correct specification of material can be perforated and formed for applications in the harshest environments. All our perforated materials can be fabricated and finished to meet the needs of any application, tailor-making screens to meet any demanding requirements.





Pulp and Paper



Vane screens for pulp and paper production

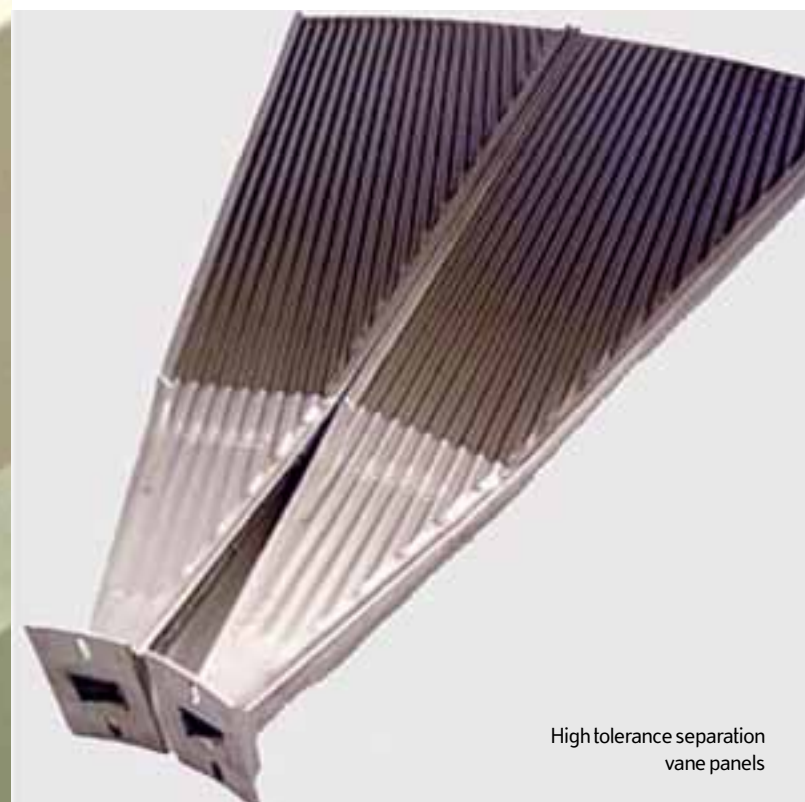
Our expertise in high specification perforated material is applied to create high efficiency separating vanes for the Pulp and Paper industry. These tailor-made screen vanes adopt an R0.75T1.5 pattern in Stainless Steel 316L(EN1.4404) material to provide the basis for fabricating these high tolerance separation vane panels, that are used in multiple water separation rotors.



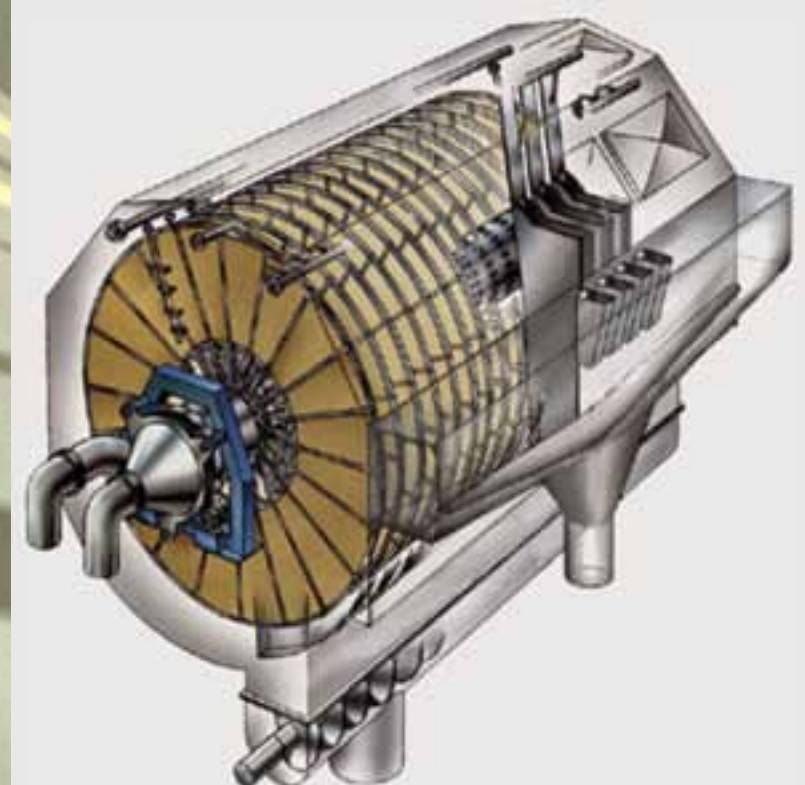
Vane fabricated with R0.75T1.5 pattern perforated material



Due to the severe stresses of this application, these individual rotor vanes can be easily replaced if any blockages or degradation occurs. The perforation and pattern specifications can be tailored to cater for the full range of stringent requirements demanded in the paper manufacturing industry.



High tolerance separation
vane panels



Healthcare



High grade perforated materials

RMIG produces perforated materials to all spheres of the pharmaceutical and medical industries. Working with high quality materials:

- Steel
- Aluminium
- High grade stainless steel

As well as more exotic materials in the form of:

- Duplex stainless
- Nickel alloys
- A broad range of polypropylene substrates

We have extensive experience in satisfying all application requirements.





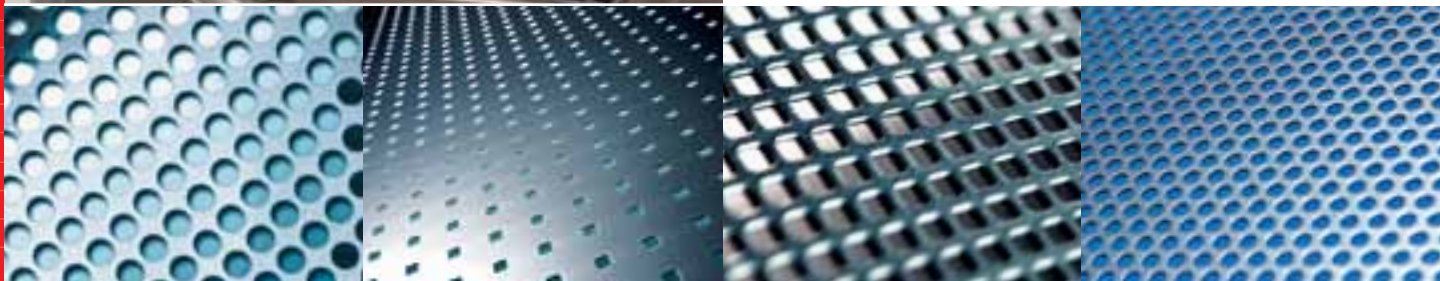
Autoclave; manufactured in
stainless steel, grade 304(EN1.4301).
Pattern R6U8



Sterilizing Tray; manufactured in stainless steel,
grade 304(EN1.4301). Pattern R4M6

Burr-free hole patterns

Our accurate perforation processes provide precise, burr-free perforation patterns that can be tailored to suit specialist market needs. Whether it's a high open area 20mm diameter perforation pattern or a fine 0.5mm diameter perforation pattern, we can adapt our production to satisfy the exacting demands as required by industry today.





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Perforation without limits