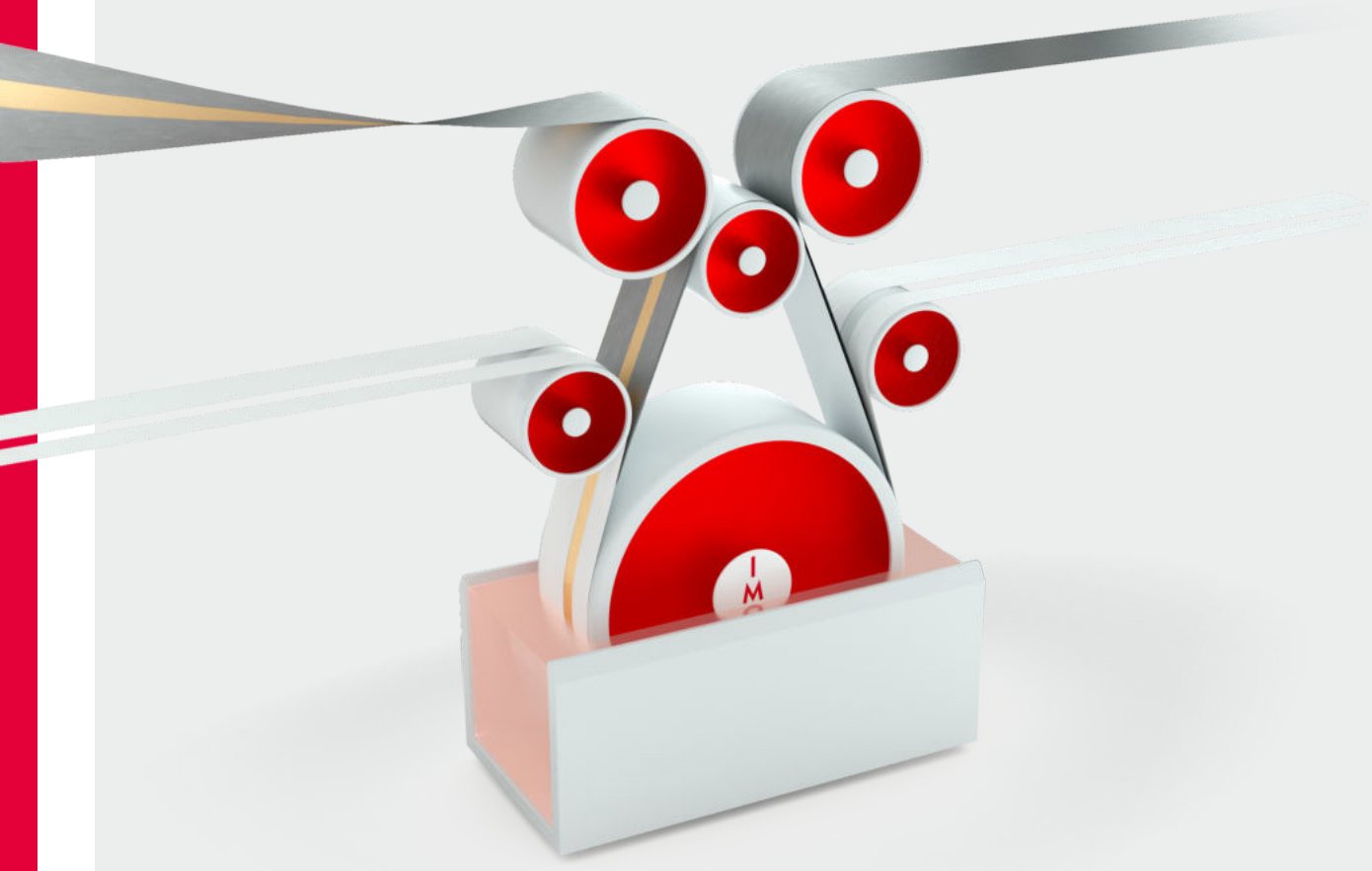
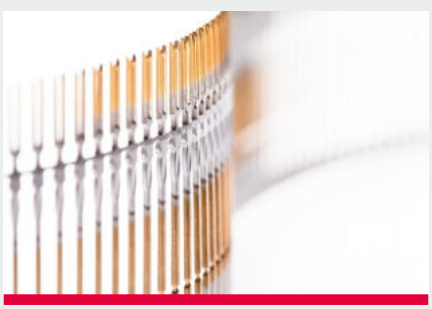
REEL-TO-REEL PLATING
STRIP TECHNIQUE

Depending on the product and customer requirements, different methods such as the wheel or belt technique are used to apply stripes in the desired position and number on solid or stamped strips.



In the selective wheel, the strips to be plated are guided over a rotating wheel, which is immersed in an electrolyte tank. The surfaces that are not to be finished are covered with belts or fixed masking. Precisely adjustable guide rollers are used for positioning. The zones to be finished are covered on the back by a wheel support and on the front by adjustable cover belts guided over rollers or a masking. This means that no plating takes place at these points.



STRIP TECHNIQUE
AREAS OF APPLICATION

Solid strips and flat stamped grids – also with a large grid and internal functional areas surrounded by protective webs – can be finished without any problems. It is possible to apply several strips/main areas per side or to plate the product on both sides.

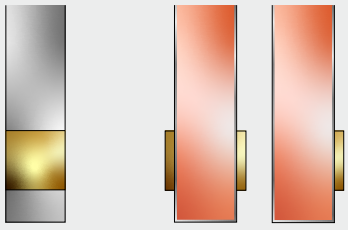
STRIP TECHNIQUE
TECHNICAL DATA

Plating	> gold or silver
(Strip) dimensions	> Gold: max. 1,0 x 80 mm > Silver: max. 1,0 x 100 mm > Per Plating run-out area approx. 0,5 mm

STRIP TECHNIQUE
SAVING POTENTIALS

No item-specific tooling costs are incurred with the strip technique. Since one-sided selective plating is possible more than 50% of precious metal can be saved compared to the immersion process. Another advantage is the speed: Due to the technical design of the modules, the products can be plated very precisely in a very short time.

IMO STRIP TECHNIQUE



frontal view **side view**

MORE ABOUT REEL-TO-REEL PLATING

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