

A detailed view of a large industrial machine used for aluminum strip plating. The machine features a complex arrangement of metal frames, pipes, and flexible black hoses. A blue water tap is visible at the top. The background shows a factory setting with various components and structural elements.

**DIEHL**  
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# ALUMINUM STRIP PLATING MADE BY DIEHL

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INNOVATIVE PLATING TECHNOLOGY  
FOR ALUMINUM

**DIEHL**  
Metal Applications

# THE ADVANCED SOLUTION FOR PLATING ALUMINUM STRIP AND PARTS

Diehl Metal Applications solution for **Aluminum-Strip-Plating** (ASP made by Diehl) offers an advanced solution for **plating aluminum strip and stamped parts** using reel-to-reel plating technology. Among others the result is a solderable, dense layer structure with excellent adhesion, free of pores or cracks.

## KEY BENEFITS:

- Suitable for strip material and stamped reels
- Compatible with various aluminum substrates
- Full or selective plating options
- Strip thickness up to 4 mm and Strip width up to 230 mm

## AVAILABLE COATINGS:

- Copper (Cu), Nickel (Ni) – dull, bright, sandwich, Tin (Sn) - dull, bright
- Further coating options available on request

## EXAMPLE CONFIGURATION:

**Base Material:** AlMg3 (H22)

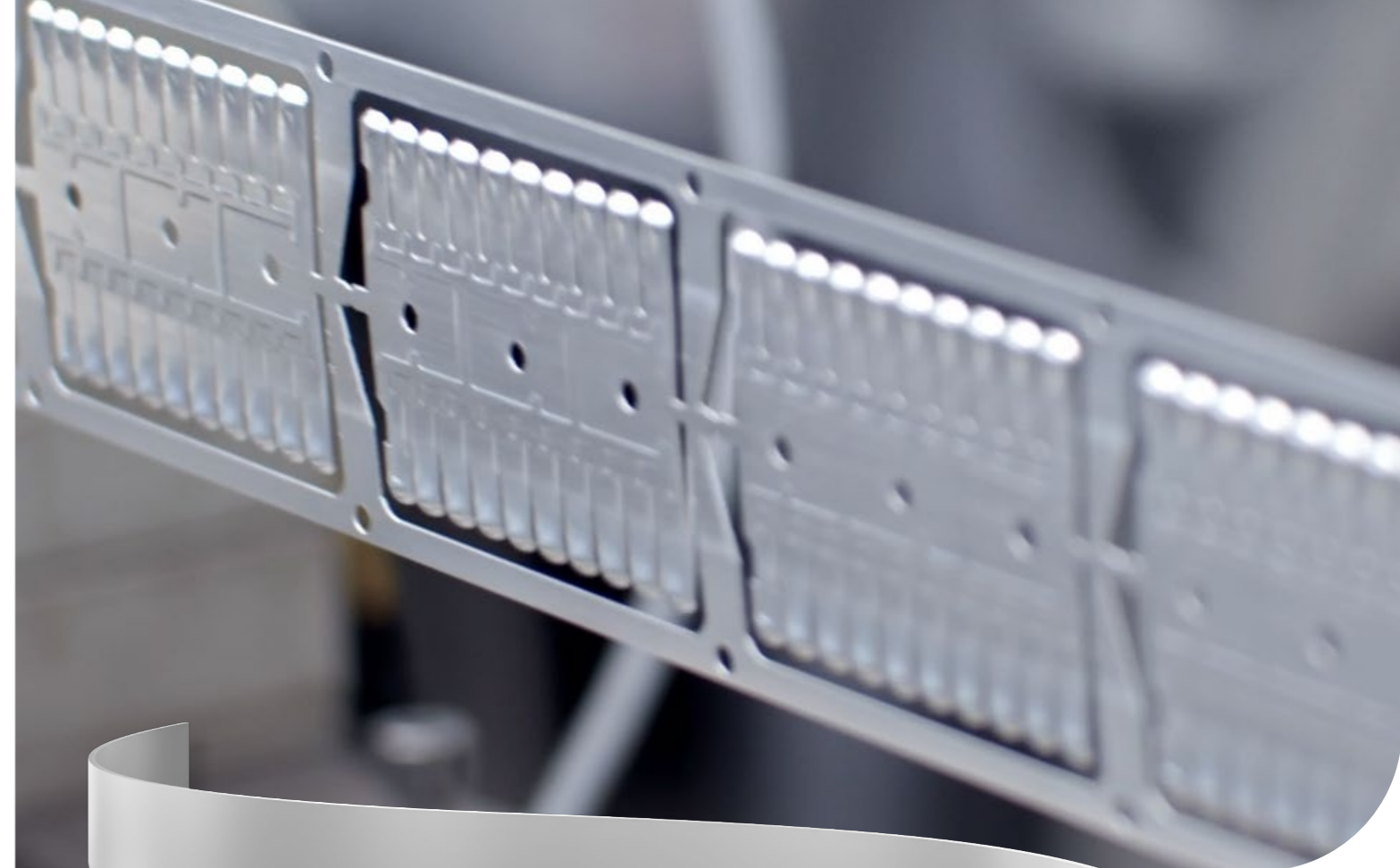
**Dimensions:** 0.5 mm x 40 mm

**Surface Coating:** Selective Tin layer (2–4  $\mu\text{m}$ ) & Full Nickel layer (0.5–1.5  $\mu\text{m}$ )

**Technology:** Dipping depth

## APPLICATIONS INCLUDE, AMONG OTHERS:

- Electronic components
- Automotive connectors
- Plug-in contacts
- 3D parts with selective plating



## GET IN TOUCH

Our sales team will be happy to advise you.  
We will support you from the start with our expertise.



**WE GET METAL  
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