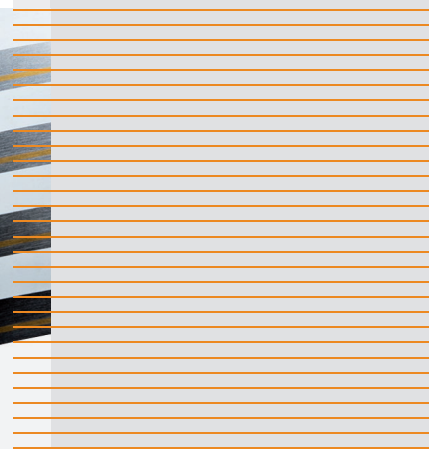


Plating



One of the Largest Electroplating Plants in Europe

As an integral part of the Diehl Group, the Diehl Metal Applications (DMA) locations in Berlin (Germany) and Siaugues (France) are specialized in the metal plating of strip and stamping parts.

We are thus flexible in fulfilling requested delivery dates and capacities.

With our wide spectrum of high-tech plating processes, we offer state-of-the-art, customized solutions to meet individual requirements.

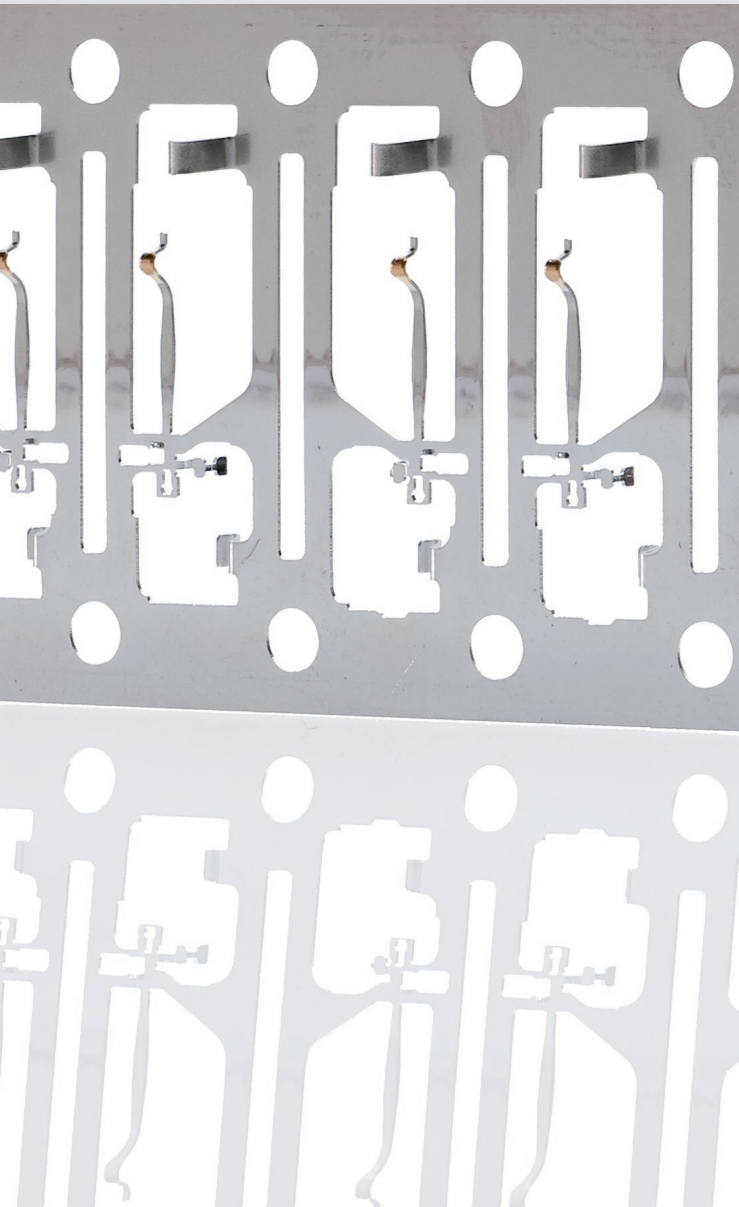
By continually monitoring quality during and following the plating process, we guarantee maximum quality when it comes to surface finishing.



Continuous Quality

We offer a comprehensive plating technology portfolio. Using established selective processes, such as controlled immersion plating, brush plating and selective wheel plating as well as successfully patented special processes, we provide either full surface plating or partial plating of stamping grids and semi-finished products made of various metals, depending on your requirements.

We continually develop new innovative processes in reel-to-reel plating, such as the plating of aluminum strip material. With our highly selective plating technologies, like our patented system for the internal plating of closed pre-bent contact springs, we achieve maximum selectivity and minimum precious metal consumption.



Types of Plating

Electroplating with:

- Schempp+Decker Advanced Indium
- Gold
- Bondable gold and silver
- Bondable nickel and nickel-phosphorus
- Copper
- Nickel
- Nickel-phosphorus
- Palladium-nickel
- Silver
- Pure tin
- Tin/lead

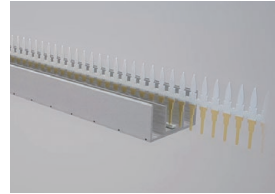
Electroplating of:

- Bronze
- Brass
- Copper
- Steel
- Stainless steel
- Aluminum (reel-to-reel plating and single-piece production)

Standard Plating Technologies:

In many cases, surface plating solves the conflict of interests between the technological demands placed on the base material and the operating conditions.

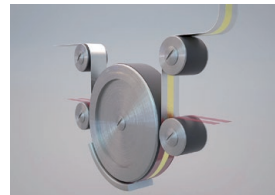
With our standard plating technologies, we provide our customer with a broad spectrum of established selective processes for plating stamping grids and semi-finished products.



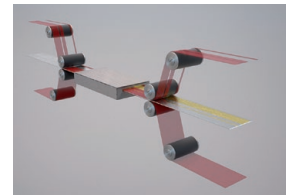
Immersion Plating



Brush Plating



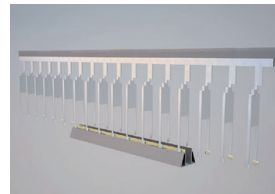
Masking Wheel



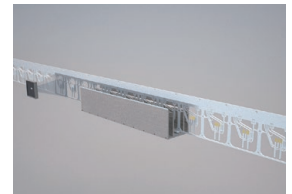
Foil Masking

Schempp+Decker Highly Selective Plating Technologies (HSP):

With our processes for plating highly complex stamping strip and semi-finished products as well as our optimization of precious metal consumption, we are setting new standards in reel-to-reel plating. Our highly selective plating technologies enable economic use of valuable precious metal coatings – just as our customers require.



Schempp+Decker Internal Plating



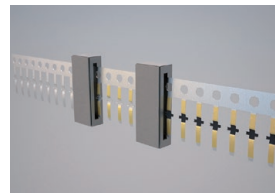
Schempp+Decker Variable Spot Plating (MLP)

Technologies from Schempp+Decker:

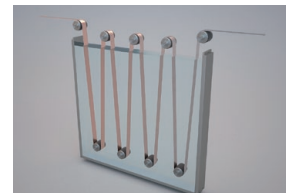
- Internal Plating
- Variable Spot Plating (MLP)
- Mechanical Spot Plating
- Variable Spot Plating (MP)

Schempp+Decker Special Plating Technologies (SP):

We provide our customers with new impulses during product development by means of special technologies in reel-to-reel plating, such as the application of solder resist during the plating process or the use of tin-free surfaces for press-fit zones developed by Schempp+Decker.



Schempp+Decker Solder Resist



Orthocyclic High-Speed Plating

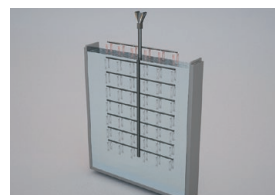
Technologies from Schempp+Decker:

- Schempp+Decker Advanced Indium
- Aluminum Strip Plating [ASP made by Diehl]
- Palladium-Nickel as a Gold Replacement
- Solder Resist
- Advanced Tin Barrier™ (ATB)
- Electropolishing | Tin Reflow
- Bondable Surfaces from Diehl Power Electronic (location Siaugues) on the Basis of Silver, Gold, Nickel and Nickel-Phosphorus
- Orthocyclic High-Speed Plating

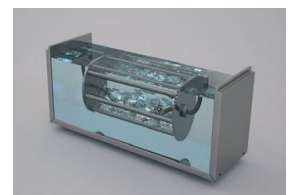
Plating Single Parts:

Our customers profit from modern and innovative plating technologies, ranging from small batches to fully automated rack and barrel processing or the metallization of plastics. We provide:

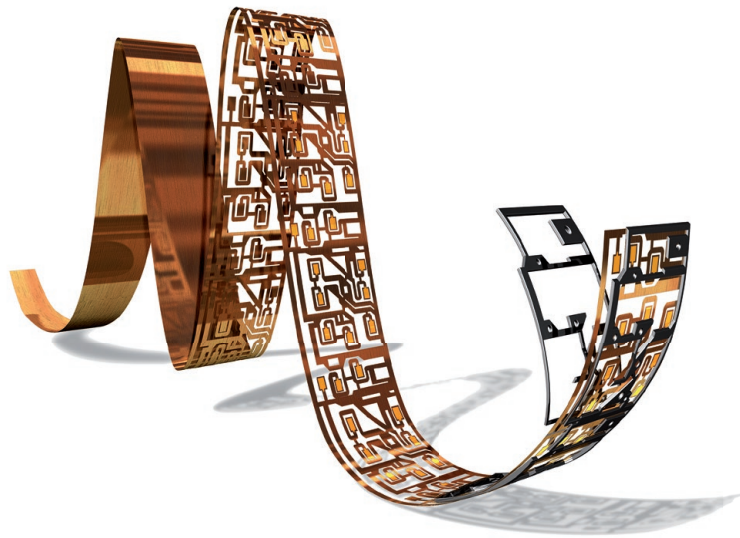
- Maximum process flexibility
- Customized solutions
- Production according to individual requirements
- Technology concepts and development
- Prototype production, unique single products
- Pilot production, small batches
- Special processes



Rack Plating



Barrel Plating



Diehl Metal Applications GmbH
Am Stichkanal 6-8
14167 Berlin
Germany
www.diehl.com/metall

Your Contact Partners:

**Germany, Switzerland, Benelux,
 Scandinavia, Great Britain, America**

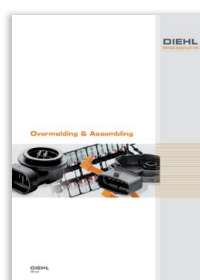
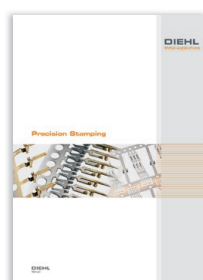
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For further information,
 please see the flyers:

- Precision Stamping
- Schempp+Decker Press-Fit Zones
- Overmolding & Assembling