

There is no better way to efficiency

JL Goslar lead anodes for electrowinning

Rolled anode and lead alloy perfectly aligned with production processes

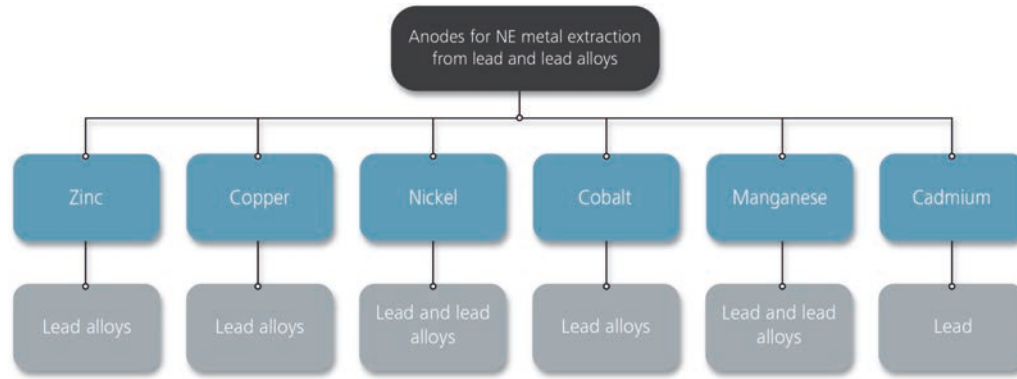
JL Goslar has been developing and producing high-performance lead anodes since the 1960s. JL Goslar Anoden GmbH ensures continuous growth in this area of business.

As a 100% subsidiary of JL Goslar GmbH, it combines competence, expertise and production in the field of "anodes for metal extraction", a sector that has been growing continuously over recent years throughout the world. As a result of this experience, we have created competitive advantage in terms of expertise, and we are able to support our customers efficiently in the early stages of development.

Our rolled anodes are suitable for the extraction of copper, zinc, nickel, cobalt, manganese or cadmium. Therefore we make sure that the lead alloys are perfectly adapted to any metal that can be extracted by electrolysis.

We will provide a product that will suit your production process perfectly.

You are **IN SAFE HANDS** with us.



High quality - there is no room for compromises!

The quality of our anodes is evident in particular:

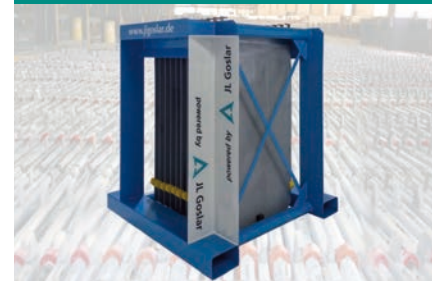
- in a high energy efficiency
- in a low contamination of the electrolyte
- in a high level of purity of the metals extracted

The analysis in our in-house metal laboratory as well as the manufacturing on our modern production lines with automatic tinning systems, semi-automatic head casting machines and robot welding cells - the versatility knows no boundaries. The anodes can be produced in any alloy and any size required - precisely to our customers' specifications.

Our continuous quality assurance, which runs alongside production, will ensure perfect results at all times. Technological studies and a continuous exchange of knowledge with both scientific institutes and our customers lead to supplement our expertise and form a solid basis for providing you with individual support!



in safe hands



EXPERTISE

borne of
EXPERIENCE
offering you
EXCELLENCE

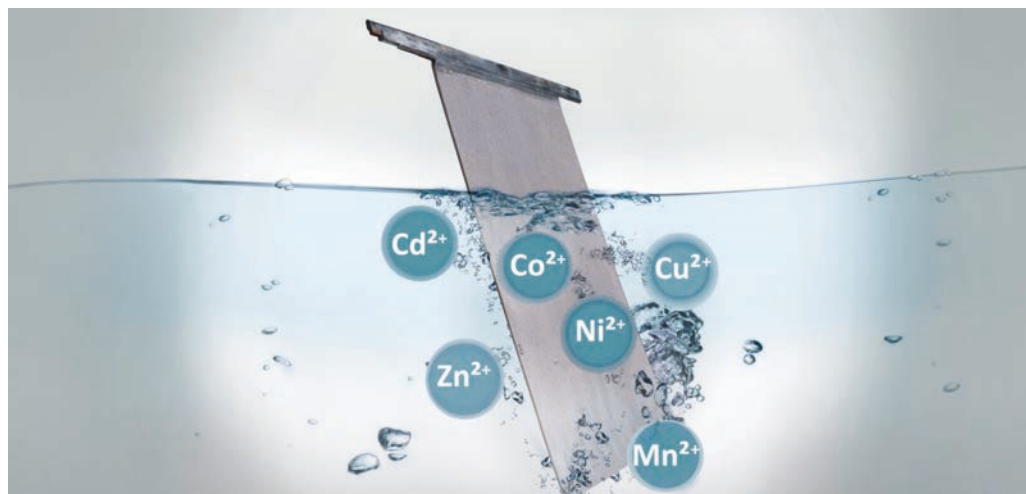
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Benefits of rolled lead anodes

- high density
- defined grain structure
- high deformation resistance
- best corrosion resistance
- rapid formation of PbO_2 and MnO_2 layers
- low electricity consumption
- long anode life time
- low contamination of the electrolyte
- customised production of lead alloys



Well advised right from the start – from initial contact through to delivery

Specifications for metal extraction rates are increasing all the time, as is the demand for perfect electrolytic equipment. Consequently there is a growing demand in consultation and a reliable cooperation partner. We are well prepared for this.

Even at the design stage and when we are planning the production of your anodes, we always keep an eye on the big picture. We provide information about possible manufacturing processes, point out the advantages and disadvantages of individual technologies, highlight the risks and discuss the costs openly. As a result, you will end up with exactly the anode you need for your purposes.

Of course, in close cooperation with you, we will choose a dedicated alloy in order to achieve the best results for your metal extraction.



In order to make the handling of the anodes as easy as possible for our customers during transport and implementation, we can respond to any requirement. We provide functional solutions, from packing on transport pallets, to transport frames including anodes that are well prepared for operation.

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