

Technical Products

Lead Engineering

Construction

Radiation Protection and Soundproofing



DIN EN ISO 9001 2000
ISO TS 16949:2002
Certificate of TUV SUD

ISO TS 16949 for the
scope of production and
distribution of
battery eliminator for
lead accumulator

*To ensure the lasting
quality of our products,
we are DIN EN ISO 9001 and
DIN ISO TS16949 certified.*



SOLUTIONS FOR CHEMICAL AND PROCESS APPLICATIONS



Homogeneous lead-lined coatings are a proven and reliable method of corrosion protection particularly for storage and containment of chemicals such as sulphuric acid, chromic acid or bromine. Lead coatings are also used with particular success in heat exchangers, pickling containers, evaporators, electro-filters and storage and transport containers.

RÖHR + STOLBERG GmbH is a leader in lead coating technology, as well as in anode and electrode manufacture. Our products are subject to the strictest quality control procedures and standards. All testing is to DIN 28058.



production of cooling spiral and heating coil

LEAD ENGINEERING



Equipment in uniformly lead-coated steel

The use of lead-coated steel has been used globally for decades. Non-ferrous metal smelting and chemical industry are two applications which make particular use of high corrosion resistance and excellent processing properties of lead.

RÖHR + STOLBERG GmbH have provided both heat exchanger and filter housing solutions to our customers for many years. Our manufacturing facility can accommodate structures and vessels of up to 5 metres in cross-section with a weight per unit of up to 40t. Regarding electro-filters, we can advise our customers throughout the whole production process, from the supply of internal fittings (guide frame, precipitation electrodes etc.) to complete production of filters. All work is undertaken in-house to ensure full traceability and consistent standards.

In addition, we have our own installation department. Our fully qualified and experienced lead burners can carry out all on-site repairs and construction work. We are, of course, authorised in accordance with §19 of the Federal Water Act (WHG) and certified to work on industrial plant involving water polluting substances.



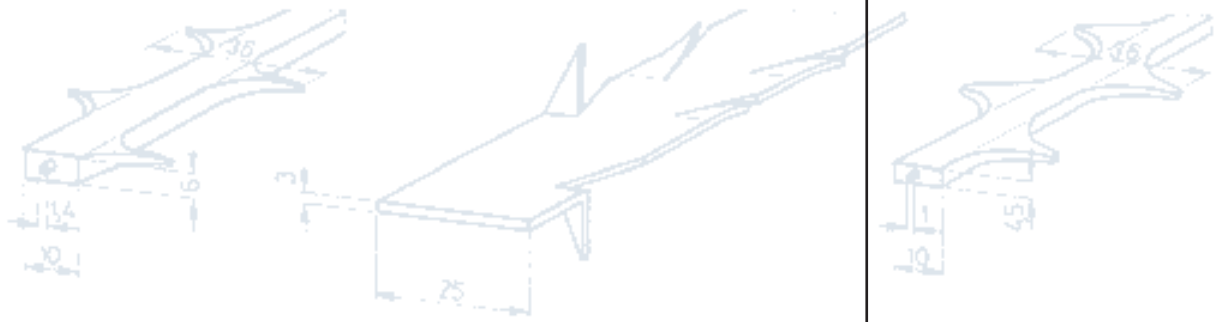
cooling spiral and heating coil



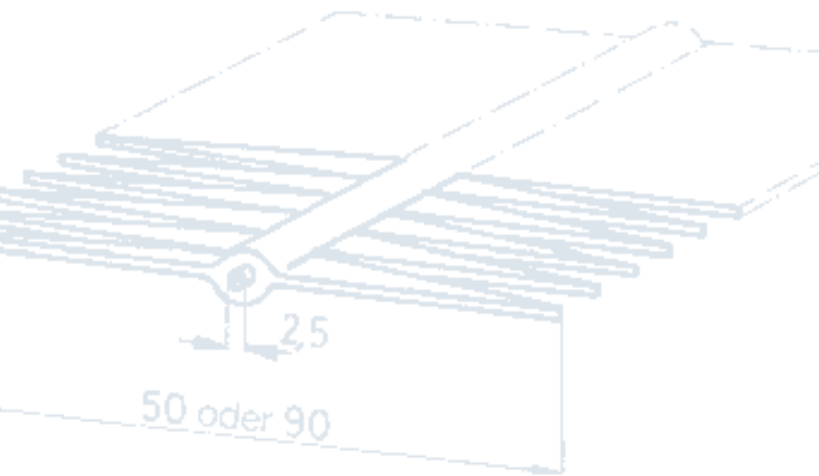
heat exchanger



steel and lead homogeneous device



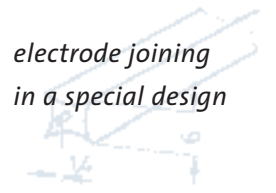
ELECTRODES



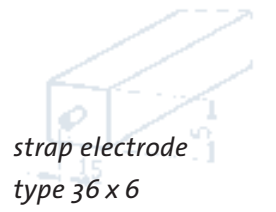
electrode joining



*electrode joining
in a special design*



*strap electrode
type 36 x 6*



*strap electrode
type x 3*



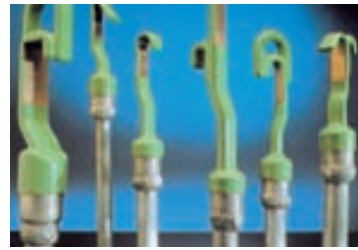
Lead corona discharge electrodes

For high performance electro-filters, we supply electrodes ready for installation and complete with steel core. We manufacture electrode stacks in a wide variety of designs, adapted to the installation, be it flat or round topped.

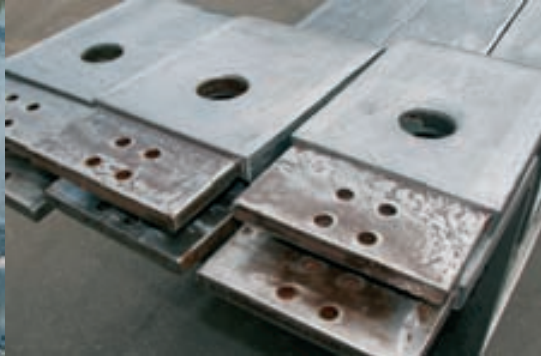
We produce electrode sections, star and strip sections as shown in the sketches opposite.

Because we have our own tool making, we can produce any required profile tool to individual customer specifications including supply lead electrodes with corona tips in specified numbers, length and corona direction.

ANODES



lead anode with isolation of the anode head



lead lined steel anode



anode suspension



large area anode



anode suspension



Lead anodes

are used in electrolysis, particularly for surface coating (hard chromium plating, galvanising etc.) and in the production of non-ferrous metals (copper, zinc).

Anodes in not only lead but also in a wide range of lead alloys (e.g. silver, tin and antimony in the customary compositions) with large surface areas are used in very wide range of applications. We match large-surface and high-current anodes to the static and process-technical requirements and provide the appropriate load-bearing structures for them in steel, copper etc, working exclusively with new materials.

These include special products, such as deep bath anodes with anode lengths of up to 13 m and internal bracing made from steel, copper, titanium etc., with mountings and electrical lines integrated exactly into the existing bath set-up.



RÖHR + STOLBERG

Lead technology

RÖHR + STOLBERG GmbH

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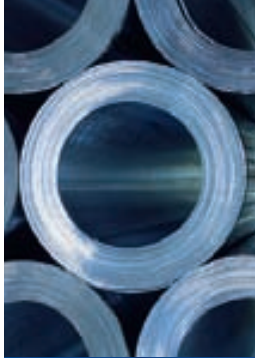
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CONSTRUCTION



TECHNICAL PRODUCTS



RADIATION PROTECTION AND SOUNDPROOFING