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Technical Products

Lead Engineering

Construction

Radiation Protection and Soundproofing



LEAD – A VERSATILE MATERIAL



Lead has many diverse industrial applications. One key factor in its universality is its high density properties, particularly effective in vibration absorption, counterweights or flyweights. Its high atomic weight also makes it ideal for radiation shielding and the material has also excellent sealing properties.

Röhr + Stolberg GmbH can offer numerous manufacturing capabilities. This allows us to cover almost all possible applications where lead is the ideal use of material. We produce to exact customer specifications: From a single unit to volume production runs, from a few grams to several tonnes.



DIN EN ISO 9001 2000
ISO TS 16949 2002
Certificate of the TÜV

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

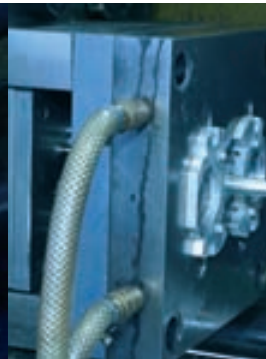
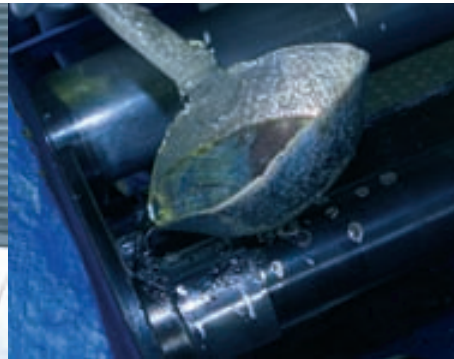
*To ensure the lasting
quality of our products,
we are DIN EN ISO 9001 and
DIN ISO TS16949 certified.*

TECHNICAL PROCESSES

*mould casting
die casting
stamping
pressing
embossing
turning, milling, boring*



LEAD MANUFACTURING – TECHNICAL PROCESSES



QUALITY – SERVICE – CONSULTATION

As a company we are certified to DIN ISO 9001 and ISO TS16949 for battery terminals and always ensure we meet the high level of requirements as demanded by our customers. We deliver just-in-time, problem-free and to budget.

Our staff-members are always available to provide advice and support which also including the development of new and bespoke products requirements.

WHAT WE DO:

PRESSING

On our modern horizontal and vertical presses, we extrude profile cross sections up to a diameter of 210 mm. The flexible tool method allows us to produce practically any lead profile requested.



quality control



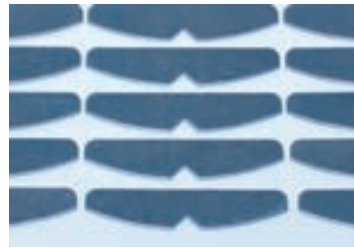
diecast tool



end product

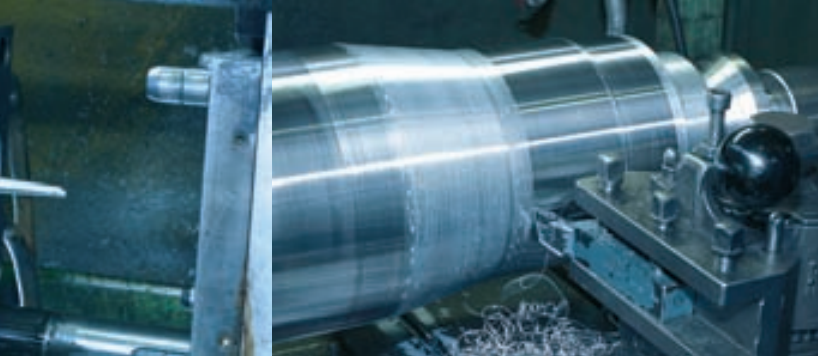
STAMPING

We can stamp round blanks, rings, screening parts (e.g. collimators) in small and large manufacturing quantities of up to several million units per year.



stamping products

PRESSING, STAMPING, EMBOSING, TURNING, CASTING



EMBOSSING

If virtually cavity free material is required, pressed or cast products are embossed (e.g. for shielding against radioactive material).



embossing

TURNING / MILLING / BORING

We are experts in a range of mechanical processing options. This means our customers get a one-stop-shop service.



end product

DIE CASTING

Our modern die-casting machines can produce weights, vibration absorbers and other lead products up to 4 kg to meet large-quantity requirements. The high density of lead makes it particularly suitable for optimizing large weights within a limited available space.



oscillation damper die casting

MOULD CASTING

We use this process to produce counterweights (e.g. for medical equipment or lifts). We also cast crane counterweights of up to 75 tonnes, radiation protection transport containers and shielding for measuring apparatus.



mould casting

TECHNICAL LEAD PRODUCTS

- weights
- centrifugal masses
- rings
- gaskets and washers
- oscillation damper
- shielding plates
- wires, tubes, profiles and other lead products



BATTERY ELIMINATORS

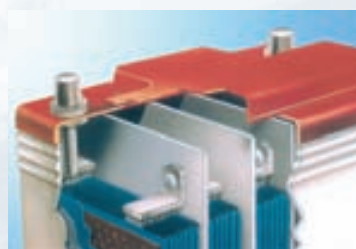


BATTERY TERMINAL PRODUCTS – WE'RE GOING PLACES

From cars and lorries to construction machines and motorbikes. Practically every vehicle used to get around from day to day starts and runs using lead batteries.

Röhr + Stolberg GmbH developed the cold press process for producing terminal casing for starter batteries. This enables us to manufacture exceptionally well sealed, flat upper surfaces, and a practically cavity free structure. The process guarantees the highest quality seal with constant quality.

We can produce battery terminals in large production runs to fit individual customer specifications. To meet the high requirements consistently, we are ISO TS 16949 certified for this area of production.





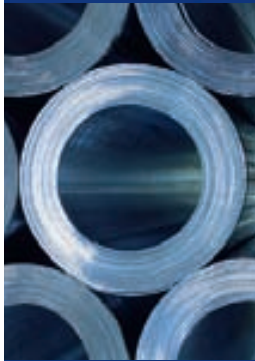
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CONSTRUCTION

LEAD ENGINEERING



RADIATION PROTECTION AND SOUNDPROOFING