

SPOTLESS RESULTS THANKS TO INNOVATION

We provide secure handling of anodising, colouring and electropolishing processes. Our plant in Unterentfelden is happy to complete your orders quickly and expertly. Latest technologies, specialised process methods and control systems guarantee protection of the environment thanks to reduction in and recycling of, the chemicals we use.



Anodising – protective oxide layer

Aluminium is a relatively base metal. This negative property inevitably produces a certain susceptibility to oxidation, which is why a natural oxide layer forms quite quickly on aluminium when exposed to air. Anodic oxidation protects aluminium and gives it an attractive look. The electrochemical process in baths to convert aluminium into aluminium oxide by using a liquid medium and direct current, hence exploiting a synthetic method to produce a protective layer.

- Bath size for colourless anodisation:
7000 x 900 x 1500 mm



Colouring – a greater scope for design

Colouring agents extend the range of possible aluminium designs and produce interesting effects that enrich the product. Here, the range of colours is limitless, although some show only limited light-resistant properties. The various colouring processes we use are preceded by the stage of colourless anodisation, and the various stages involved in both colouring procedures are the same.

- Bath size for chemical colouring in black:
7000 x 400 x 1500 mm
- Bath size for Colinal® 3100 colouring:
7000 x 800 x 1500 mm



Electropolishing – improves the look and the properties

Electrochemical polishing and deburring are unrivalled in their capacity to improve the qualities and properties of metallic surfaces. Unlike mechanical processing, electropolishing erodes the surface without any mechanical or thermal stress, contamination or chemical damage.

- Bath size for electrochemical polishing:
6000 x 1400 x 1500 mm



Pickling – protecting against oxidation and corrosion

Pickling stainless steel is used to protect the surface against oxidation and corrosion (rust). The pickling process is excellently suited for the secure removal of tarnishing around welded connections, scaling, iron particles from tools and extraneous rust, and to restore the original anti-corrosive properties. Stainless steel surfaces receive intense chemical treatment that strips anorganic chemical contamination. The media used here are usually based on hydrofluoric acid and nitric acid. The acids react with the metal oxides to form water and with the corresponding metal salt to form hydrogen and metal salt.

- Bath size for pickling:
6000 x 1400 x 1500 mm



Transports – collection and delivery service

Our collection and delivery service helps you manage orders and protects your valuable resources. We are happy to handle transport at cost price.

Travelling all routes at your service:

Our van can carry up to 1000 kg and has a load surface of 2.1 m x 7.4 m
Our truck can carry up to 4.3 t and has a load surface of 2.04 m x 7.4 m

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advanced metal finishing