



ZINC SPRAYING ROOMS – CORROSION PROTECTION ACCURATE TO THE MICROMETER

Corrosion protection thanks to zinc coating

For zinc spraying, we supply complete zinc spraying rooms including the corresponding zinc spraying and filter technology. Do you already have a blastroom and would like to upgrade it?

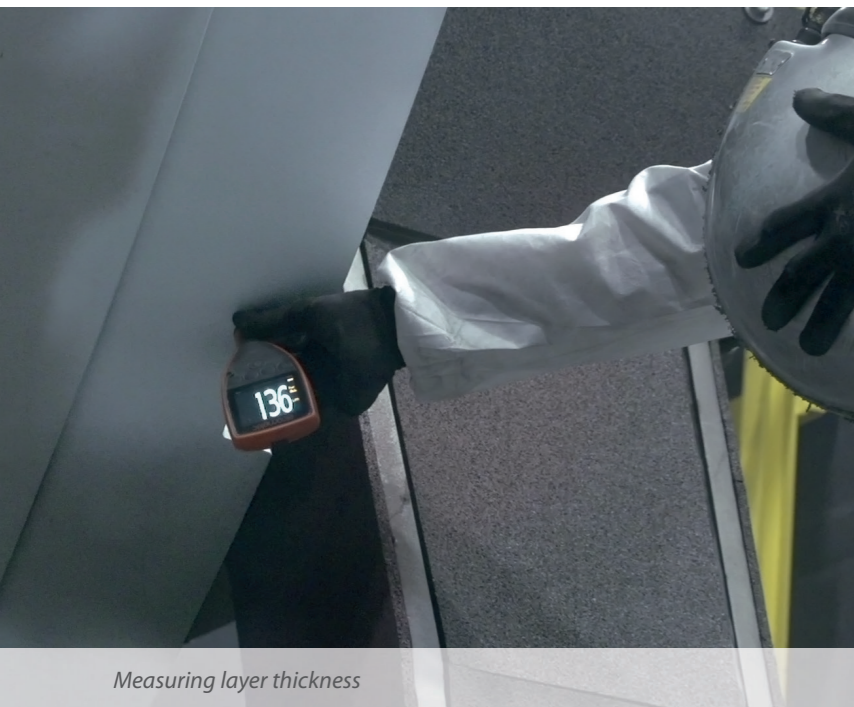
For this purpose, we offer customer-oriented retrofitting of existing booths or blastrooms with process equipment especially designed for zinc spraying.



ZINC SPRAYING ROOMS – EQUIPPED FOR YOUR NEEDS

Optimal corrosion protection

During zinc coating steel is provided with a thin layer consisting of zinc or a zinc alloy. This is an optimal method to protect steel against corrosion – also in connection with a subsequent liquid or powder coating. Zinc spraying of workpieces is carried out manually in accessible zinc spraying rooms. Depending on the field of application of the zinced workpiece a different thickness of corrosion protection is required. The zinc spraying rooms from **SLF**, which can be optimally adapted to your work process and



Measuring layer thickness



Zinc spraying booth

the respective workpieces, are equipped with a filter system specially developed for this process, including limestone powder dosing unit.

It is also possible to integrate CO² extinguishing systems and, if desired, we provide you with the required arc spraying equipment, too, to be able to offer you a turnkey system concept.

Efficient retrofitting for old installations

The zinc spraying equipment can also be retrofitted in existing or newly planned blastrooms. As with all our products, the focus here is always on optimising work processes and reducing production costs.

The single components can be retrofitted in existing booths, for example your blastroom, so that investing in a complete system including booth housing is not necessarily required.

Schematic diagram of a filter system with limestone powder dosing unit



Zinc wire station



For further information about our Zinc spraying systems please visit our web-site.



Combined zinc spraying and blastroom

Advantages of the SLF zinc spraying rooms:

- High capture efficiency of zinc overspray
- Filter unit specially developed for the zinc spraying process
- Blast cleaning and zinc spraying possible in one room
- Retrofitting in existing blastrooms is possible
- Numerous options can be integrated, e.g. roof slots or flaps.



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