

TIP DRESSING UNITS DRESSING TOOL INSERTS



SVS SCHWEISSTECHNIK

EXPERTISE AND EXPERIENCE IN ELECTRICAL RESISTANCE WELDING TECHNOLOGY

Ideal, fast and cost effective.

Our customers expect the best solution for every application and process. And this is what we offer - reliable and straight to the point. Whether consulting, manufacturing, sales or maintenance: For over 100 years customers from almost every industry sector trust in our expertise and market experience in electrical resistance welding technology.

Emerged from the AEG group, the since 2016 named SVS Schweißtechnik GmbH supplies its customers, as an internationally renowned manufacturer in electrical resistance welding technology, with a wide range of products such as

- Tip dressing units
- Tip changer and dresser combinations
- Dressing tool inserts
- Semi-finished materials
- Electrode materials
- Prefabricated parts
- Laser protection glasses and much more

In the industrial manufacturing every new job requires constantly new demands on technology and processes.

What do we require? Where is this available? How do we implement this? What are the costs?

To ensure that your production targets are met quickly and smoothly, we would be particularly glad to develop pragmatic and application-specific solutions for you.

Whenever you need us.

With the experts of the SVS Schweißtechnik GmbH you will find a tailored solution for every production step.

Simply give us a call.



STATIONARY TIP DRESSING UNITS

INDIVIDUAL SOLUTIONS FOR DEMANDING APPLICATIONS

Our high-quality electrode dressing devices enable exact reproducible welding results that are indispensable for automated production.

The electrode dressing units are manufactured as completely assembled units. The design is executed according to both individual customer and specific solutions-oriented requirements.



SWING ARM TIP DRESSER

PNEUMATIC OR ELECTRIC DRIVEN

High performance, precision, user- and practice-orientated and maintenance-friendly setup are quality features of our entire dressing technology.

Depending on the requirements and requests of our customers, contact of the dressing devices to the stationary welding caps via swing arm unit can take place either electrically or pneumatically.

The devices are equipped with further special functions according to customer-specific requirements such as a lifting device.



COMBI DRESSER

TIP CHANGER AND DRESSER COMBINATION



The fully automatic tip changer and dresser combination was developed out of a cooperation between FFT Produktionssysteme GmbH & Co. KG and SVS Schweißtechnik GmbH.

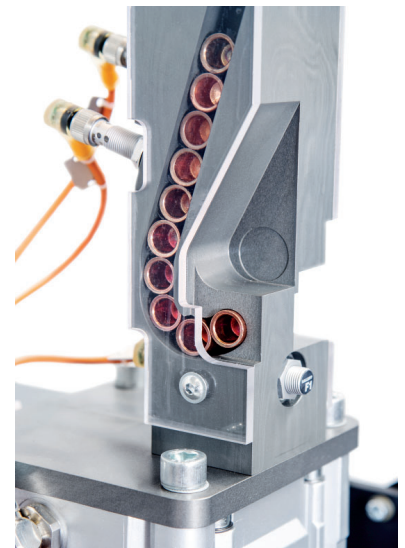
It enables changing and dressing of electrode caps on robotic resistance welding guns in one unit.

The dresser device can be mounted horizontally (C-guns) or vertically (X-guns). This allows setting the ideal position for changing the caps and the dressing process according to the specific requirement.

Contact us for your individual solution!

Advantages

- Cost savings compared to standalone devices
- One supplier
- Change and dress a wide variety of caps
- Minimal space requirements
- Only one system interface
- Proven technology at various automobile manufacturers
- Many years of experience with dressing processes and changing caps



MOBILE HANDGUN DRESSER

CAP DRESSER TURNS MOBILE

The electrical-driven cap dresser as a mobile unit is a highly flexible, effective and uncomplicated addition to mobile electrode dressing technology.

The special use and areas of application are hand guns for resistance spot welding technology in prototype construction.

Analog to hand held, electrical-driven tip dressers, the enormous variety of our tip dressing inserts can be used in this device.

The device highlights itself by very flexible horizontal and vertical adjustment options. The dressing tool can be easily rotated by 360° so that the gun tips can be dressed in any position.

The flexible use of these mobile devices always offers a cost-effective alternative and enables the reduction of investment costs.



DRESSING TOOL INSERTS

THE KNOW HOW OF PRECISION TIP DRESSING

High performance and a long service life distinguish our high-quality dressing tool inserts.

The wide range of different geometries, material qualities and coatings guarantees optimum industrial application variety, making it possible to dress symmetrical and asymmetrical cap pairs in many different combinations.

We are able to produce the suitable tip dressing insert for almost any application - irrespective of brand and insert geometry.

To ensure reliability and perfect working throughout the production process, we focus on high precision production of our tip dressing inserts.



MANUAL ELECTRODE DRESSER

UNCOMPLICATED MANUAL

Our first-class manual electrode dressers constitute a cost-effective alternative to a fixed installation. You machine the electrode cap during the dressing process and restore the electrode cap back to its original geometry.

For use of coated metal sheets, both the work surface and the flank of the cap can be dressed in one single step.

Electrode contamination on the working surface area is removed during the dressing process. Dressing swarf can easily fall out of the dressing insert.



HAND LEVER DRESSER



PNEUMATIC MANUAL DRESSING



MANUAL CORDLESS DRESSING WITH RECHARGEABLE BATTERY



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