

# assfalg

The ACE for metal |



Solutions for magnetic clamping and lifting,  
also for automation and demagnetizing.

## Perfection for Metalheads.

## We think in generations, not in quarters.

Assfalg is a family company managed by Mr Christian Assfalg in the fourth generation. Ronald Assfalg and Annette Assfalg are actively involved in the management of the company.

Assfalg is a leading solution provider in the field of deburring and edge milling technology as well as in the field of magnetic clamping and lifting technology. The owner-managed family business operates worldwide with its approx. 25 employees, based in Schwäbisch Gmünd, and its national and international sales partners.

Assfalg has its roots in Lorch in the Rems Valley in Baden-Württemberg and was founded in 1932 by Karl Assfalg. The focus was on trading in tools and machine tools. His son Günther Assfalg started in the 1970s with a new product area of magnetic clamping and lifting technology. This was followed by deburring and edge milling technology and the first steps towards the internationalisation of the company. His son Dipl. Wirt.-Ing. Ronald Assfalg pushed and specialised the products in magnet technology. The wholesale company was joined by a production facility that manufactures innovative and patented products mainly in the form of an extended workbench for its customers.

In particular, the Assfalg deburring and contouring machines as well as automated special solutions are further developed by son Christian Assfalg, the great-grandson of the company founder.

Continuous research and development as well as the integration of new products drive the company Assfalg forward.

Both product areas, with their synergy effects, develop the hidden champion “The Ace for metal“, which is a partner for numerous sectors both nationally and internationally in the metalworking industry.

Christian Assfalg

Annette Assfalg

Ronald Assfalg



Get to know us better.  
Our Website:



**We know  
what metalheads need:  
Perfection in metal.**



## Magnets - solutions, accessories and tools to help you master your specific challenges.

Research and development are of the utmost importance at Assfalg.

We score with countless innovative and patented products in the magnetic clamping and lifting sector. Countless national funding projects allow us to develop innovative products in accordance with customer requirements so that they can produce up-to-date technology in an efficient manner. We also offer you exactly what you need when it comes to demagnetisation, welding accessories, magnetic tools and small magnets.



**To our  
Magnets**

## Lifting

# Metalheads lift any load gently and precisely.

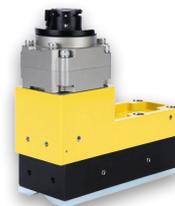
Whether manual, battery-operated or power-dependent - our lifting magnets can handle any challenge. Electro-permanent magnets and permanent magnets safely lift round and flat material in various load ranges. With the automatic mode and integrated load indicator on the display, our devices enable precise and gentle handling. Magnetic traverses also facilitate the transport of magnetic workpieces.

### Manually operated



Elift 300

### Automation



LAY Series

### With battery power



SB500

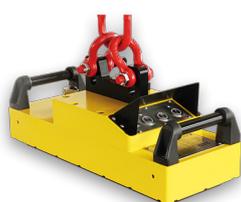


SB950-SF

To our  
Lifting Magnets



**With mains power**



EPMM



EPMH

**Load lifting beams**



With battery power - EPMBL



With main power - TBK

## Clamping

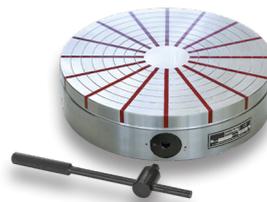
# Metalheads clamp securely, quickly and without distortion.

Our range of magnetic chucks guarantees secure, fast and distortion-free clamping of a wide variety of workpieces - whether heavy, large, small or filigree. Manually operated permanent magnetic chucks are independent on power and therefore portable. The innovative and patented electropermanent square pole plates\*\*\* and the double-sided magnetic clamping modules offer flexible application options. This leading technology allows efficient work processes.

### Manually operated



Permamax



Neostar

### With mains power



Magnaslot



Doublemag



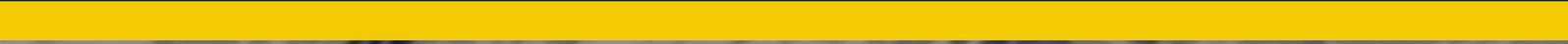
EPFlux



EPRadial

\*\*\* Patent-no. EP1874504

To our  
Magnetic Chucks



## Welding Equipment

# Metalheads have it easier when welding, soldering and fixing.

Welding angles and welding accessories facilitate the work involved in welding, soldering and fixing ferromagnetic components. From ground magnets, which provide grounding to the welding devices, to angle-adjustable welding angles whose magnetic force acts in several directions, the welding accessories cover a comprehensive spectrum.

### Welding angle



MS2-90



Pivot P2



A90



Magsquare MSQ

### Welding aids



HL60-CE



Ground Magnets

To our  
Welding Equipment



## Demagnetise

**Metalheads demagnetise easily and efficiently, mobile and stationary.**

Use our demagnetisation devices to remove residual magnetism from workpieces.

These magnetic forces not only disrupt the production process, but can also have a negative impact on the final quality of the products.

We offer a wide range of options for different workpieces and applications - from hand-held devices to tabletop and tunnel devices.

### Handheld device



EDH 123

### Table-top units



EDS 200

### Tunnel equipment



T163

To our  
Demagnetising  
Devices



## Magnetic Tools & Small Permanent Magnets

# Metalheads have magnetic powers for almost everything.

Our magnetic tools include sheet-metal spreading magnets for easy removal of individual sheets and magnetic brooms that efficiently collect metal parts. Magnetic filters clean liquids of iron particles using a permanent magnetic core. Furthermore, we offer a wide range of small magnets for various applications, such as organisational magnets.

### Cleaning | Filtering | Sorting



Magnetic broom



Micromag

### Small permanent magnets



Flat gripper

### Expanding magnets



Separating magnet BSM1



Switchable spreading magnet

To our  
Magnetic  
Tools



To our  
Small Permanent  
Magnets



# Are you also a metalhead? We will be happy to advise you.

Assfalg. The ACE for metal.

Get in touch with us.  
By telephone or during a  
personal appointment.

---

T +49 (0) 71 71.92 505-0  
info@assfalg-metal.com

Assfalg GmbH  
Buchstraße 149  
73525 Schwäbisch Gmünd  
www.assfalg-metal.com

To our  
Website



MAGNETS \_\_\_\_\_

MACHINES \_\_\_\_\_

TOOLS \_\_\_\_\_

**assfalg**  
The ACE for metal |