Resistance welding systems for industrial applications
The demands on the process control are as manifold as the applications.

HWH is your partner for innovative and outstanding solutions in power units, control systems and adjustment controls for welding technologies.
INDUSTRIAL SOLUTIONS IS A MARKET WITH SPECIAL CHALLENGES. THE VARIABILITY OF WELDING TASKS REQUIRES A HIGH DEGREE OF SYSTEM FUNCTIONALITY

Demands on intelligent welding systems are getting more challenging. Increasing complexity at welding tasks – like different materials, the kind of surface or crosslinking of plants – make great demands on the machine and control technology.

Particular focus lies on:

- Durability and persistence
- Cost effectiveness
- Reproducibility
- Safety
- Self-explanatory operating interfaces
- Innovative control engineering

Welding systems of HWH are longtime proved and tested. They are as well always on the upgrade and conform the manifold demands for individual applications.
USE THE FLEXIBILITY OF OUR WELDING TECHNOLOGY

Profit from our longtime know-how concerning resistance welding.

For an effective production our controls and systems are optimized on:

- High getting
- Effectivity in production lines
- High welding quality
- Broad process analysis and visualization
- Powerful quality assurance systems
- Fast process capability
- Complemented data archiving and tracability
- Individual customization
- High flexibility

The continuous reproducibility during the welding process guarantees a steady production. Thereby your plants will have a notably high output.

Through the recognition and notification of failures and process deviations there is a high degree of process safety.
Through our longterm competence we offer you fitted concepts for superior welding tasks.

Welding systems are available in different constructions and operating frequencies (50/60 kHz, 1 kHz, 10 kHz). Our portfolio contains controls from single machines to cross-linked plants.

With our current product series:
- Genius
- Filius
- Sinius
- PQS\textsuperscript{next}
- Varius

By using our systems you are safely and flexibly prepared for the future. Our product spectrum reaches from approved standard solutions to the point of individual special solutions as well as from a few hundred amperes up to over 300 kA weld current.

To guarantee a proper welding process a well trained service team is worldwide on your disposal. Whether trainings on side, in our welding labs or professional guidance of our project department – with Harms & Wende you will always be supported personally.