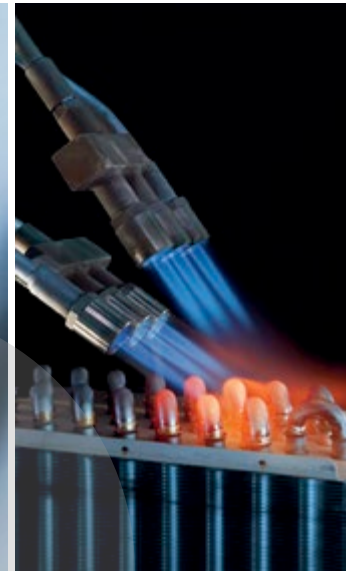


WE HIT THE GAS



Vulkan



GasTech

iGas
Gas Engineering

EVERWAND
GRUPPE

WE HIT THE GAS

FLEXIBLE

INNOVATIV

SKILLFUL

INDIVIDUAL

Vulkan

Fresh ideas meet tradition

Since many years the Everwand-group is a well-known part of the gas industry. From single components to complete solutions or services for technical or medical gases as well as for high purity gases, piping constructions and automated welding or brazing machines and gas plants complete with process measuring and control technology – Everwand has a wide product range and supplies global players around the world.

A close loop to the customer creates individual concepts for high sophisticated products custom-tailored to the particular requirements of the end-user.

Integrated solutions from one hand

The customer benefits from one contact person for all needs around the gas technology and well-defined responsibilities from

the beginning to the end of a complete project.

More than 100 years of experience

The Everwand group and its products worldwide well-known under the brand-name Vulkan benefit from their experience of more than 100 years of gas technology. Everwand is not only looking back, but forms creatively the future by participating in committees like VDMA, DVS; DIN; CEN or ISO as well as cooperating with institutes like Fortis or KIT, to realise technologic innovations.

Made in Germany

Our national as well as our international customers appreciate the quickness and flexibility of a medium-sized family-owned enterprise, which designs, engineers and manufactures with high skilled employees exclusively in Germany.



Manifolds for highest demands

You can find GasTech products particularly in leading company groups of power engineering and automation technology, medical engineering, the biogas industry and in international operating institutes and universities.

Precision and safety as well as innovative technique describes GasTech's philosophy. With the new clean room GasTech fulfils the most demanding requirements concerning a clean and dust free atmosphere. This creates a sense of security not only for GasTech but especially for the costumers.

Safety, precision, individual customizing, short delivery times – innovative technology for international markets. For more than 25 years!

CENTRAL GAS SUPPLY SYSTEMS

We plan

and manufacture for more than 40 years complete central gas supply systems from the high pressure manifold over the pipes to the single tapping point at the point of use.

We supply

complete gas manifold systems and gas control units for "plug and play" including the entire do-

umentation with operating manuals according to the PED.

"Special" is our Standard

The predominant part of our gas manifold systems is individually adopted or explicit completely new planned and designed as well as manufactured according to the specific needs and requirements of the customer.

CYLINDER MANIFOLDS

BUNDLE MANIFOLDS

TANK SYSTEMS

CONTROL AND MEASURING

TAPPING POINTS

Vulkan



PRESSURE REGULATORS

MANUAL MANIFOLDS

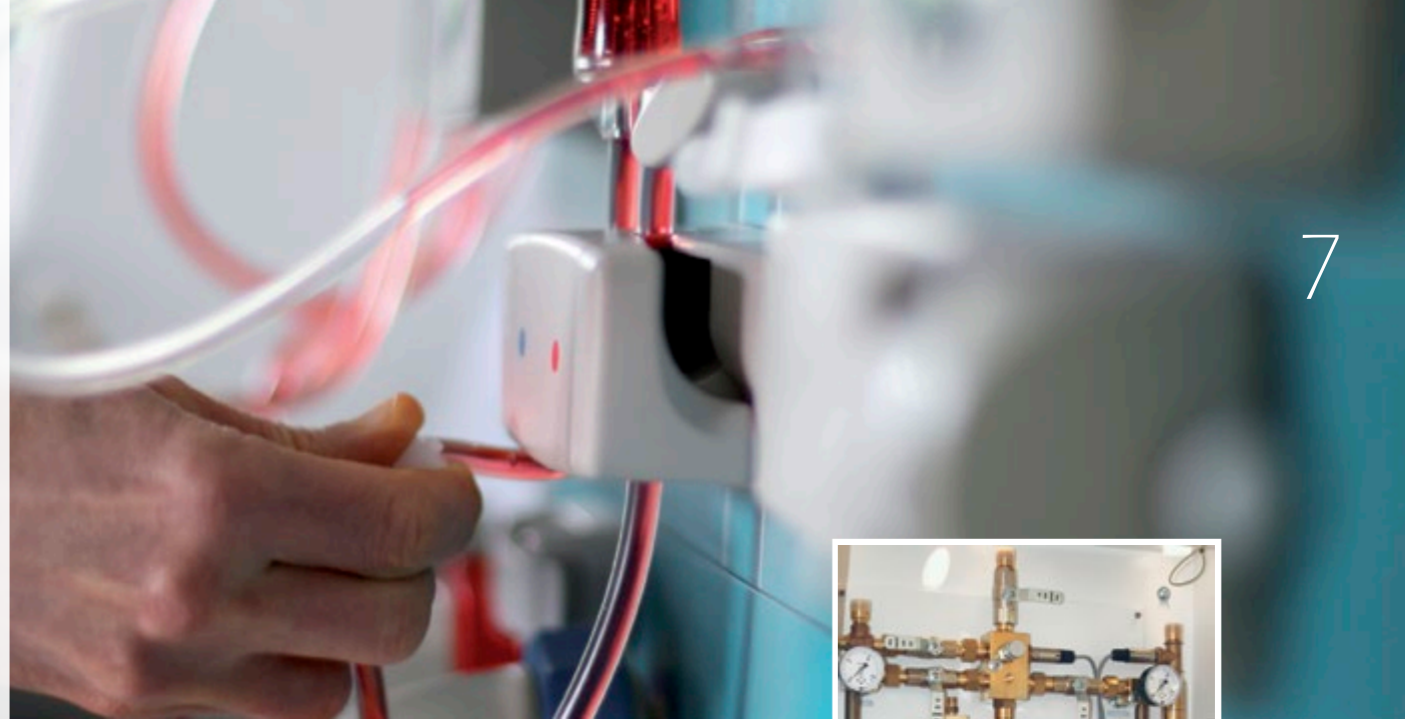
AUTOMATIC MANIFOLDS

TAPPING POINTS

ANALYSIS PANELS

GAS CABINETS

GasTech

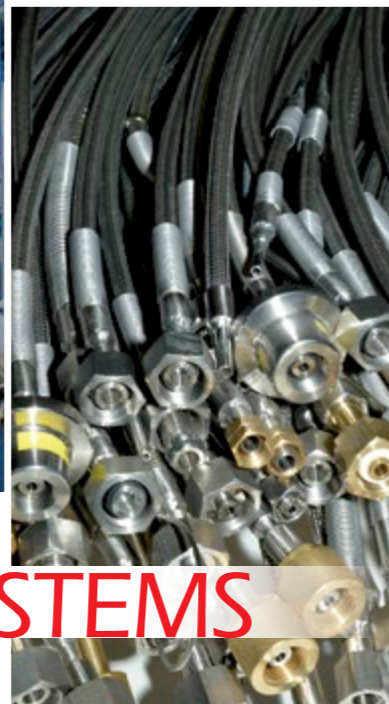


FLEXIBLE HOSES SYSTEMS

Everwand produces in Solingen/Germany high-quality hose systems for high pressure and low pressure technical- and cryogenic gases.

Furthermore, a core competence of the company lies in developing special solutions tailored to suit individual customer needs. Maximum operational reliability is our supreme goal.

Each product undergoes a strict in-house quality control procedure, and only passes this if it complies with the high quality criteria we set for Vulkan products.



- STAINLESS STEEL HOSE SYSTEMS
- RUBBER HOSE SYSTEMS
- LOW PRESSURE HOSES SYSTEMS
- EIGA COUPLINGS
- VULKAN PARKING STATIONS
- SPECIAL SOLUTIONS



MEDICAL TECHNOLOGY

Cooperating with Medgas-Technik GmbH, we have found a couple of years ago a competent partner for medical gas supply systems. For more than 30 years they have a broad technical expertise and the necessary approvals according to the actual relevant medical directives and standards. Together with Medgas we have

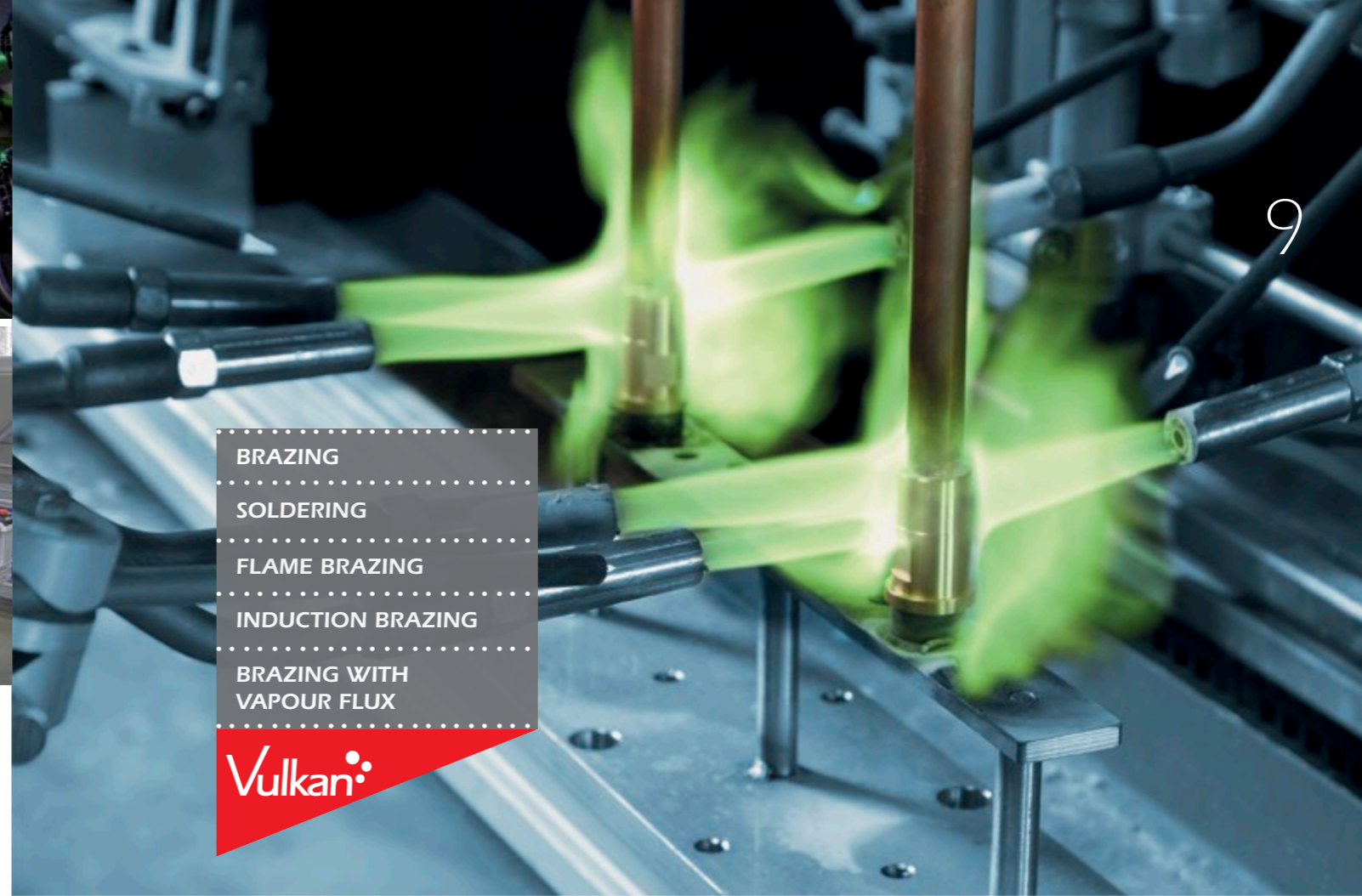
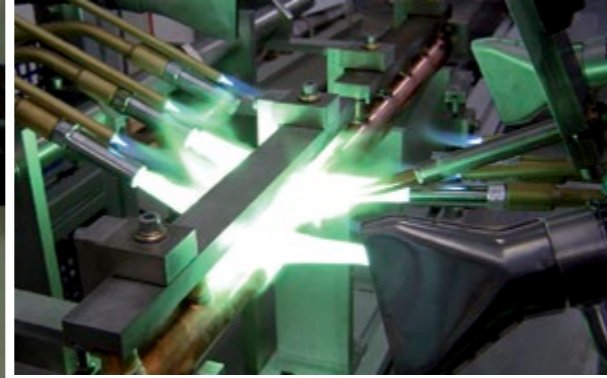
developed a complete new product line for hospitals, providing manifolds, area control units, gas sockets, gas connectors and accessories.

All Medgas products are "made in Germany".



- AUTOMATIC MANIFOLDS
- AREA CONTROL UNITS
- GAS SOCKETS
- MEDICAL DEVICES





BRAZING
SOLDERING
FLAME BRAZING
INDUCTION BRAZING
BRAZING WITH
VAPOUR FLUX

Vulkan

BRAZING TECHNOLOGY

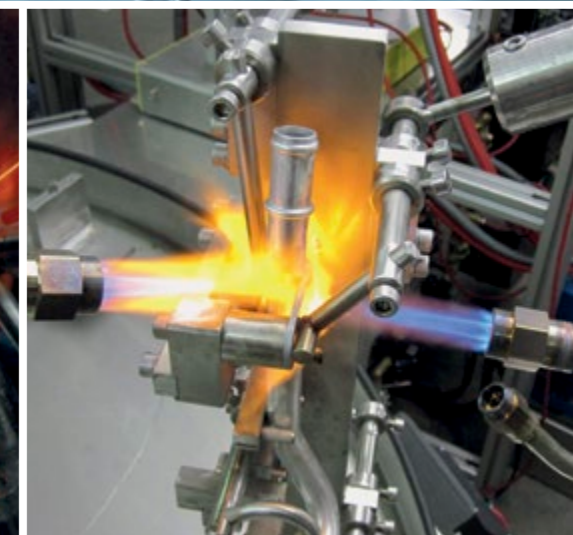
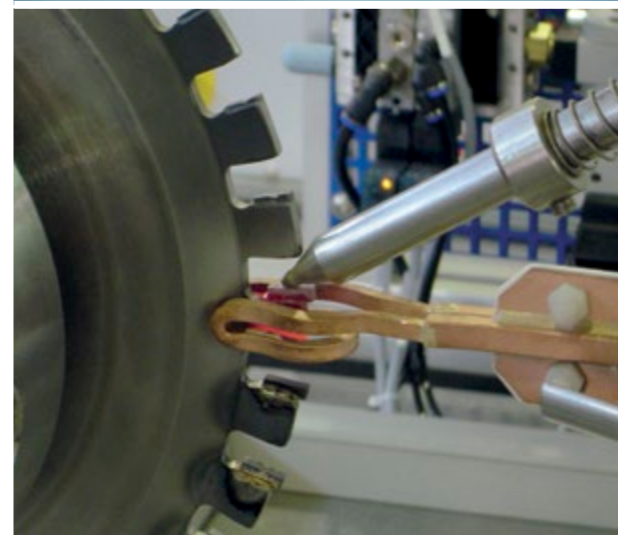
Brazing machines made in Solingen are operating all over the world. What do fluid components for automotive applications, HVAC components, solar collectors, steel pipe furnitures, domestic appliances, sanitary fittings, or carbide tools have in common? Automated brazing is typically required to manufacture such components and Vulkan Brazing Machines are often used to perform that work.

For more than 30 years, the Everwand brazing specialists have

been providing now solutions for the automation of brazing processes. Solutions, that are specifically tailored to the individual needs of our customers. Right from the project start with first advisory discussions and demand analysis up to the installation and commissioning of the machine, in all phases of a project we maintain in a close dialogue with our clients. Thus, customized brazing machines are created, that meet all the high standards set by the industry.

AUTOMOTIVE INDUSTRY
AIR CONDITIONER
APPLIANCES
SOLAR COLLECTORS
HEAT EXCHANGER
STEEL PIPE FURNITURE
SANITARY FACILITIES

Vulkan



10



11

PRINTING INDUSTRY

MSO with more than 30 years of specific know-how in the printing industry meets more than 100 years of Everwand & Fell's knowledge of engineering machines and plant.

Together we can offer you not only single components but also complete integrated systems, which we design, manufacture and integrate on-site at the customer.

Innovation

Our newest generation of stacking systems are novelties on the world market and so easy to built, that we asked ourselves, why we did not have this idea much earlier.

The core competence of MSO is removing, conveying and stacking of printing plates. Many systems are installed at various well-known customers, which demonstrate every day

- REMOVING
- CONVEYING AND TRANSFERRING
- TURNING AND ORIENTING
- BLANKING AND BENDING
- DEVELOPING
- STACKING



their reliability. Thanks to its branch-wide approved know-how, MSO repairs, maintains, expands and optimises also more and more systems from other manufacturers.

GAS ENGINEERING

The „i“ in the name of iGas stands for „intelligent“. The in 2010 founded subsidiary offers complete customized solutions for the generation, mixing and regulating of gas for industrial production processes.

That means iGas designs, engineers and manufactures the entire gas plant including the process measuring and control technology and offers the assembly commissioning and the „after sales service“ for technical gases, high purity and corrosive gases.

In addition iGas offers the entire process measuring and control technology, to optimise flow pressure and mixing proportions.

Renewable energy

iGas designs and manufacture the entire hydrogen technology plants for the power supply industry. Hydrogen enables the storage of electrical “waste energy”, for example generated by wind or solar power plants, which can be reconverted into electricity or used industrially, de-

- FUEL-, SHIELDING-, AND INERT GASES
- MIXED GASES FOR THE HEAT TREATMENT
- ON-SITE-ELEKTROLYSES
- POWER STORAGE
- RECONVERTING
- FILLING STATIONS



pending on the demand. More than that bio- methan can be created. The advantages are not only the more efficient use of energy but also abstracts CO2 and improves the environmental balance.



More than 106 years of experience

EVERWAND-GRUPPE

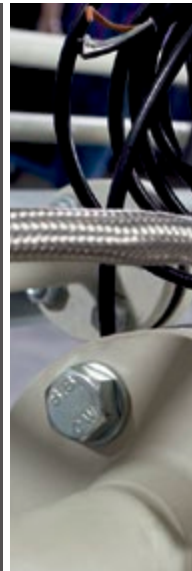
Bonner Straße 305, 42697 Solingen
Germany

Fon: +49 (212) 8809-0

Fax: +49 (212) 8809-10

www.everwand.de

www.gastech.de



- | | | | | | |
|------|---|------|---|------|--|
| 1911 | Lambert Fell starts in Bonn the production of welding hand torches and pressure regulators | 1969 | Rolf Everwand enters the management of the company | 2010 | Foundation of the business unit „iGas – gas engineering“ |
| 1932 | Hugo Everwand starts in Lörrach the production of gas welding equipment and pressure regulators | 1979 | Rolf Everwand merges both companies to the Everwand & Fell GmbH. | 2011 | Michael Everwand purchases 50% shares of the GasTech GmbH for high purity gas technology |
| 1936 | Hugo Everwand moves to Solingen | 1983 | The brazing machine divisions is intensivly expanding | 2012 | The production of GasTech moves to Solingen and opens a new clean room |
| 1960 | Hugo Everwand starts to design and manufacture automated fixtures to braze and weld knife handles | 1994 | Michael Everwand enters the management of the company | 2013 | The first hydrogen PEM-Electrolyser is assembled |
| 1965 | The production of gas welding equipment and regulators expand to complete gas manifold systems | 2002 | Everwand Druckgastechnik GmbH is founded to manufacture flexible hose systems and special products for technical, cryogenic and corrosive gases | 2014 | Successful certification acc. to ISO 9001 |
| | | 2006 | Everwand Druckgastechnik GmbH starts to expand the division for on-site gas piping installations and gas plant engineering | 2016 | New productline of conveying systems for the printing industry |