



Defining the standard

Pfaudler is the leading technologies, solutions and services provider to the chemical and pharmaceutical industries, as well as many others.

Ever since our beginning in 1884 with the invention of glass-lined steel (Glasteel®), we have continued to lead the industry with new technologies and solutions to process all types of chemistries.

To put it simply...

Pfaudler Technologies

We help make the world around us. Much of what you see, taste and touch in the world was created or improved using Pfaudler Technologies.

Pfaudler Services

We provide 24/7 support for your entire plant.

Pfaudler Solutions

We design and build turn-key process systems.

Pfaudler Innovation

Our innovative spirit continuously drives us to develop the nex great technology.

Biofuels

Waste oil recovery

• Flue gas desulfurization

Making the world better

Our technologies are at the heart of processing basic chemicals that are the building blocks forming everyday life products used around the world.

Our innovations support the sterile pharmaceutical and nutraceutical industries to produce the medicines that help people live better lives.

Our process engineers provide green solutions including evaporation systems to reduce VOC and protect the environment, as well as evaporation systems for biofuels and oil re-refining to preserve the world's natural resources.

Our technologies provide for safe handling of highly corrosive and hazardous chemicals, protecting personnel, property and the environment.

The high-tech electronics prevalent today would not be possible without the ultra-pure semiconductor chemicals produced utilizing our fluoropolymer technologies.

Every day our services groups work to install, maintain and optimize these technologies and solutions in plants around the globe.

Our innovations and expertise define the standard in our industry.

These are but a few examples of how Pfaudler strives to make the world better. We are constantly pushing the boundaries of performance and technology in the most demanding chemical environments. If the chemistry is critical, complex, challenging or cutting-edge, that is where you will find Pfaudler.



· Electronic components

• Plastics, polymers and silicones

personal care

Fire retardants

Adhesives

Proud heritage

1884

1880

Glasteel® invented by German brewmaster, Casper Pfaudler.

Innovations

1890

1903

1900

Pfaudler erects plant in Rochester, NY, USA.

1906

Due to U.S. Food and Drug laws, Glasteel is needed for cleanliness properties.

1907

Pfaudler erects plant in Schwetzingen, Germany.

06 •

1923 **•**

1920s

With the birth of the

Glasteel is needed and

resistance properties.

chemical industry.

used for corrosion

1910

The first company to fabricate chemical process equipment with stainless steel.

1932

Created the first agitated Glasteel reactor.

1920

1933

Pfaudler partners with Henry Balfour company, Scotland, UK (originated 1810). 1938

1930

Pfaudler becomes the first company to fabricate chemical process equipment with zirconium.

1940

1942 🛑

Pfaudler becomes the first company to fabricate chemical process equipment with tantalum.

1946

Pfaudler becomes the first company to fabricate chemical process equipment with titanium.

Innovation is the essence of Pfaudler. In 1884, Casper Pfaudler invented the process for glass-lining steel for the vacuum fermentation of beer. Today, this technology is called Pfaudler Glasteel.

Physical growth of the company

Along with our Edlon® brand fluoropolymer technologies, Glasteel has brought unrivalled corrosion resistance, cleanliness and non-stick properties to many industries. The application of these technologies has expanded from its original purpose to become the critical cog in the processes at the heart of the chemicals, polymers, pharmaceuticals and semiconductor industries, amongst others.

In the mid-1900s, we expanded our capabilities to include process engineering resources,

combining our technologies into complete process solutions to meet the ever-growing and evolving needs of the chemicals industry. We started our Services division and it has since expanded to be the largest in the industry, providing life cycle support to our clients.

In 2015, Pfaudler further expanded its chemical engineering and distillation process portfolio with the addition of Julius Montz GmbH, an industry leader in the field of distillation technology.

1960 🛑

Montz invents Thormann° Tower Tray.

1962

1960

Pfaudler acquires Henry Balfour company, Scotland, UK.

1969

Pfaudler invents the industry's first Glasteel® temperature sensor.

1973

Pfaudler invents the industry's first and only Glasteel pH sensor.

1973

Pfaudler fabricates the industry's first Glasteel reactor with half-pipe jacket.

1975

Pfaudler fabricates the industry's first Glasteel vessel larger than 80 m³.

1975

to date.

Pfaudler erects plant in Taubaté, Brazil. 1980

1970

Pfaudler acquires Edlon^o, Inc. (originated 1964).

1980

1985

Tycon invents the TBO° glass-lined heat exchanger.

1986

Edlon UK established in Leven, Scotland, UK (through acquisition of Stoline).

1988

Pfaudler invents the Cryo-Lock® mixing system.

1989

With our innovative spirit, we have continued

to develop technologies for new applications

and improve existing processes. Throughout the

years, besides the growth of our Technologies and

Solutions portfolios, we have also continued to

grow geographically, better meeting the needs

expand its chemical process Technologies and

acquisition. The above timeline is a summary of

some of our major growth and accomplishments

Solutions portfolios through innovation and

Forward-looking, Pfaudler will continue to

of our clients with new facilities located globally.

Tycon invents the Elcolock® mixing system.

1990

1990

Pfaudler invents Pfaudler World Wide Glass (WWG).

2000

1992

Edlon line of Secure and Pure^{**} ultra-high purity products developed for the semiconductor industry.

1994

Pfaudler is acquired by Robbins & Myers Inc., USA.

1996

Pure-Fusion[™] weld seaming technology introduced.

1996

Pfaudler acquires Suzhou Glass-Lined Equipment Company in Suzhou, China (originated 1967).

1997

Pfaudler acquires Tycon Technoglass (originated 1969) San Donà di Piave, Italy.

1998

Montz internals applied for first commercial Dividing Wall Column Operation.

1999

Pfaudler invents GST Turbine and MXT Turbine.

1999

Pfaudler acquires Gujarat Machinery Manufacturers in Karamsad, India (originated 1962).

2002

Pfaudler invents Pfaudler Pharma Glass (PPG). 2002

Tycon invents GlasSiC° Silicone Carbide Exchanger.

2020

2003

2010

Pfaudler invents C-Baffle.

2004

Pfaudler invents Anti-Static Glass (ASG).

2005

Tycon invents the Multibaffling® system for glass-lined reactors.

2008

Pfaudler acquires Mavag AG (Filers/Dryers) in Neunkirch, Switzerland.

2009

Pfaudler invents Abrasion Resistant Glass (ARG).

2011

Pfaudler develops Edlon manufacturing capabilities in Suzhou, China.

2013

Robbins & Myers Inc., USA is acquired by National Oilwell Varco, USA.

2014

Pfaudler invents Cryo-Lock Glasteel Conductive Glass for mixing systems.

2014

Pfaudler becomes part of Deutsche Beteiligungs AG Fund VI.

2015

Pfaudler acquires Montz (originated 1911).



Dynamic

We continually search for better solutions to ensure we meet the needs of our customers and the challenges of tomorrow.

Trusted

We provide a proven reliability in all our technologies, services and solutions that reinforces our reputation as the trusted industry leader.

Professional

We pride ourselves on expert technical advice, rapid service response and on-time delivery that defines the standard for the industry.

Innovative

We leverage our worldwide team's knowledge and expertise to create new technologies that deliver high value solutions for our customers and shape the industry.

Responsible

We actively support inclusion and diversity, protect the environment and maintain the highest standards of compliance and ethics in everything we do.

What Pfaudler stands for

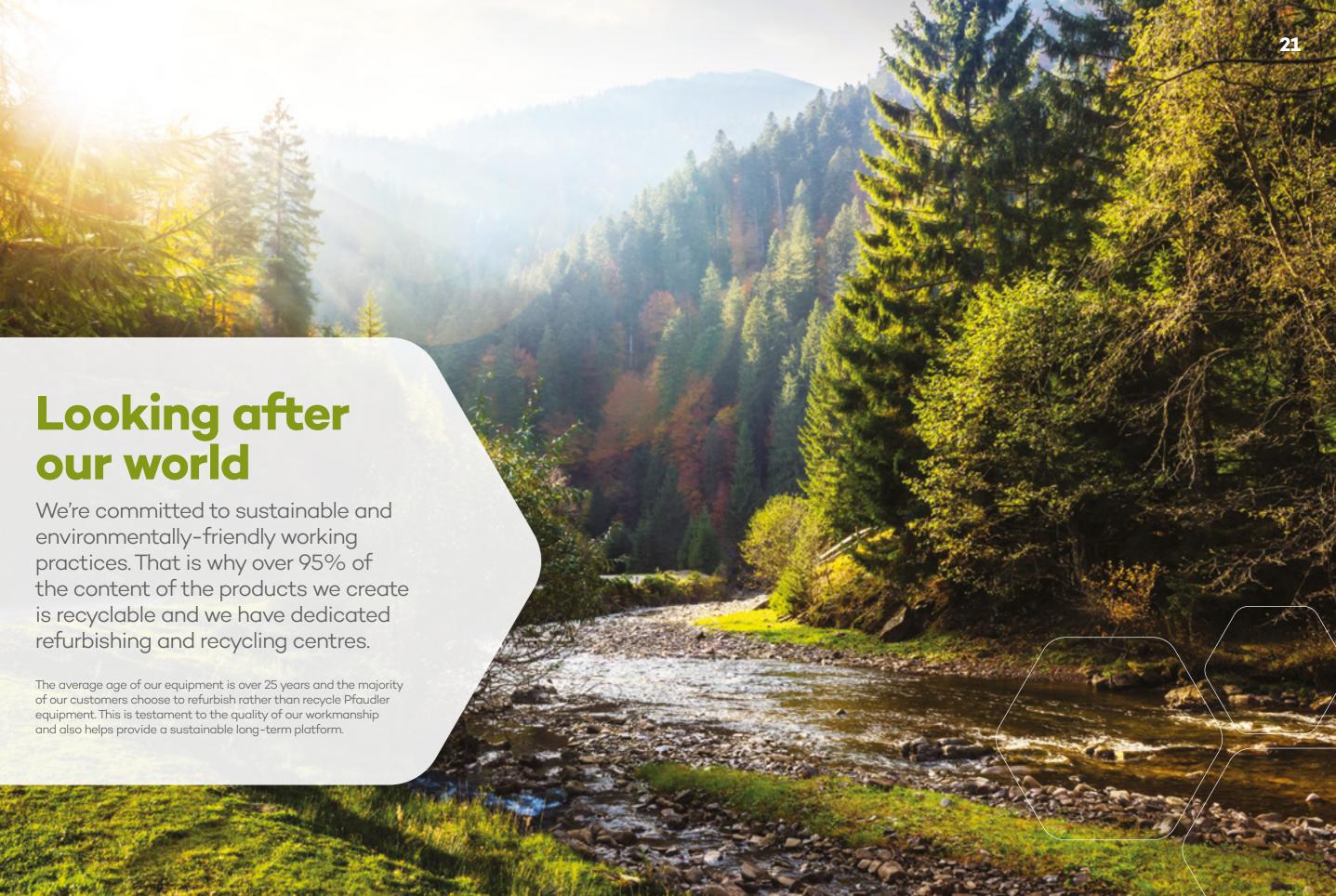
Our values guide who we are and everything we do. They are what we live by and strive for every day.











Locations Landau GERMANY Hilden GERMANY sales-DE@pfaudler.com sales-DE@pfaudler.com Schwetzingen — Rochester Leven **GERMANY** sales-US@pfaudler.com sales-UK@pfaudler.com sales-DE@pfaudler.com Cahir IRELAND service-IRL@pfaudler.com Tilburg NETHERLANDS **Avondale SOUTH KOREA** sales-Edlon@pfaudler.com service-NL@pfaudler.com sales-KR@pfaudler.com Bolton service-UK@pfaudler.com Neunkirch SWITZERLAND sales-Mavag@pfaudler.com sales-CN@pfaudler.com Schiltigheim FRANCE service-FR@pfaudler.com San Donà di Piave Taubaté BRAZIL ITALY sales-IT@pfaudler.com sales-BR@pfaudler.com Mumbai sales-IN@pfaudler.con Edo. De México MEXICO sales-MX@pfaudler.com

