



# COMPANY PRESENTATION



- Introduction
- Company
- Services



# Introduction

## Introduction

- Founded more than 10 years ago, ProChem GmbH is a service provider of preliminary and final products to the Chemical and Pharmaceutical Industry.
- ProChem GmbH is solely working as a **service provider** and thus acting absolutely **neutrally** in **contract manufacturing**.
- All customers enjoy the highest degree of **confidentiality** regarding formulation and production procedures of their products. All processes concerning formulations and procedures are governed by **strictest safety regulations**.
- **We are certified DIN EN ISO 9001:2008 and DIN EN ISO 14001:2005**

## Portfolio of Services:

- **Synthesis**
- **Drying**
- **Mixing**
- **Grinding**
- **Sifting**
- **Packaging**





Company

## ProChem – Plants

- Head Quarters and Oberthal plant



- Dieburg plant



- Lorsch plant



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## Company History

Dec-98	Company ProChem GmbH founded in Lorsch
Nov-01	Installation of machine park at Oberthal plant
Mar-02	Operating permission for Oberthal plant
Aug-02	Change of Headquarters from Lorsch to Oberthal
Jul-03	Approval of storage of hazardous substances
Oct-03	Certification according to DIN EN ISO 9001
Feb-07	Start-up of Lorsch plant
Feb 08	New construction of production facility at Oberthal plant
Jan-09	Certification according to DIN EN ISO 14001
Feb-09	Acquisition of Dieburg premises (formerly: James Robinson GmbH)

A large, blue, 3D-style hexagonal graphic with a gradient and a shadow effect. The word "COMPANY" is written in white, bold, sans-serif capital letters across the center of the hexagon.

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## Company

# Company Sites

## ProChem – Oberthal plant

Oberthal - Headquarters of ProChem GmbH - situated in the County of Saarland near St.Wendel has production facilities on a site of more than 20.000 m<sup>2</sup> (> 215.000 sqft.). The site is operational since 2002 and features production facilities specializing in chemical synthesis and drying.

Production halls: appr. 3.000 m<sup>2</sup> (> 32.000 sqft.)

Storage facilities: appr. 1.000 m<sup>2</sup> (> 10.000 sqft.)

Emphasis on:

Synthesis – Drying – Grinding – Mixing



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## Company Sites

### ProChem – Lorsch plant

ProChem GmbH opened its second plant in February 2007 on the premises of Bensheimer Strasse 103-105 in Lorsch, situated in the south of the state of Hessen. Situated centrally in Germany and close to a major motorway, the plant offers advantages in both packaging and logistic services.

Emphasis on:  
Mixing – Sifting – Grinding - Packaging



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## Company

# Company Sites

## ProChem – Dieburg plant

In February 2009, ProChem GmbH took over the former premises of James Robinson GmbH consisting of an area of 26.000 m<sup>2</sup> (appr. 280.000 sqft.), fully equipped for chemical and pharmaceutical production.

With this acquisition, production capacity has been adapted to the increasing demand of services in the field of chemical and/or pharmaceutical production. Also, production capacities of the other ProChem locations have been secured.

Owing to the high standard of the equipment, ProChem GmbH is in an excellent position to enlarge the portfolio of services.

Emphasis on:  
Synthesis – Drying - Sifting – Mixing – Grinding



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# Outsourcing Services

## Company Profile

- Chemical synthesis, flexible due to state-of-the-art technology
- Drying services – always the appropriate equipment
- Mixing facilities for the most diverse combinations
- Various ways of crushing and Grinding
- Sifting for size factors up to 1000
- Assembling and packaging according to customer's demand



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## Company Profile

### Outsourcing benefits

- Exactly defined cost
- Flexibility in case of sales volume changes
- Efficient production of small(est) quantities
- Testing of new products
- Bridging production gaps in case of capacity shortages
- Bridging gaps in the event of machine break-down



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## Company Profile

- Thanks to our close collaboration with the surveillance bodies and regulatory authorities, we are in a position to quickly react in a most flexible way to new requirements of our customers and to put them into practice accordingly
- Strictest safety regulations are in place concerning your formulations and manufacturing specifications
- No cost for planning and approval of new production facilities
- No investment in additional machinery necessary
- **We are approved: DIN EN ISO 9001:2008 and DIN EN ISO 14001:2005**

A decorative graphic at the bottom of the slide consisting of several overlapping, semi-transparent blue shapes. On the right side, a large blue hexagonal shape contains the word "COMPANY" in white, uppercase, sans-serif font.

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Synthesis

## Outsourcing partner for Synthesis

Chemical synthesis is highly demanding and covers a wide range of requirements: it is our mission to fulfill these requirements successfully in the interest of our customers.

Our experience, innovation capacity and the high standard of our technical equipment are important factors of success for your synthesis orders.



## Synthesis

### Chemical synthesis equipment: Powerful and flexible

ProChem disposes of modern, modularly designed production facilities.

With reactors ranging from 30 to 13.000 litres, we cover common batch sizes in synthesis services.

Optimal handling may be provided for production volumes ranging from 1 kg to 1.000 tons.

A blue, 3D-rendered button with the word "SERVICES" written in white, bold, sans-serif capital letters. The button has a slight shadow and a gradient, giving it a three-dimensional appearance. It is positioned in the bottom right corner of the slide, partially overlapping the bottom edge.



Drying

## Outsourcing partner for Drying

Drying and dry processing is always of importance where production techniques require specific processing conditions.

ProChem GmbH is your highly efficient and flexible partner for dry processing and drying services.



## Drying services

### Drying machines: Always the appropriate equipment

For drying services, we dispose of a number of contact driers: with vacuum paddle driers with volumes ranging from 600 to 12.000 litres and various set-ups of paddles and blades working at variable speeds (turbulent dryers), we are able to carry out numerous drying services always using the appropriate technique and equipment.



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Mixing

## Outsourcing partner for Mixing

When mixing various substances and substrates the successful outcome of these procedures depends on the exact controlling of all parameters: particle size, volume, mass, viscosity, temperature.

Our mixing facilities are adapted to meet the most diverse requirements.



## Mixing Services

### Mixing facilities: Our equipment

For mixing and coating services, ProChem currently disposes of 10 mixing machines ranging from 300 to 12.000 litres. All parts coming into direct contact with the product are either glass-lined or made of stainless steel, partially high polished. Viscous materials - e.g. waxes - can be melted in heating chambers and be prepared for coating.



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# Grinding

## Outsourcing partner for Grinding

Grinding is more than just reducing sizes – because grinding requires the appropriate grinding techniques and technologies. ProChem has the appropriate know-how and machinery for exact these purposes.



## Grinding

### Grinding units: fine-tuning of particle sizes

For grinding, we operate different grinding units: pin mills, air mills, mills for wet grinding as well as sifting mills, with rotor diameters ranging from 160mm to 630 mm.

Units are partly pressure and impact resistant up to 10 bar.

All parts coming into direct contact with the product are made of stainless steel.



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Sifting

## Outsourcing partner for Sifting

When handling granulates or other substances in compound mixtures of variable particle sizes, the appropriate sifting facilities are required.

You may use our sifting facilities for your needs – as well as our know-how.



## Sifting

**Sifting facilities –  
for differences in sizes with factors up to 1000**

Our facilities are equipped with state-of-the-art sifting facilities for various requirements.

We are currently operating tumbler screening machines and air jet sieves with a diameter of up to 2000 mm. We also have sifting mills at our disposal. By changing different sifting liners, products with grain sizes from 5 mm through 50  $\mu\text{m}$  can be sifted, specifically adapted to each product.



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# Packaging

## Outsourcing partner for Packaging

With our packaging services we can facilitate your work a lot: let us take care of your filling requirements as well as your packaging needs that will be handled according to your demand.

Naturally, all packaging will be integrated into the chain of our services.



## Packaging

### Packaging:

#### Always the right answer

Thanks to several worm gear packers as well as bunker bagging units, we are able to assemble and package practically all current packages and packaging sizes according to our clients' needs, e.g. open containers, open sacks, valve sacks, drums, cartons, big bags etc.

A blue 3D button with the word "SERVICES" written on it in white, bold, sans-serif capital letters. The button is slightly tilted and has a soft shadow underneath it, giving it a three-dimensional appearance. The background is a light blue gradient.



Thank you for your  
kind attention