



CLAUDIUS PETERS

# 1906



# 2006

## 100 years Claudius Peters

This brochure reviews the 100-year history of Claudius Peters in Germany and internationally.

In 1906 Claudius Peters, an 'entrepreneur' then aged 32, laid the foundation stone of what Claudius Peters has now become - a group

- with one of the best-known research, testing and training centers in the world
- manufacturing key sections of industrial process installations and turnkey installations for materials handling and processing in a wide range of industries including cement, gypsum, aluminum and steel (to name just a few)
- which maintains efficient production facilities in Germany to ensure the high quality of our products, and has been involved in the growth of the aircraft manufacturing industry for more than a quarter of a century as a supplier of stringers for Airbus aircraft.

After belonging to Babcock International plc for more than half a century, Claudius Peters has now been acquired by Langley Holdings plc, a private English group and is experiencing a new, historic growth phase.

It would have been impossible for our group to look back on its impressive history without the hundreds of employees, whose skills and motivation have helped to ensure its survival and growth and who have made the name Claudius Peters synonymous with innovation and outstanding engineering.

I wish to thank all of them personally and also on behalf of the shareholder.



Jean-Pierre Méreau

*Claudius Peters today in Buxtehude*



# Claudius Peters –

## from apprentice fitter to founder of a company in 17 years

22 October 1875

First sees the light of day as son of an architect

1890 to 1892

Apprentice fitter with Gebr. Claussen, an engineering company in Wesselburen / Norderdithmarschen

1892 to 1894

Journeyman fitter in Altona and Berlin

1894 to 1896

State College for Engineers in Hildburghausen / Thuringia

1896 1897

Technical designer in Spandau

1897 to 1898

Technical designer in Berlin

01 July 1898

Appointed Works Engineer at the Alsen Portland Cement Works in Itzehoe

01 October 1900

Senior Engineer and Technical Manager in charge of Alsen's newly erected cement works in Catskill, New York

09 January 1904

Marries Ida Baasch, who later gives birth to two children, Harold and Ina, who will subsequently marry Johannes W. Grapengiesser

1906

Acquires the European main dealership for FULLER Lehigh. He travels throughout Europe selling their product with the help of a model in a wooden box.

1955

Appointed Honorary Senator of Berlin-Charlottenburg Technical University at the age of 81.

27 December 1957

Claudius Peters dies.



*Claudius Peters with his wife Ida on their honeymoon journey to America*



*Claudius Peters, aged 23*



*Claudius Peters' office*



First version of the E mill

1906

Foundation of the company handling the European main dealership for Fuller mills and Fuller pumps, at first on a commission basis, later under a licensing agreement. The product range is soon enlarged by the addition of Fuller-Kinyon conveyor systems and by additional licensing agreements with Bailey Meters of Cleveland/Ohio and Detrick of Chicago. The company has its offices at Jungfernstieg 40, Hamburg

1907

Registration of the company in the Hamburg Commercial Register and appointment of a Commercial Assistant with statutory powers

1920

Move to new offices in the Wallhof on Glockengießerwall, appointment of a lady clerk and a technician to assist the senior engineer appointed one year previously.

1930/31

Depression forces wage and salary cuts of 15-20%.

1933

Foundation of Claudius Peters AG  
The shares are acquired by the Peters family, Fuller and the English company Babcock. The staff consists of 8 technical and 3 commercial assistants, 1 secretary, 1 lady clerk, 3 mechanics and 1 chauffeur.

1936

Appointment of Johannes 'Jonny' Grapengiesser as commercial assistant. He will marry Claudius Peters' daughter in 1940.

1939

The company has a staff of 34, but this is reduced after WW2 to 23 in 1946.

1951/52

Major export orders for coolers and mills acquired.

1952

Purchase of the Liebigstrasse pilot plant and also of warehouse space



1966 The Claudius Peters Building in Hamburg's City Nord



1955 The offices in City-Hof

1. April 1954

Foundation of the Este engineering company in Buxtehude with J. W. Grapengiesser as General Manager, plus an initial staff of 7.

1950 to 1955

Sales rise by 300%, staff increases to 157

1955

Move to City-Hof Block A, followed by renting of additional space in Spaldingstrasse, Frankenstr. and City-Hof Block B

1957

Following the death of the company's founder, Johannes W. Grapengießer and Otto Wulf are appointed Executive Directors of CPAG. The staff increases to 174.

1957/58

Dealers are appointed and branch offices are opened for provision of technical services and advice to customers in Germany and other countries (Europe, Near East, Asia, South America)





28. August 1961

Johannes W. Grapengiesser becomes sole Executive Director following the death of Otto Wulf.

1961/62

Staff of CPAG rises to 301, of the Este engineering company to 220. Construction of industrial furnaces commenced. The company becomes involved in refinery construction.

1963

First punched card data processing system installed.

1964

Annual sales DM50,500,000.

06. June 1966

Move to the new office building in Hamburg's City Nord. Now 455 staff in Hamburg

1972

Maxpeters Gesellschaft für Verfahrenstechnik mbH founded.

1973

Interests acquired in Interschalt and its subsidiary Dataschalt, but later disposed of in 1980. Claudius Peters Ltd., London founded. Staff in Hamburg now 513.

1974

Staff in Hamburg now 619. Claudius Peters S.A., Paris and Claudius Peters Umschlaganlagen für Flüssiggut (installations for transloading fluids) founded.

1975

The whole of the Assembly Department (with the exception of a small 'rearguard') transferred to Buxtehude. Pilot plant also transferred from Hamburg to Buxtehude. Maschinenfabrik Este GmbH is renamed Claudius Peters Este GmbH. Claudius Peters Steine Erden GmbH and Claudius Peters Verfahrenstechnische Anlagen GmbH founded.

1976

Claudius Peters Iberica, Madrid and Claudius Peters Inc. Milwaukee, USA founded. Kroll Fahrzeugbau GmbH acquired.

*Piller Power Systems, Osterode*



1977/1978

CP America Inc. moves from Milwaukee to Dallas. Group now consists of 7 German and 4 foreign companies. Staff of CP Este has risen to 400.

1980

Este commences stringer manufacture for Airbus

1986

Babcock International merges with FKI Electricals.

1988

CPAG moves to Buxtehude following extensions to the oldest part of the plant there. CPAG absorbs CP Este GmbH.

1990

Babcock International acquires Consilium Group.

1992/1993

CPVA (BMH Trading) founded in Berlin, later merged with CP in 1996. PHB Someral acquired by BMH S.A. and KST Stahltechnik GmbH (formerly Maxpeters) bought back.

1994/1995

CPAG renamed Babcock Materials Handling AG. BMH S.A. moves from Paris to Illzach in eastern France. KVL Beckum (Pacpal) merges with BMH AG. BMH China Ltd. founded. The names of all group companies are changed to include the letters BMH. Klöckner Stahltechnik merges with BMH.

1996

Company renamed BMH Claudius Peters AG to emphasize membership of BMH Group. No influence on product range.

1999

AG converted to a GmbH

2002

Anthony J. Langley acquires BMH Claudius Peters GmbH and all its subsidiaries. Company renamed Claudius Peters Technologies GmbH and integrated into Langley Holdings plc.

2004

Company restructured into Claudius Peters Technologies GmbH and Claudius Peters Projects GmbH, both subsidiaries of Claudius Peters Group GmbH.

2005

Anthony J. Langley acquires the RWE Piller Group in Osterode and renames it Piller Power Systems GmbH. Claudius Peters office CP Romania SRL opens in Romania.

2006

461 staff now employed in Buxtehude. CP Group has some 600 employees throughout the world. Claudius Peters (India) Pvt. Ltd. founded.



The company's first products were a coal pulverizing mill and a range of pumps. These were soon joined by conveyor systems for bulk materials (coal, limestone meal, cement, gypsum, lime, soda, magnesite etc.). The product range was expanded over the years to include installations for a number of other manufacturing operations and manufacture of components like stringers for the aircraft industry. Claudius Peters has always been an innovative company, holds a large number of patents and invests substantially in research. It has set standards in the industry with pioneering developments like rotary valve, (now selling more than 1000 units per year), crushing mills for cement clinker, its new ETA clinker cooler, its silo mixing chamber technology and FLUIDCON energy-saving pneumatic conveyor systems.

#### What is a silo?

Many people think a silo is just a large cylindrical container, into which bulk materials are loaded at the top and then drawn off at the bottom, as required and in any desired quantity.

But for our customers a new silo system is a major capital investment for the next 25 to 40 years.

When deciding where to place their order, they have to check a whole range of important factors, like simplicity of operation, operating costs, maintenance costs, mode of functioning and reliability.

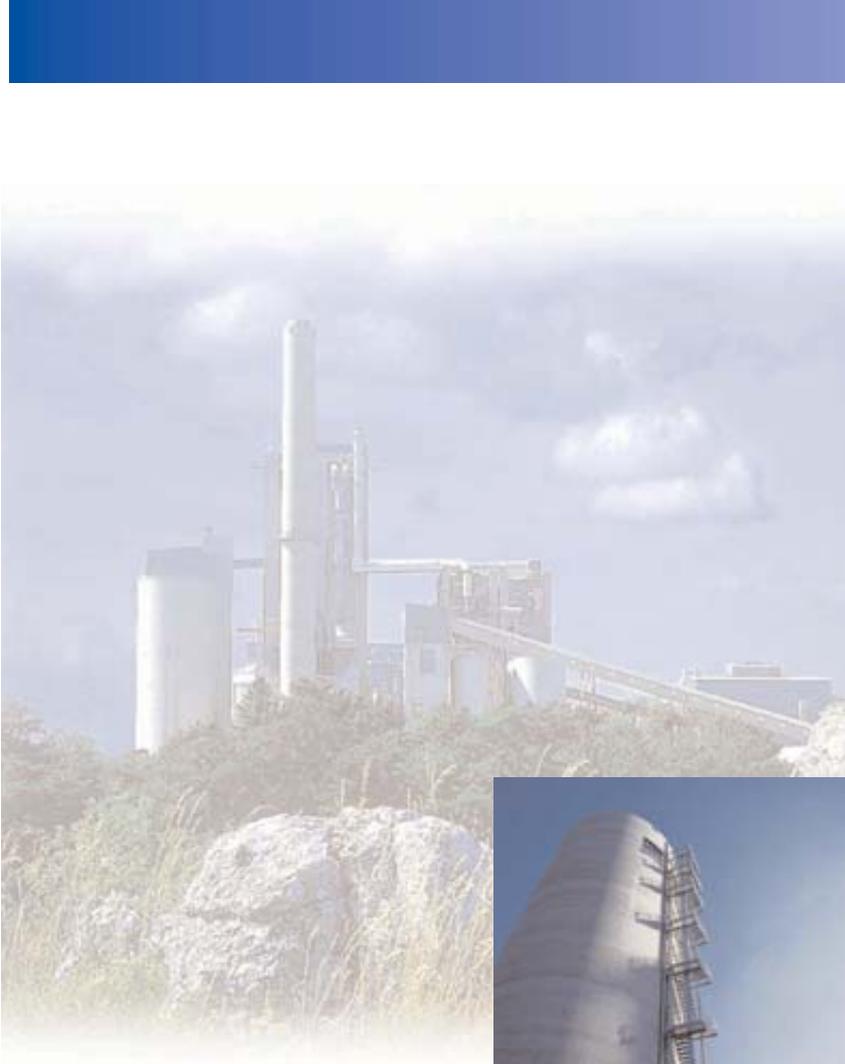
Claudius Peters silo systems are mainly used for:

- o mixing and storage of limestone meal for cement manufacture
- o storage of bulk materials in powder or granular form, e.g. cement, flue ash, gypsum, quicklime etc.

More than 2,000 Claudius Peters mixing and storage silo systems are in use throughout the world in nearly all industries processing bulk solids in free-flowing powder or granular form. They are equipped with the latest state-of-the-art technology at the time of manufacture and give Claudius Peters a mass of experience which is available for the benefit of its customers.

#### Grinding plant

It was back in the 1950's that Claudius Peters started to manufacture pulverizing plant for drying natural gypsum - the raw material for calcination in gypsum kettles. It developed its EM gypsum mill, which offers significant benefits in the form of lower installation costs, optimal energy consumption and superior product quality. This mill can be used to grind gypsum at high temperatures, so that calcination can take place within the mill itself. One of the first mills constructed for this process, an EM 42 supplied to the German company Mack in Schwäbisch Hall in 1964, is still in operation at its original location. This is convincing proof of the efficiency and reliability of Claudius Peters pulverizing mills.



*Silo system*



*Gypsum pulverization and calcination plant*



*Powdered coal injection system (PCI)*

The product range was subsequently enlarged to include gypsum coolers, flash calciners, plaster board crushers and traditional gypsum calcination kettles. This put Claudius Peters in a position to offer optimal solutions for more or less all the technical installations used by its customers.

#### PCI (Pulverized Coal Injection)

Coal pulverizers and pneumatic conveyor systems have figured prominently in the Claudius Peters product range from the very start. Further development work on these engineering systems led to the launch of pneumatic injection equipment for use in metallurgical processes. The first combined coal pulverization and pneumatic injection system for a blast furnace was commissioned in 1984. Claudius Peters is now one of the global market leaders in this type of plant for powdered coal injection into blast furnaces.

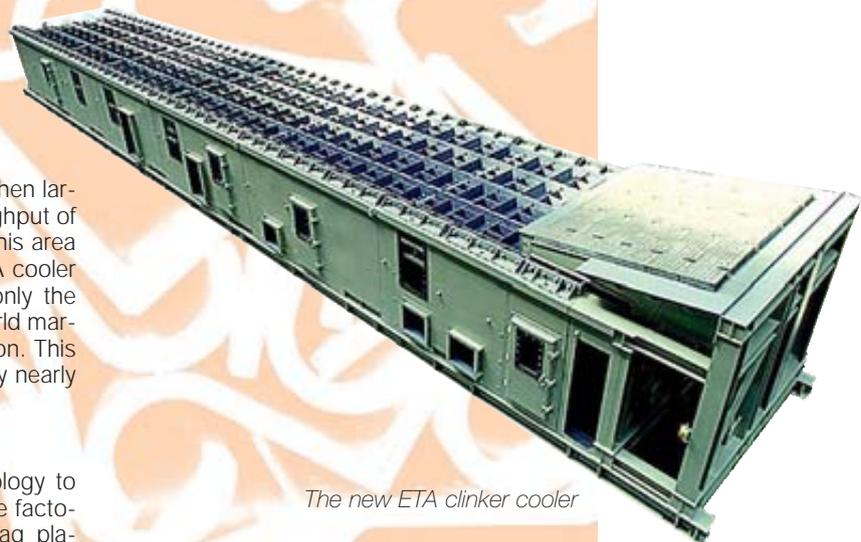


*Supplying the aircraft industry - Stringer manufacture for all models of the Airbus family from the A318 to the A380*

#### Clinker coolers

Claudius Peters started supplying coolers for the cement industry in 1950. There are now 640 of them in operation throughout the world.

By the early 1990's it was building the then largest models of cooler with a daily throughput of 10,000 tons of clinker. Its latest first in this area came in 2004 with the supply of an ETA cooler to Holcim in Switzerland. This is not only the best cooler currently available on the world market ; it is also the simplest design solution. This innovative product is now being used by nearly all our key-account customers.



*The new ETA clinker cooler*

#### Packers

Claudius Peters added packing technology to its product range in 1986. Its Buxtehude factory manufactures packers, automatic bag placers and equipment for loading bags onto trucks and railcars for the cement industry and other sectors handling bulk powders. The high degree of automation incorporated in these systems is an important part of our know-how in this field. We also supply complete engineering systems for truck and railcar loading equipment, palletizing lines and pallet-free bag handling. 140 of our packing systems with throughputs of up to 4,000 bags per hour are now in operation.



*Rotary packer*



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