





Frese Group Corporate Profile



WORKING TOGETHER



René Barington CEO Frese Group

Frese Group

At Frese, we aim to work in close cooperation with our suppliers, partners and customers to provide innovative fluid control and component solutions for our target markets around the world.

With the head office and main manufacturing facilities located in Denmark, the Frese group is a combination of a highly experienced foundry and a leading manufacturer of high quality valves, controls and fittings for the global HVAC, plumbing, marine and industrial market segments.

The Frese business has been built up over 70 years and now holds a prominent position as one of the world's leading providers of innovative fluid control and component solutions.

Providing innovative fluid control and component solutions for our target markets





Frese Group Focus

Market segments



Heating, Ventilating and Air Conditioning

Efficient indoor climate control for buildings



Metal and Steel Foundry

Customised casting components for the toughest applications



Plumbing

High quality components for commercial and domestic use



Marine and Industrial

Durable flow and pressure control for demanding environments







With the ever-increasing focus on delivering **optimum energy efficiency** in buildings, Frese have led the market in the development of innovative, **energy saving valves** for global heating, ventilating and air conditioning (HVAC) applications

Valves and Controls for HVAC Applications

High quality products, application knowledge and customer focus has helped to position Frese as a leading manufacturer and supplier of valves and control solutions for hydronic systems in the global HVAC market segment.

Frese has a long history in the development of valves and controls for both heating and cooling systems with over 25 years' experience designing, developing and supplying innovative, energy saving dynamic balancing valves.

Developing energy saving valves to increase system efficiency









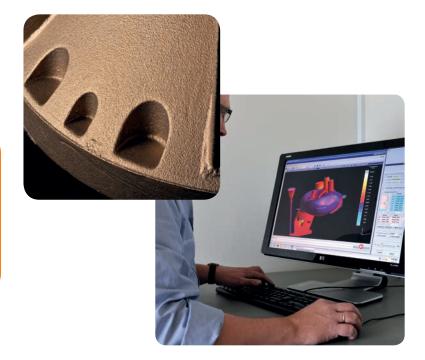
With over **7 decades of knowledge and experience** in the field of specialist sand castings, Frese provides customers with **customised solutions** for the most demanding of applications in a range of alloys including bronze, nickel-aluminium bronze, stainless steel and duplex steel

Customised sand castings

By using innovative manufacturing processes and knowledge, Frese work closely with customers to provide the best possible solution both technically and commercially.

Manufacturing excellence is of extreme importance to Frese, and continuous investment is made to ensure solutions are delivered on-time and to specification in the most environmentally-friendly manner.

Supplying component solutions to a number of market segments, including the marine and offshore industries, Frese offer a range of services including pattern design and production, MAGMA-soft[®] simulation, 3D mould printing, machining, certified quality inspection and supply chain management.



Thin walled sand castings in high corrosion resistant materials





Plumbing High quality components for commercial and domestic use

With **extensive experience** and recognition in the Scandinavian markets, Frese have a strong position in the supply of **high quality** valves and fittings for the sanitary and plumbing markets

Valves, fittings and components

Since the development of the first fitting, Frese has continually invested in the development and approval of a range of sanitary and plumbing products to meet the demands of the market.

The range of products is perfectly suited for use in both domestic and commercial applications and all products come with the Frese guarantee of quality.



Approved to the highest standards







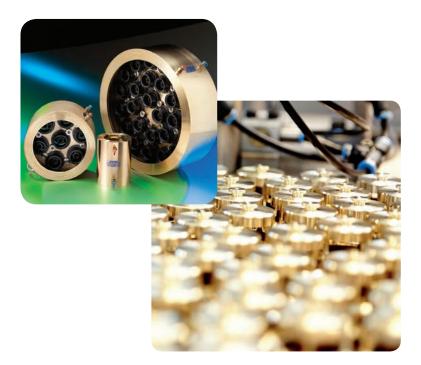
Marine and Industrial

Durable flow and pressure control for demanding environments

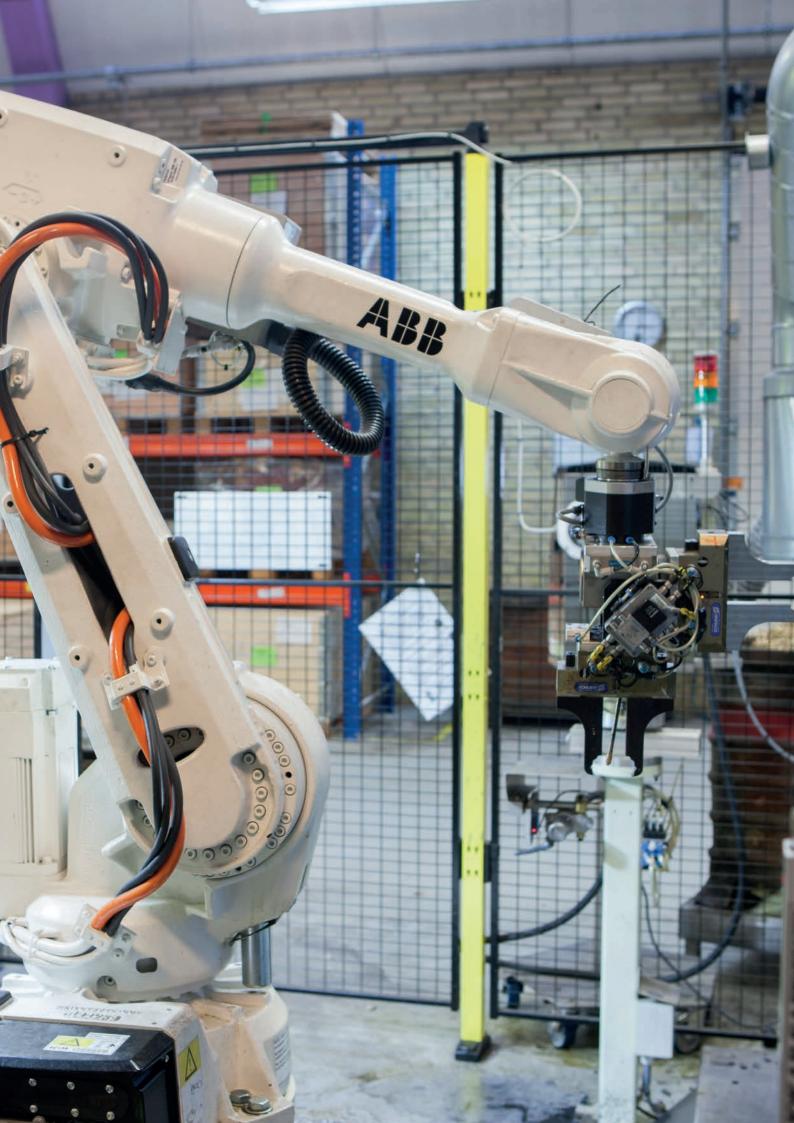
The combination of **extensive** material, product and application knowledge built up over 70 years enables Frese to offer a range of **durable valves** for applications in some of the world's most demanding environments

Valves for marine and industrial applications

Manufactured in materials including stainless steel, low carbon steel and nickel-aluminium bronze, Frese can offer customers a range of products that are suitable for the most arduous environments including applications such as ballast water treatment, seawater district cooling, desalination and offshore.



Dynamic valves manufactured from high corrosion resistant materials





Time Line The development of the Frese Group

Frese is founded on 1st May **1944** Heating forge installed **1972** Inductions furnaces installed **1984**

Norwegian Veritas approval 1988

Subsidiary in Germany 1988

The company is divided into Frese A/S and Frese Metal- og Stålstøberi A/S **1989**

IMF Fast Loop No-Bake form line installed 1991

Last black sand founding at the Foundry 1995

MAGMASOFT installed 1998

First robot installed at Frese A/S 2002

Patent for characteristic ball valve 2005

Initiative Award from Danish Industry 2005

Sales office in Dubai 2007

Sales office in China 2008

Lloyds Register approval 2008

Sales office in Australia 2010

Subsidiary in China 2010

Expansion of the POST department 2013

3D Modeling Software installed 2015

1960 Expansion of facilities

1982 First patent for simple ball valve

1986 First CNC machine

1988 Patent for dynamic valve

1989 First Steel Castings

1990 Extension of the Foundry

1994 Spectrograf installed

1995 Frese A/S moves into new facilities

2001 Patent for Frese ALPHA

2004 Subsidiary in the UK

2005 Patent for Frese OPTIMA

2007 Bureau Veritas approval

2007 Patent for Frese S

2008 Patent for Frese OPTIMA Compact

2009 80L Coldbox Core Slider installed

2010 Subsidiary in Turkey

2011 Sales office in Saudi Arabia

2014 Use of 3D technique

2015 First dynamic valve for seawater launched



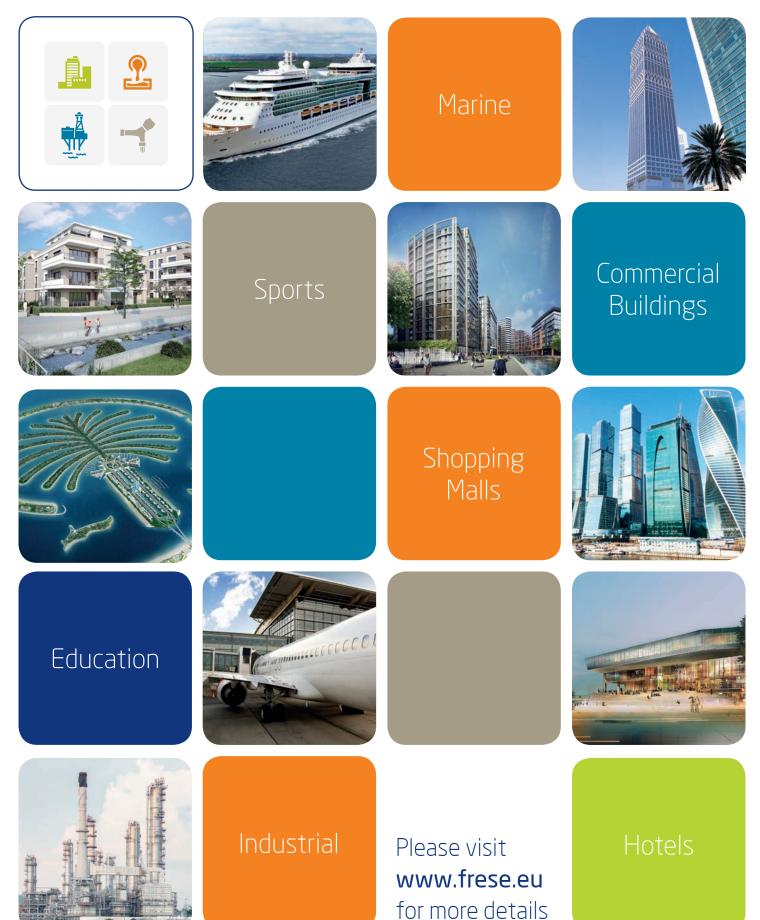








Projects





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INNOVATION

MANUFACTURING EXCELLENCE

CUSTOMER FOCUS

www.frese.eu

Frese Holding ApS

Soroevej 8 4200 Slagelse Denmark Tel.: +45 58 56 00 00 Fax: +45 58 56 00 91 Mail: info@frese.dk