

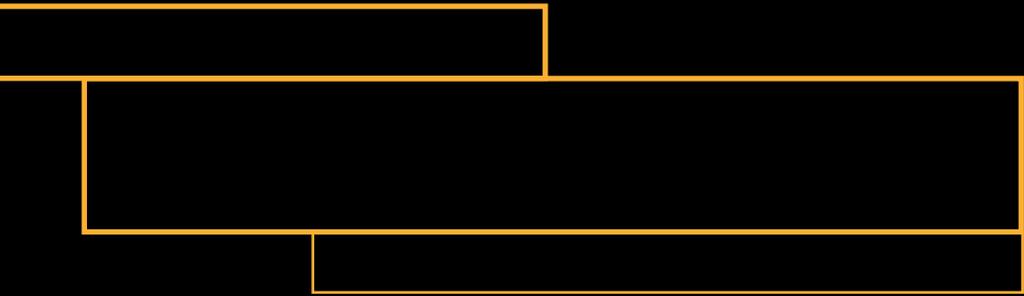


ITT

Water & Wastewater

Flygt history

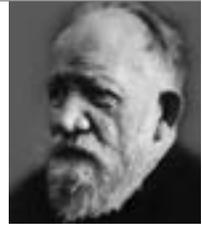
A century of flowing water



Engineered for life

1901

Blacksmith Peter Alfred Stenberg bought a shutdown workshop including a foundry in the village of Lindås in southern Sweden. He established the company P. A. Stenberg to develop his production of ironmoulds and equipment for the many glassworks in the area.



1912

The company was restructured with the new name Lindås Gjuteri & Formfabriks AB (Lindås Foundry & Mould Factory).

1917

Peter Alfred Stenberg transferred responsibility for operation of the factory to his children.

1922

Hilding Flygt, an engineer from Stockholm, started a sales company marketing pumps and fans.



1929

With an advertisement in the daily newspaper Svenska Dagbladet, Hilding Flygt sought contact with a factory able to manufacture pumps. This was the beginning of his co-operation with the Stenberg brothers in Lindås. The pumps were designed by Professor Hjalmar O. Dahl of the Royal Institute of Technology in Stockholm.

1930

The company's first pump - the "universal pump" - was manufactured in Lindås.

1933

Professor Dahl designed the vertical heating pipe pump based on Hilding Flygt's ideas. Offering a number of advantages over traditional pumps, the new design became a sales success.

1947

Sixten Englesson, a master of engineering employed by Flygt, developed a prototype for the first submersible drainage pump, which came to be known as the "parrot cage". This pump, also called the B-pump, brought about a revolution in the mining and construction industries. Hilding Flygt retired at the age of 82. The Stockholm company, AB Flygts Pumpar, was sold to the Stenberg brothers in Lindås.



1951

An export company - Stenberg Corporation AB - was founded to handle steadily increasing foreign sales of submersible pumps.

1954

The first sales company, Flygt Pompen NV, was established in the Netherlands, followed shortly by sales companies in Canada (1955), West Germany (1957) and the United States (1959).



1956

Sixten Englesson developed the submersible sewage pump, called the C-pump, with a discharge connection and the level regulator, which was developed a few years earlier. The C-pump was soon selling as well as the B-pump.

1959

A manufacturing unit - Flygt Werk - was established in Langenhagen, Germany. Four years later, Flygt Werk was moved to Pforzheim in southern Germany.



1961

Lindås Gjuteri & Formfabriks AB changed name to Stenberg-Flygt AB. The name of the Stenberg Corporation AB was changed to Flygt International AB.

1968

Through an exchange of shares, the ownership of Stenberg-Flygt AB was transferred to the American multinational enterprise ITT (International Telephone & Telegraph Corporation). Prior to this transfer, Stenberg-Flygt AB, AB Flygts Pumpar and Flygt International AB were consolidated as a single company. Between 1960 and 1969, seven new sales companies were established: in France (1960), Denmark (1961), Italy (1963), Belgium (1964), Sweden (Grindex, 1966), Norway (1966) and Australia (1969).



1970's

The following decade was marked by an expanding range of products: mixers, manure pumps, large sewage pumps and propeller pumps. The Lindås plant grew dramatically during the 1970's, with the construction of new office buildings, a computer center, material handling center and testing facility for propeller pumps. Further sales companies were established: in Great Britain (1970) and Austria (1975).

1977

The company changed its name to Flygt AB.

1983

Manufacturing of hydroturbine generators began. Flygt established a sales company in Poland.

1984

Large scale reorganization of the manufacturing process began, creating independent workshops (the first one opened in 1985), each specializing in the complete manufacture of a whole product range.

1989

Flygt AB acquired MacTec Control AB, a Swedish company designing, assembling and selling computerized systems for monitoring and control of pump stations, sewage treatment plants and waterworks.

1991

The company name was changed to ITT Flygt AB. The company was one of the founders of the international Stockholm Water Prize. The product range was expanded with the addition of two series of abrasion resistant pumps and new large sewage pumps.



1992

A new generation of mixers was launched on the market. A fourth product workshop, for manufacture of mixers, was built at the Lindås plant.

Our English sales company was the first company within the ITT Flygt Group to get its quality system approved according to the ISO 9001 standard.

1994

All pumps and mixers were being CE marked according to EU's machine directives.

A joint venture company manufacturing small and medium sized sewage pumps was established in China. In 1996, this company became wholly owned by ITT Flygt.

The CP 3800 - the biggest sewage pump to date - was launched. A comprehensive environmental, safety and health program (ESH) started, based on ITT Corporation's and ITT Flygt's environmental and safety policies.

Under the name Ready, a series of small modern drainage pumps was launched.

1995

The company started its own education and training center.
The one millionth sewage pump was sold.

The Swedish sales organization, ITT Flygt Pumpar, founded a Water Supply and Sewerage System Academy.
ITT Corporation was split up into three separate exchange quoted companies: ITT Corporation, ITT Hartford and ITT Industries. The last mentioned company consisted of ITT Fluid Technology Corporation, of which Flygt is part, ITT Automotive and ITT Defense & Electronics.



1996

The company received its largest order to date, comprising 61 x CP 3800 pumps for irrigation in Turkmenistan.

1997

The Lindås plant became certified according to the environmental management system ISO 14001 and registered according to the EU directive EMAS.

1998

All ITT Flygt's units in Sweden became certified according to ISO 14001.

The two millionth pump was produced.

The introduction of the N pump with its unique self-cleaning impeller started

1999

ITT Flygt acquired the US company Water Pollution Control Corporation, the world's leading manufacturer and supplier of aerators and aeration systems for municipal and industrial wastewater treatment. The company, which ITT Flygt had been the distributor for since the beginning of the nineties, later changed its company name to Sanitaire Corporation.

Two new supply and distribution centers were inaugurated, one in Ennery, France, and one in Lindås.



2001

The company celebrates 100 years. A company museum is inaugurated in Lindås.

2002

ITT Flygt acquired the Dutch company Robot Pumps. The company manufactures and markets submersible pumps and systems for wastewater applications. They specialize in vortex-type pumps.

2003

ITT Flygt acquired the Italian pump manufacturer Uniservice Wellpoint Srl. based in Italy. The company produces a range of diesel and electric powered, vacuum primed centrifugal pumps, along with spear of well point dewatering systems for the rental and market and sale.

Agreement with Allweiler, German pump manufacturer. They will produce exclusive line of Flygt branded PC (Progressive cavity) pumps and macerators for the industrial and Municipal wastewater treatment market.

2006

ITT Flygt acquired Phelps in Florida, US.

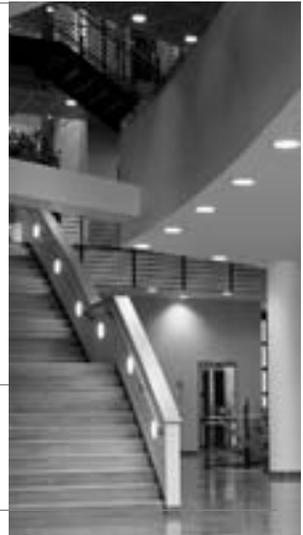
2007

ITT Flygt and ITT AWT had:

- a turnover of USD 1,66 billion
- 5800 employees, of which 3,300 were employed outside Sweden
- approx. 50 sales companies, wholly or partly owned companies around the world and was represented in 130 countries.

2008

ITT Flygt and ITT AWT (Advanced Water Treatment) merged to become ITT Water & Wastewater.





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