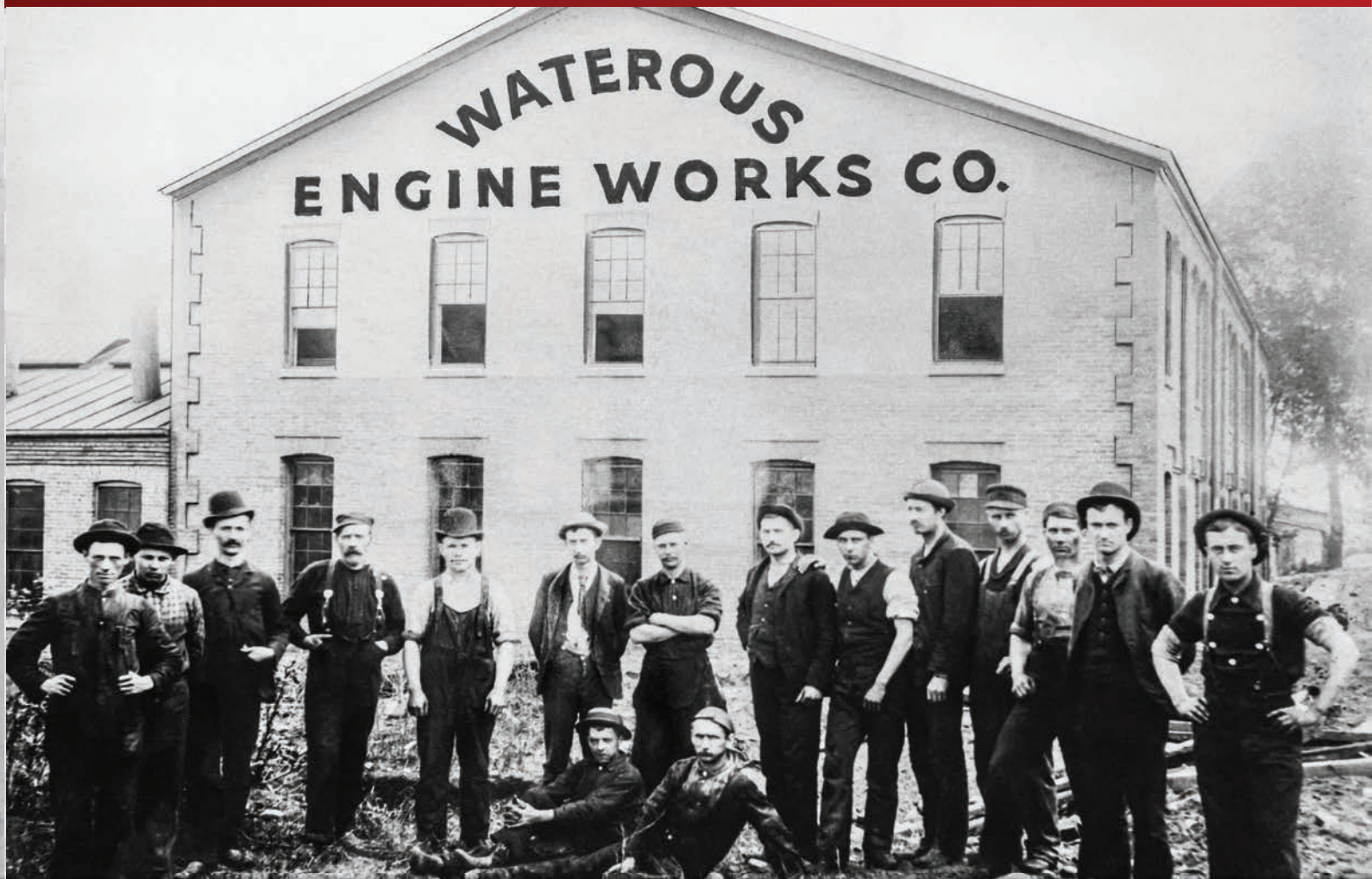


THE HISTORY OF WATEROUS COMPANY

Since 1886, Waterous has been the leader and innovator in the fire pump and waterworks industries.



125 Hardman Ave S, South St Paul, MN 55075

WATEROUS ENGINE WORKS CO.

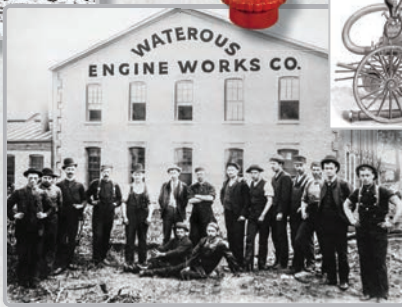


1886

Charles Horatio Waterous, President and founder of the Waterous Engine Works Company of Brantford, Ontario and Winnipeg, Manitoba, Canada, assigns his twin sons Frederic L. Waterous and Frank J. Waterous the task of moving the Winnipeg manufacturing operation to a new facility south of St. Paul, Minnesota, U.S.A. The new operation survives and flourishes to become Waterous Company.



1886 - 1922
Waterous introduces Frost-Jacket Hydrant



1886 - 1896

First Waterous factory in South St. Paul, Minnesota.



Pump testing on the Mississippi river near the factory.

1898

Waterous revolutionizes firefighting with the first gasoline-engine-driven fire pump.

1917-1977

Waterous builds a new, much larger and more modern plant at 80 East Fillmore Avenue in St. Paul along rail shipping lines. The new plant is within a block of the river and a few blocks from the popular Harriet Island Park.



1922 - 1931
W22 - Waterous introduces Non Frost-Jacket Hydrant



1929

Waterous completes and delivers its final fire truck. From that point on, the company's mission transitions to focus on fire pumps, hydrants and other firefighting equipment.



1935

Fred Waterous, the 40-year-old son of Frank Waterous, takes over day-to-day supervision of the company's operations from his 80-year-old father.



1931 - 1959

W31 - Introduces a separable bonnet and nozzle section.

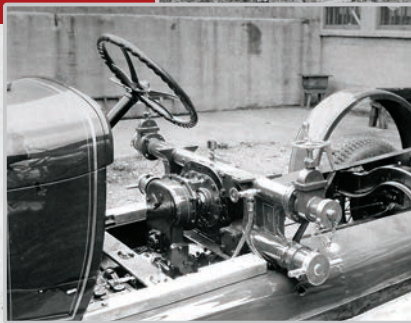


1944

Waterous was pivotal in helping the USA in the War Effort by supplying industrial bilge pumps to many NAVY ships. (Cargill tanker shown docked in St. Paul)

Waterous COMPANY

1900



1912 Waterous continues to build fire apparatus. These vehicles are delivered to Bridgeport, Connecticut in 1912 and are known as the "Pride of Bridgeport."



1906



In 1906, an internal combustion engine is used for the first time to propel a pumper. Two engines are used: one for propelling the vehicle and one for pumping. In 1907, Waterous introduces a pumper using a single combustion engine for driving and pumping.

1913
- Frederick L. Waterous dies, leaving the leadership of the company to his brother Frank J. Waterous



1953

Proud Waterous employees stand next to the largest pump ever produced by Waterous. These pumps were used as bilge pumps on freight ships.



1958 A first-generation Waterous Mobile Training Unit is used to train firefighters and mechanics across the country.



1959 - 1998

W59 - Nozzle and Bonnet were re-designed.



1965

Waterous is purchased by American Hoist and Derrick through a transfer of stock, and becomes a wholly owned subsidiary of the company. Shown here is John E. Carroll, president of American Hoist and Derrick and Fred Waterous Sr.



1955

Waterous introduces several advances including flame-plated impellers for superior wear protection. Today, Waterous is still the only fire pump manufacturer that flame-plates its impellers.



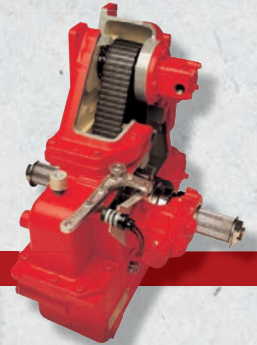
1963

Frederick S. Roesler is named President and becomes the first non-family-member to hold the title since the company was founded in 1886. Roesler succeeds Fred Waterous, who is 68 years old.

WATEROUS



Groundbreaking ceremony is held for the new Waterous plant located near the site of the original Waterous factory built in 1886.



1967

Waterous introduces the Pacer Hydrant of which improved versions of the design are still being produced today.

1968

Waterous' Floto-Pump™ portable fire pump is introduced.



1970

The Waterous board chooses Jerome Mandel to succeed the retiring Fred Roesler as President. Mandel started working for the company in 1952, and settles in for a 23-year run at the helm. His first major task is overseeing the construction of a new manufacturing facility.



1974

Construction is completed on the new Waterous office and factory. This new, one-level, 140,000-square-foot manufacturing and office facility affords Waterous to modernize its manufacturing processes.



1977

In the later 1970s, Waterous brings two additional product enhancements to market: The Silent Chain Drive Transmission, and the Ball Transfer Valve, a patented floating seal design that provides a smooth transfer to pressure or volume with either manual or electric switch activation.



1991-Present

Series 2500 Resilient Seated Gate Valves are introduced in 1991 and continue to be manufactured today in varying sizes from 2 inches through 30 inches.



1993



Donald J. Haugen, a Waterous executive and member of the company team since 1980 becomes President. Jerome Mandel retires after 23 years overseeing Waterous.

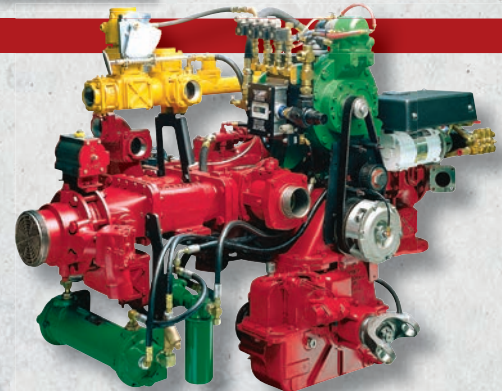
1999



Waterous joins the revolutionary "Fom Age" with its Eclipse™ Compressed Air Foam System. Water was the traditional method for extinguishing fires since the company began in 1886; however, using compress air foam can extinguish a fire four to five times faster than just water.

1997

Waterous develops a relationship with Pneumax, which aided in the creation of the Eclipse™ CAFSystem™. In 2000, Waterous purchases Pneumax and adds a full line of foam systems, compressed air foam systems and pump modules.



WATEROUS COMPANY
REGISTERED TO ISO 9001
FILE A6110

Adding to the firm's engineering expertise and accomplishment, in 1998 Waterous achieves the prestigious ISO 9001 registration.



1978

With the purchase of Traverse City Iron Works of Michigan in 1978, Waterous gains a new line of gate valves. Waterous introduces the Series 500 Resilient Seated Gate Valve in 1981.



A testament to Waterous' long-standing commitment to service and training, a Waterous Service Representative teaches a pump operation class using the Waterous Mobile Training Unit trailer. The trailer was retired in 2005, and the evolution of the mobile training units continues to modern day.

1986



Waterous Celebrates 100 Years of dependability in the industry!



1989



Waterous is purchased by American Cast Iron Pipe Company (ACIPCO) and becomes a wholly owned subsidiary of the company. In 1991, the hydrant and valve line at Waterous joins with other ACIPCO holdings in Beaumont, Texas, creating the American Flow Control division, which markets products from both facilities.



2002

Due to the influx of new products, Waterous outgrows its facility. In 2002, Waterous expands its factory, warehouse and office to accommodate the company expansion. The 210,000-square-foot factory and stunning new office is an added benefit to both employees and customers.



2007

Waterous launches the Aquis™ Foam Proportioner System, which delivers highly accurate and consistent foam-to-water mix ratios for fire departments using Class A and compressed foam.



2003

Waterous has been selling products internationally for several decades. In 2003, the introduction of the HL Series Fire Pump, specially designed for international-style fire trucks, truly makes Waterous an international company.

2006

In 2006, unveiling the Advantus® Foam Management System is nothing less than revolutionary. The foam pumping system utilizes a conductivity-based measurement apparatus to deliver a more balanced water-to-foam ratio for departments using Class A and Class B foam.

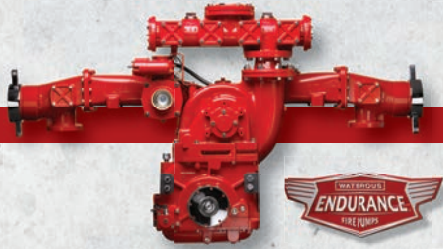
Waterous introduces its Total Integration Program. The program is a comprehensive initiative that ensures fire departments are equipped with everything they need from specification to implementation. The program guarantees the right equipment, proper installation, thorough education and lifetime support with zero exception.

WATEROUS

SINCE
1886

2008

Waterous continues to improve and redesign products to better serve the fire industry, and introduces its Endurance™ vehicle-mounted fire pumps.



Representing the next generation in single-stage pump thinking, the pumps offer unique combinations of enhanced functionality, lighter weight or more compact designs – without sacrificing reliability or ease of operation.



2009

Bill Smith, Waterous Vice President of Manufacturing succeeds Don Haugen as President. Smith was originally hired by Haugen in 1997 as Director of Manufacturing.



Waterous introduces the C20 Chain-drive transmission to replace the C10 Transmission. The C20 is thinner and weighs 30 lbs less than the C10. The change allows for clearances of the new exhaust requirements for apparatus.

2009 - Present

Pacer Classic Hydrants – Designed for communities interested in keeping a classic look, the hydrants mimic the appearance of older hydrants but provide modern components and functionality.



2011

Waterous celebrates its 125th Anniversary. Of all the corporations founded in the United States in 1886, fewer than twenty continue to exist today. Waterous is one of those twenty.



Waterous releases an international-style, compact, rear-mounted HL Series Fire Pump. The HL is able to simultaneously flow high and low pressure.

2020 *Waterous* UNIVERSITY

Jay's 6-Part Video Series



During the height of the Global Pandemic Waterous leverages a new catalog of online resources to engage the fire industry and its customers with online educational resources.

2021



Waterous celebrates 135 years!



Dan Reese hired in 2017 as Vice President of Operations becomes President of the company. Bill Smith retires after 23 total years of service to Waterous.



Waterous completes the installation of two Mazak 5-axis milling machines. Further increasing productivity and tolerances of complex components with these two sophisticated machines.



Waterous acquires 6 Modula Vertical Lift Modules (VLM's) which offer factory floor space saving, inventory accuracy and parts processing efficiency.



2013

Waterous introduces the S200 Passport international-style pump that meets EN, NFPA and CCC Standards.



2016

Waterous introduces the touch panel screen called Tellurus to enable operators to perform control and operation functions at the touch of a button.



Tellurus



Introduction of the ALPHA inlet restrained joint. Easier to install and compatible with several different pipe materials.

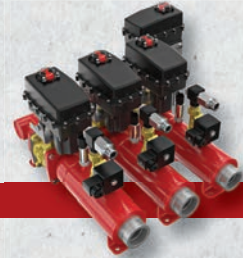
2017

To continually manufacture the highest quality products, Waterous invests millions of dollars in its machining and processes including robots.



2019

Waterous introduces an industrial foam system called ULTRAFLOW. Up to 16 discharges can be controlled by the Tellurus digital control.



2014

Waterous releases the Ultra-High Pressure CPK-5 pump that is used by the United States Air Force for ARFF applications.



2018

Waterous introduces ECLIPSE Gen 2.0 CAFSystem™ with Foamulators.

Introduction of My Waterous a portal for customers to access items related to their Waterous Products by entering a serial number. Additionally allowing them to get the exact make-up of their Waterous pump and order parts online.

THE FORCE BEHIND THE FIGHT





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