

Welcome



Leading global provider of advanced airflow solutions

ENGINEERED FOR:



Our History

Horton has a long and respected history and is a valued member of the community. Incorporated in 1902, Horton Manufacturing Company originally produced wood products, such as wagon and truck boxes. In 1914, the company patented and began manufacturing a variable-speed clutch pulley. Its efficient design became widely applied in printing presses to control, adjust and maintain desired speeds without fluctuations while providing increased production and power savings. The patented principle was later adapted to control tension on paper processing machines.

In the 1920s, when many theaters were using water from artesian wells for cooling, Horton developed a hydraulic clutch used to control air blower speed, which would regulate warm and cold air volume.

In July of 1951, the company was dissolved due to a death in management. The company was reopened in October 1951 by Hugh Schilling and three investor associates. Horton Manufacturing started with Schilling, a bookkeeper and two plant employees. From that humble beginning, the product line was improved and expanded to include a wide range of fan drives, brakes and motion control devices.

In 1964, Horton developed a fan drive for diesel engine truck applications. During the United States energy crisis in the 1970s, when concern for fuel savings and noise reduction escalated, the fan drive business saw rapid growth, and Horton opened its Britton, South Dakota, manufacturing plant. By the late 1980s, Horton's fan drives became standard equipment for major manufacturers, such as Peterbilt, Kenworth, Freightliner and International. Horton received ISO 9001 certification in 1998.

Horton celebrated its 50th anniversary in 2001 by becoming QS-9000 certified and relocating its corporate headquarters from Minneapolis to a new building in Roseville, Minnesota.

In 2002, Horton formed a joint venture with ZF Sachs AG in Schweinfurt, Germany, a manufacturer of fully-variable fan drives for the truck and automotive markets. Horton Holding, Inc. assumed full ownership of Horton Europe GmbH & Co. KG, in December of 2003.

An additional acquisition in 2004 has fostered expansion of Horton's fan product line, including metal, plastic, composite, modular and high-efficiency, hybrid-flow fans. Horton continues to provide the latest technology, the highest quality and the most reliable products available.

Research, Development and Testing

Today, Horton employs one of the industry's largest teams of engineers, designers and technicians. Product development is conducted using state-of-the-art simulation evaluation methods. The Hugh K. Schilling Technology Center in Roseville is equipped



The Original Horton Manufacturing Company Logo



Chairman & CEO Hugh Schilling in a 1966 photo



A page from a 1924 Horton brochure



Corporate Headquarters in Roseville, Minnesota



Britton, South Dakota



Schweinfurt, Germany



Carmel, Indiana

with durability test cells, environmental and vibration testing and a full chassis dynamometer. The Carmel technology center is capable of full-fan durability testing as well as system testing with a state-of-the-art cooling system simulator capable of testing fan and heat exchanger performance simultaneously. The new Horton R&D center adds additional capability for advanced technology development.

Horton maintains its leadership position in large part due to a culture dedicated to innovation. Horton is driven by a commitment to exceed the airflow management demands of reduced-emission engines today and in the future. The company holds many domestic and international patents.

Manufacturing

Horton plants offer particular expertise in material selection, precision machining, assembly and remanufacturing. They feature computerized inspection, line-sequenced production and automated test equipment. All its facilities are ISO 9001 certified. Additionally, Horton's manufacturing plants in the United States and Germany are TS 16949 certified.

Service and Distribution

Horton offers service that's second to none, with the largest customer support in the industry. Worldwide, Horton's skilled engineers, technicians, sales and service teams provide on-time delivery and the reliable industry-leading support you need to keep your fleet running smoothly. Sales and service are managed through Horton representatives and a network of knowledgeable distributors and dealers around the world.

The Environment

Horton has a deep commitment to our environment. Every year the company recycles tons of paper, cardboard, metals, electrical components and more. Horton also has a substantial remanufacturing program that keeps products and materials out of landfills. Horton refurbishes products – reusing existing components. Horton also recirculates water from its washers. Wherever possible, its manufacturing and other processes are as eco-friendly as possible. All its facilities are ISO 14001 certified.

Products, Markets and Applications

Horton manufactures and markets fan drives, fans and related components for original-equipment applications and aftermarket segments internationally for use in heavy-, medium- and light-duty trucks, buses, motor coaches, recreational vehicles (RVs), off-highway equipment, and industrial equipment.

Horton's full line of advanced, high-performance airflow management systems and suspension products, include DM

Advantage® On/Off, Two-Speed and Reman Fan Drives, VS Air-Sensing and Electronically-Controlled Fan Drives, LCV and RCV Fully-Variable Fan Drives, EC600® and EC450® Electromagnetic Fan Drives, molded, modular and metal fans, Genuine Horton Repair and Conversion Kits, roller bushing suspension products and more.



MISSION

Airflow Solutions... for an environmentally-conscious world.

VISION

A global leader in airflow solutions.

QUALITY

Continuous quality improvement to satisfy customer expectations.

ENVIRONMENT

Ensure compliance with legal and other requirements. Continually improve our processes, prevent pollution and protect our natural resources.

INNOVATION

Innovative products and services to meet the energy, efficiency and environmental requirements of our global markets and customers.

VALUES

- *Our Customers Come First*
- *Innovative Products Are Our Foundation*
- *Our People Make the Difference*
- *Quality by Everyone, Everywhere, Everyday*
- *Legal and Ethical Conduct in All We Do*
- *Get it Done*

- 1902** Original Horton Manufacturing Company, which made wagon and truck boxes, is established.
- 1920s** Horton develops a hydraulic clutch for controlling the speed of air blowers.
- 1950** Company is liquidated.
- 1951** Hugh Schilling and three investors purchase remaining assets and rename the company Horton Manufacturing Co., Inc.
- 1960** Air Champ® industrial clutches and brakes developed.
- 1963** Horton begins development of the fan clutch line for diesel engine applications.
- 1963** Signed license and distributor agreements with Norman G. Clark Pty/Asia, Melbourne, Australia.
- 1964** First prototype Horton fan clutch installed.
- 1965** Horton fan clutches are installed on Horton test trucks for operating checks on fan run time, temperature control and fuel savings.
- 1968** Fan clutch line expanded to include off-road applications.
- 1971** Horton Industries, Inc. is formed as a subsidiary of Horton Manufacturing Co., Inc.
- 1974** Horton opens manufacturing facility in Britton, South Dakota. Its purpose: to make the best heavy-duty fan clutch that can be built.
- 1977** Horton opens a research and development center at the Britton location for design and testing of fan clutches.
- 1978** Wind tunnel testing facilities added at Britton to simulate over-the-road driving conditions.
- 1987** Distribution starts in Europe.
- 1988** Horton International formed in Brussels as a sales office.
- 1992** Horton acquires the rights to manufacture and sell Roller Bushings, a steering axle suspension system.
- 1993** Britton, South Dakota, remanufacturing facility is built.
- 1994** Horton enters into marketing agreement with ECS Fans (Carmel, Indiana) to expand cooling fans.
- 1999** Horton opens sales office in Mexico City.
- 1999** Horton industrial product line and Horton vehicle components line split into two separate companies allowing each company to focus on their core strengths: Horton, Inc. and Nexen Group, Inc.
- 2001** Moved into newly built corporate headquarters in Roseville, Minnesota, that includes state-of-the-art technical center for testing products and vehicle applications.
- 2002** Joint venture signed with ZF Sachs for fully-variable fan drive business in Europe. Company named Horton Sachs GmbH Co. KG.
- 2003** Horton purchases ZF Sachs' portion of Horton Sachs. Company renamed Horton Europe GmbH & Co. KG.
- 2004** Horton purchases ECS Systems, Inc. in Carmel, Indiana. ECS manufactures fans.
- 2005** Fully-variable fan drive test cells added to Roseville technical center.
- 2009** Carmel test facility wind tunnel upgrade includes cooling systems simulator.
- 2010** Distributor/license agreement signed in China.
- 2011** QuickShip™ warehouses opened across the U.S. and Canada allowing Horton customers to receive most parts via ground shipment the very next day. Expansion of the Britton facility.
- 2013** Additional expansion of the remanufacturing section of the Britton plant. License agreement with R&S Promotion Co., Ltd. in China to manufacture Horton fans. Recognition of 50-year partnership with manufacturing licensee NG Clark Pty/Asia of Australia.
- 2014** Roseville headquarters and tech center expanded by 50 percent. Launch of RCV250, the first bracket-mounted, rigid center, direct sensing fan drive. Launch of LCV40, the first live-center variable fan drive.
- 2015** Launch of LCV80, a direct-sensing fan drive for use in medium-duty trucks, ag tractors and power generators. Launch of RCV2000 fan drive and HTEC fan for off-highway heavy-duty applications. Addition of state-of-the-art research and development facility adjacent to Roseville headquarters

Committed to Your Ideal Airflow Solution

Horton® is the premium provider of engine cooling solutions worldwide. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments. Trust Horton to help your products last longer, run quieter and consume less fuel.

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