SPX

TRANSFORMER SOLUTIONS

EXPERIENCE THE POWER OF EXCELLENCE℠

WAUKESHA®

TRANSFORMERS | SERVICE | TRAINING | COMPONENTS

THE WAUKESHA EXPERIENCE®

SPX Transformer Solutions is an industry-leading manufacturer of a high quality, comprehensive line of power transformer products and services marketed under the Waukesha® brand.

Striving to provide the industry's best customer experience is at the center of everything we do. Grounded in customer collaboration, our cross-functional team-based approach combined with our technical expertise throughout the business produces engineered-to-order solutions that deliver consistent, highly reliable field performance. Our competitive total cost of ownership pricing model, including the extensive, dedicated service and support in design, order placement, manufacturing, logistics, field installation and strategic maintenance planning, delivers exceptional value from pre-order through the life of the transformer.

We pledge our commitment to provide the highest quality products, services and support that meet or exceed our customers' expectations — every day, every order, every unit. That is *The Waukesha Experience®*!

OUR FOCUS

Industry leading
CUSTOMER EXPERIENCE

Trusted **TECHNICAL EXPERTISE**

Comprehensive line of
POWER TRANSFORMER PRODUCTS and **SERVICES**

Highest level of
QUALITY and **RELIABILITY**

OUR PROMISE

At SPX Transformer solutions, we are committed to partnering with our customers to provide a comprehensive line of Waukesha® power transformer products and services that exceed expectations by delivering:

- Industry-leading customer experience spanning the entire buyer's journey
- Trusted technical expertise from across the business that produces exceptional engineered-to-order solutions through customer collaboration
- Optimal value through our team-based approach to product development and customer support, from pre-order through the life of the transformer
- Highest quality power transformers, service, training and components
- Consistent, reliable product performance and field support

Comprehensive line of PRODUCTS & SERVICES

POWER TRANSFORMERS UP TO 1200 MVA, 345kV

- Auto Transformers
  - Single Phase: Up to 1000 MVA
  - Three Phase: Up to 1200 MVA
- Non-Auto and Generator Step-Up Transformers
  - Single Phase: Up to 600 MVA
  - Three Phase: Up to 900 MVA

POWER TRANSFORMER SERVICE SOLUTIONS UP TO 765kV

- Relocations and Installations
- Testing
- Maintenance and Retrofits
- Oil Processing
- Dryouts
- Retrofills
- Spare Transformer Fleet Management
- Condition Assessments

POWER TRANSFORMER COMPONENTS & TRAINING

- Spare Parts
- LTC Maintenance, Upgrades and Overhauls
- LTC DGA Fleet Assessments
- Reverse Engineering
- LTC Training

PROUDLY SERVING THESE INDUSTRIES (AND MORE!)

- Power transmission and distribution
- Power generation
- Industrial
- Renewable energy
- Data centers

Providing optimal value through QUALITY, SERVICEABILITY and PROVEN FIELD PERFORMANCE

Throughout the business, we recognize that Total Ownership Cost is more than the initial transformer price and evaluated losses. That is why we aim to provide a competitive total ownership cost that includes every stage of the transformer life cycle. From design to manufacture through shipping, rigging, field installation and, finally, service and support, SPX Transformer Solutions provides a competitive total ownership cost, backed by valued services and support.

SERVICE & SUPPORT

- Dedicated customer support from order placement through the life of the asset
- Expert service teams to support ongoing maintenance and testing
- Factory training and seminars by industry experts
- Components and engineering services to extend the life of the transformer

DESIGN

- Optimized use of materials for competitive price and loss evaluation
- Designed for ease of assembly and safety
- Focused on reliability and long asset life

MANUFACTURE

- Precision manufacturing processes and quality materials
- State-of-the-art equipment and experienced workforce
- U.S.-based for convenience and cost efficiency
- Tested to the highest industry standards for reliable performance

FIELD INSTALLATION

- Fully equipped field installation teams to dress, oil fill and test
- Field technicians with 15+ years average experience
- Strict adherence to all customer, OSHA and SPX Transformer Solutions on-site safety requirements
- Proven record of meeting project schedules and critical customer dates

LOGISTICS SERVICES

- Full service “in house” logistics management team
- Partnerships with rail, trucking and rigging providers
- Pre-planning to reduce cost and mitigate risk of delays

U.S. in ownership, production and service support!

Providing IN-HOUSE EXPERTISE from pre-order inquiries to installation and field support

At SPX Transformer Solutions, we offer a full range of services to support our customers' needs before and after an order:

FINDING THE RIGHT DESIGN

- Specification guidance, review and development
- On-site assessments of existing structures and footprints

MANUFACTURING ASSURANCES

- Dedicated project managers, acting as liaisons on behalf of the customer, from order placement throughout field installation
- Rigorous schedule management and customer communication

LOGISTICS SUPPORT

- Professional team to customize logistics plans for each customer project
- Complete logistics services, including shipping and rigging, for safe and efficient transport of transformer to pad and parts to destination

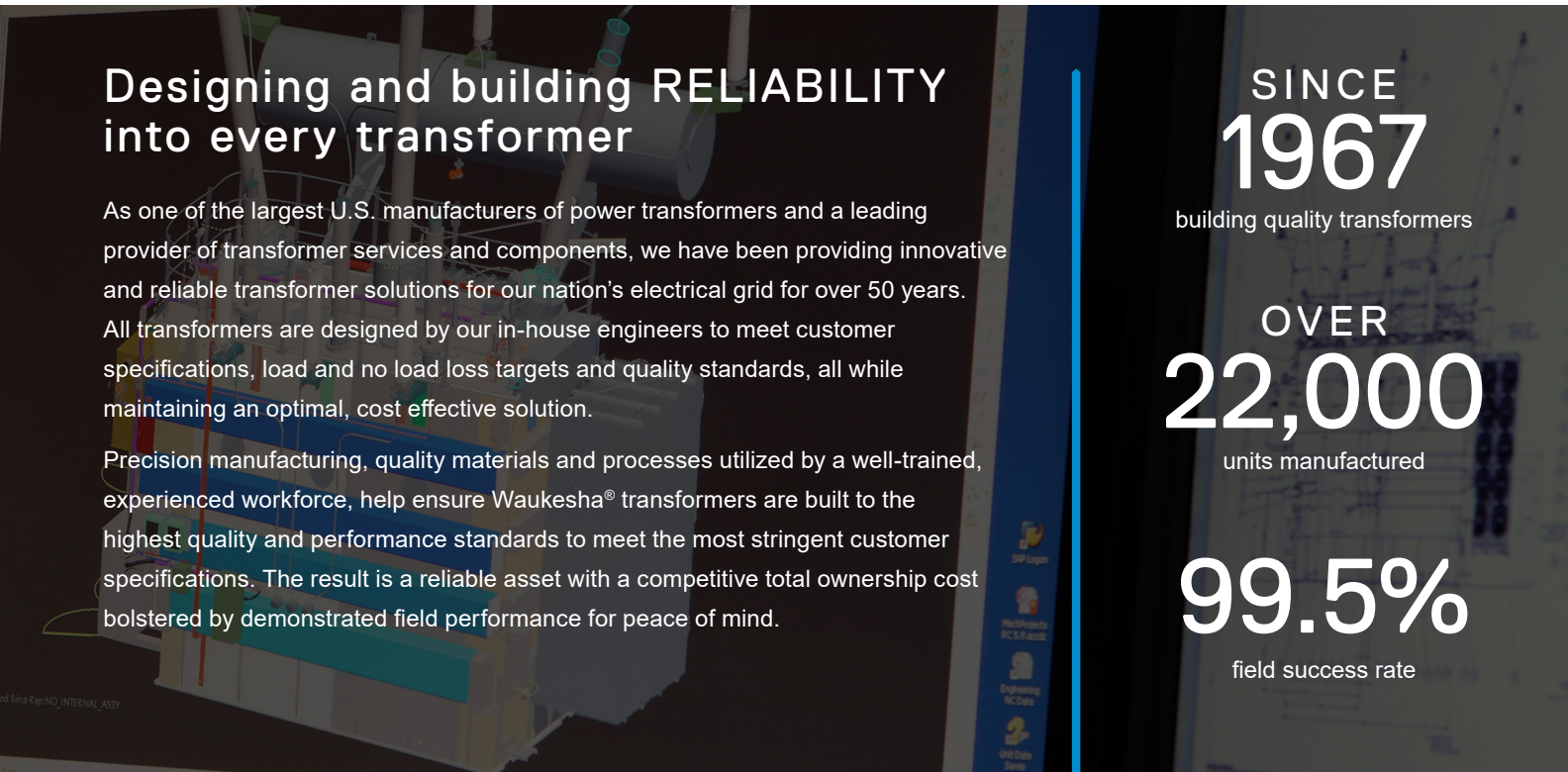
EXPERT FIELD INSTALLATION

- Field installation by a fully equipped, experienced team – from assembly to vacuum filling and testing – to ready transformers for energization
- Support with disassembly and removal of existing transformer as well as coordinated disposal

ONGOING CUSTOMER SUPPORT AND SERVICE

- Experienced, U.S.-based customer support for field service, component replacement, life extension solutions and engineering services
- Maintenance and troubleshooting support during the life of the transformer

Each employee aims to provide an industry-leading customer experience to ensure all requirements and expectations are met. With our ability to design, manufacture and test transformers; manage logistics services; offer complete field assembly, commissioning and maintenance programs, components and training, we are well positioned to provide a comprehensive power transformer package that helps customers meet their objectives.



Designing and building RELIABILITY into every transformer

As one of the largest U.S. manufacturers of power transformers and a leading provider of transformer services and components, we have been providing innovative and reliable transformer solutions for our nation's electrical grid for over 50 years. All transformers are designed by our in-house engineers to meet customer specifications, load and no load loss targets and quality standards, all while maintaining an optimal, cost effective solution.

Precision manufacturing, quality materials and processes utilized by a well-trained, experienced workforce, help ensure Waukesha® transformers are built to the highest quality and performance standards to meet the most stringent customer specifications. The result is a reliable asset with a competitive total ownership cost bolstered by demonstrated field performance for peace of mind.

SINCE
1967
building quality transformers

OVER
22,000
units manufactured

99.5%
field success rate

Do you need support?

- Need help developing a transformer specification?
- Trying to solve for a new low sound design?
- Have a major replacement project coming up?
- Have a logistics question for a transformer relocation?
- Have a new engineer to train?
- Need help with a component replacement?

Whatever your transformer need, we are here to help.

GIVE US A CALL.

WAUKESHA®

www.spxtransformersolutions.com

United States locations

WAUKESHA PLANT
400 South Prairie Avenue
Waukesha, WI 53186
800 835 2732

GOLDSBORO PLANT
2701 US HWY 117 South
Goldsboro, NC 27530
800 758 4384

COMPONENTS
9011 Governors Row
Dallas, TX 75247
800 338 5526

SERVICE
2701 US HWY 117 South
Goldsboro, NC 27530
800 758 4384

Waukesha® transformers, service, components and training are synonymous with quality and reliability. For over 50 years, the company has invested in research, technology, new product design, engineering expertise, plant and field service equipment, while remaining focused on improving industry standards and leading innovations to meet the evolving needs of its customers.

WAUKESHA® TRANSFORMERS

Recognized as one of the largest U.S. manufacturers of power transformers from 5 to 1200 MVA, up to 345kV, SPX Transformer Solutions designs, builds and tests all Waukesha® transformers at the company's modern manufacturing facilities in Waukesha, Wisconsin, and Goldsboro, North Carolina, according to the latest IEEE, ANSI, NEMA and ISO 9001:2015 technical and quality standards. Both transformer manufacturing plants utilize sophisticated, computer-controlled equipment and test systems complemented by a well-trained, experienced work force to produce high quality power transformers that meet even the most stringent customer specifications. The quality and reliability built into every unit we manufacture is the result of a combined 100 years of experience in the design and production of liquid-filled power transformers for utility and industrial applications.

WAUKESHA® SERVICE

Our Service Group provides complete transformer service solutions for ANY MANUFACTURER'S UNITS, including installation, maintenance, relocation, testing and technical assessments; oil processing, dryouts and retrofills; corrective and preventative maintenance; load tap changer field retrofits and repairs. Along with a vast number of skilled personnel located strategically across the country, we manage one of the largest fleets of specialized transformer service equipment in the United States. This allows us flexibility, optimized installation hours and costs while helping us provide efficient, safe and high quality service to our customers, including 24/7/365 guaranteed emergency response through a dedicated call center line: 888-365-24x7.

WAUKESHA® COMPONENTS AND TRAINING

The Components team operates a manufacturing, testing and training facility in Dallas, Texas, as a leading supplier of parts for most major current and obsolete load tap changer (LTC) and oil circuit breaker brands as well as being the original manufacturer of a line of Transformer Health Products®. Additionally, we offer a variety of LTC services, including maintenance training, failure analysis reporting and complete overhauls at this location while also continuing to build our reputation as an industry leader in reverse-engineering and design enhancement.

SPX®

SPX CORPORATION

SPX Corporation is a supplier of highly engineered products and technologies, holding leadership positions in the HVAC, detection and measurement, and engineered solutions markets. Based in Charlotte, North Carolina, SPX Corporation had approximately $1.6 billion in annual revenue in 2020 and over 4,500 employees in 17 countries. SPX Corporation is listed on the New York Stock Exchange under the ticker symbol "SPXC." For more information, visit www.spx.com.

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