sEM TRANSFORMATÖR

Your reliable
business partner

POWERING
WHAT'S NEXT



TRANSFORMER SOLUTIONS
FOR A STRONG TOMORROW.

AI MODIFIED

OUR MANAGEMENT TEAM

Experienced leadership driving SEM's growth, innovation and international development.



Aras Alkış
PhD-Board Member



Hacı Çelik
Deputy General Manager



Ebru Deniz Urvay
Sales Vice President



Peter Tichy
Senior Consultant



Güzide Aydugan
Technical Vice President



Taner Sarul
Senior Consultant

SEM AT A GLANCE

37 Years in Design and Manufacturing (Since 1989).



1989
Established

36,000 m² / 387,500 ft²
Total Facility Area

25,000 m² / 269,100 ft²
Enclosed Area

Up to 72.5 kV
Voltage Level

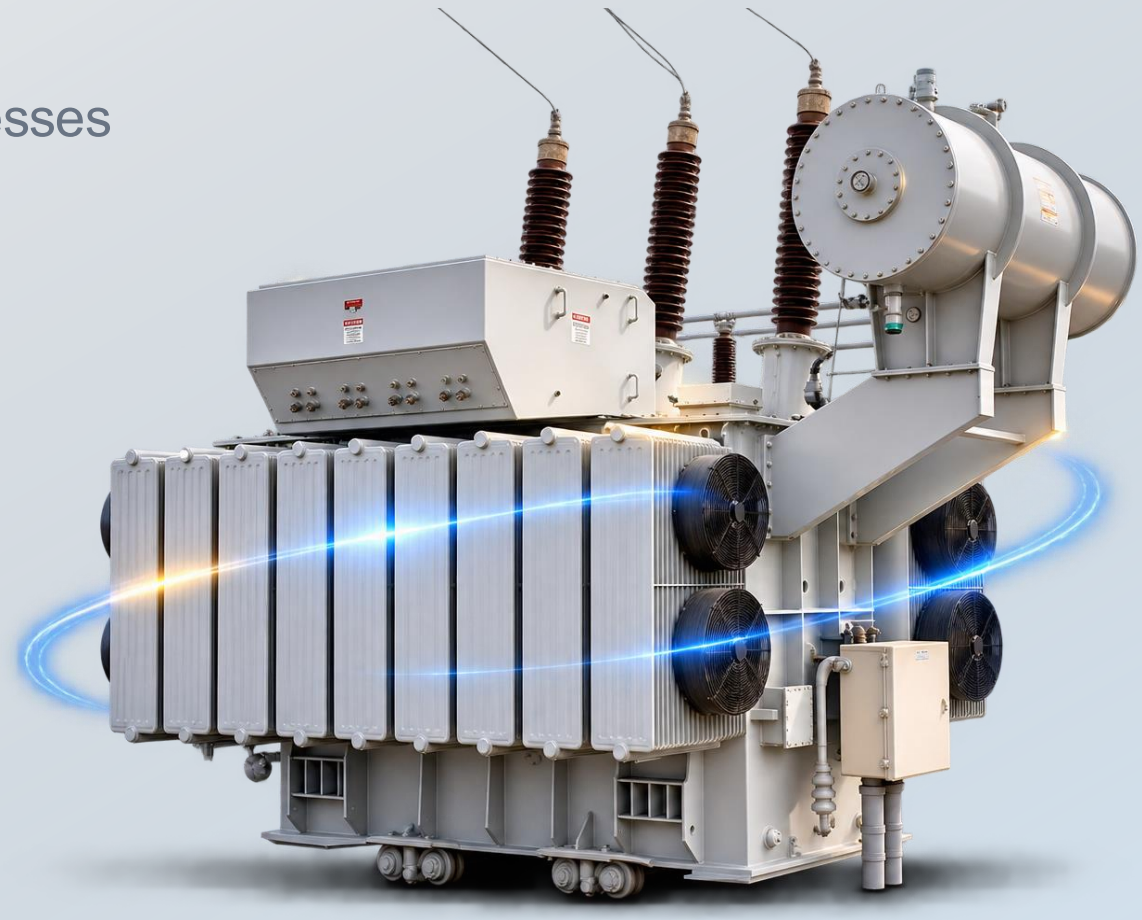
Up to 50 MVA
Production Range

300+
Employees

55+
Export Markets

DESIGN & PRODUCTION

Integrated engineering and manufacturing processes supporting tailored transformer solutions.



DESIGN

Transformer designs tailored to application needs.

PRODUCTION

Manufacturing processes supported by quality control.

OPERATIONAL EXPERTISE

Developing operational expertise through job rotation, knowledge sharing and continuous learning for stronger team integration.

ENGINEERING
BEYOND STANDARD SOLUTIONS

From customer requirements to application-specific transformer solutions.

01 CUSTOMIZED DESIGN

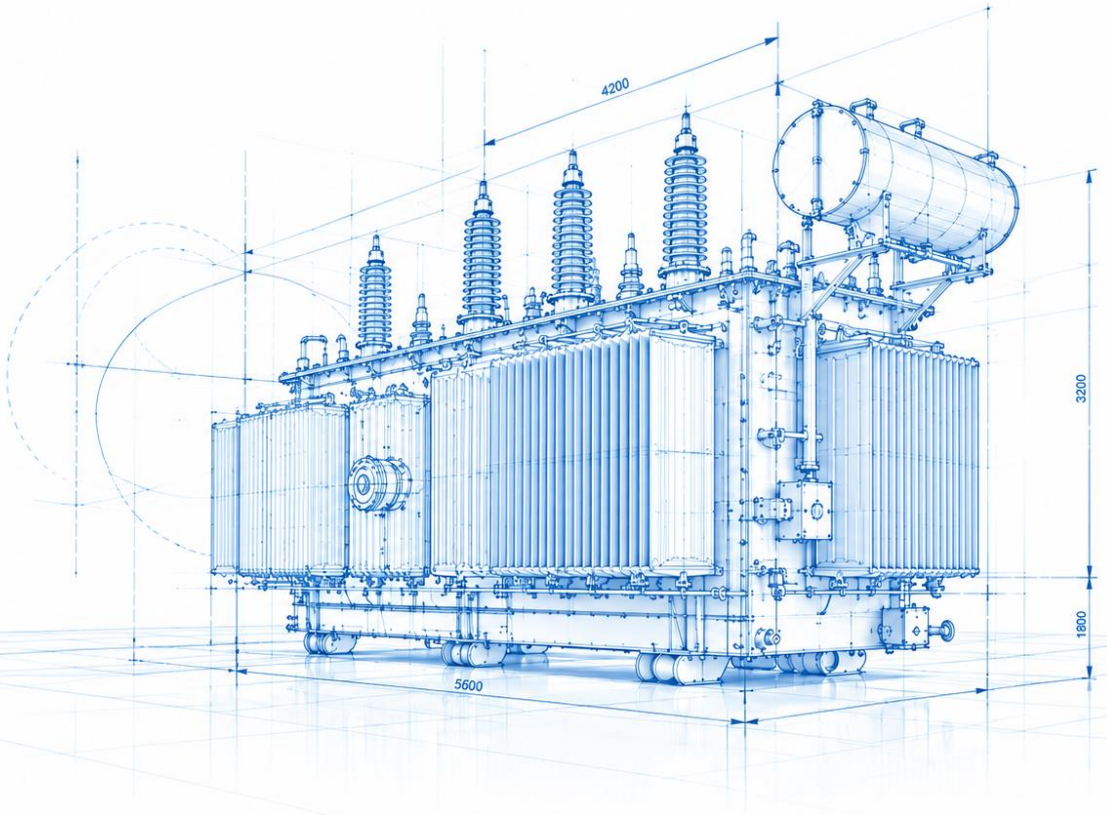
Design configurations developed to meet specific project requirements.

02 IN-HOUSE ENGINEERING

Engineering expertise supporting the development of tailored transformer designs.

03 APPLICATION-SPECIFIC SOLUTIONS

Transformer solutions adapted to different applications and operating conditions.



WHY SEM?
OUR COMPETITIVE ADVANTAGE

A flexible, experienced engineering and manufacturing partner for your transformer projects.

ENGINEERING FLEXIBILITY

Customized transformer solutions developed around specific customer and project requirements.

STRONG ENGINEERING & MANUFACTURING

Integrated design, engineering, production, quality control, and testing capabilities.

COMMERCIAL RESPONSIVENESS

Direct communication, flexible production planning and project-specific lead times aligned with customer requirements and manufacturing capacity.

LONG-TERM PARTNERSHIPS

Established customer relationships, repeat business, and extensive international references.

≈ 400
New Transformer Designs per Year

≈ 7,000
Annual Production Capacity (Units)

≈ 95%
On-Time Delivery Performance

2
Business Day Target Response Time

25+
Years of Industry Experience Among Our Professionals

55+
Export Markets

ENGINEERED FOR YOUR SUCCESS.
STRONG IN ENGINEERING & MANUFACTURING.

OUR **PORTFOLIO**

A versatile portfolio designed to meet diverse industry needs and project requirements.

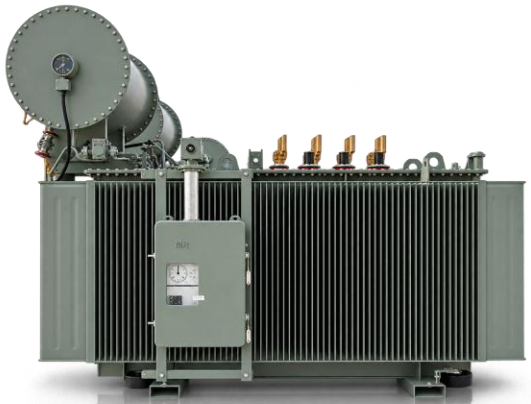
01



DISTRIBUTION TRANSFORMERS

Reliable and efficient power distribution.

02



POWER TRANSFORMERS

Robust performance for industrial and energy applications.

03



PAD-MOUNTED & POLE-MOUNTED TRANSFORMERS

Versatile solutions for overhead and underground distribution.

04



SPECIAL-PURPOSE TRANSFORMERS

Custom-designed for unique project requirements.

SOLUTIONS
FOR CRITICAL APPLICATIONS

Engineered to support the systems that power industries and communities.



RENEWABLE ENERGY

Powering clean energy projects.



BATTERY ENERGY STORAGE (BESS)

Supporting energy storage systems.



INDUSTRIAL APPLICATIONS

Engineered for industrial demands.



CRITICAL INFRASTRUCTURE

Supporting essential infrastructure.



DATA CENTRES

Supporting reliable data centre power.

PROVEN INTERNATIONAL EXPERIENCE

Supporting global markets through proven project and delivery experience.

DELIVERY EXPERIENCE

Proven delivery across more than 55 international markets.

INTERNATIONAL LOGISTICS

Coordinating international shipments to support global project needs.

PROJECT EXPERIENCE

Embracing diverse project requirements through engineering capabilities.

TRANSFORMERS DELIVERED

Transformer solutions supplied for a wide range of applications across international markets.



TOP QUALITY
IN EVERY TRANSFORMER

Consistent quality control and routine testing, followed by final verification before delivery.



PROCESS CONTROL

Integrated quality control and traceability throughout production.

ROUTINE TESTS

Routine testing to verify product performance.

FINAL VERIFICATION

Final quality verification before delivery.

TESTING & ACCREDITED LABORATORY

Testing capabilities supporting product quality and technical reliability.



TÜRKAK

TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Testing Laboratory

SEM TRANSFORMATÖR ANONİM ŞİRKETİ

Central Address: MALIKÖY BAŞKENT OSB MAH. İSMET İNÖNÜ BLV. SEM TRANSFORMATÖR NO:8 SİNCAN Ankara / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0872-T

Accreditation Date : 10.06.2015

Revision Date / Number : 09.01.2024 / 06

This certificate shall remain in force until **07.09.2027,** subject to continuing compliance with the standard TS EN ISO/IEC 17025:2017, related regulations and requirements.

ISO/IEC 17025

TÜRKAK-accredited laboratory within its defined testing scope.

TESTING CAPABILITIES

Technical testing and performance verification.

QUALITY ASSURANCE

Test results supporting product reliability.

CERTIFICATIONS & **ACCREDITATION**

International standards supporting quality, responsibility and operational excellence.

MANAGEMENT SYSTEM CERTIFICATIONS

Certified management systems supporting continuous improvement in quality, environmental management and workplace safety.

ISO 9001

QUALITY MANAGEMENT

Consistent processes and continuous improvement.

ISO 14001

ENVIRONMENTAL MANAGEMENT

Responsible environmental practices.

ISO 45001

OCCUPATIONAL HEALTH & SAFETY

A safer and healthier working environment.

LABORATORY ACCREDITATION

Accredited testing within the defined scope.

ISO/IEC 17025

TÜRKAK accreditation within the defined testing scope.

PRODUCT CONFORMITY & REGISTRATION

Certifications, registrations and ongoing compliance initiatives.

TSE

INDUSTRIAL REGISTRATION

Certification in Progress

RESPONSIBLE PRODUCTION & SUSTAINABILITY

Integrating environmental responsibility, sustainable practices and employee development across our operations.



INVESTMENT IN RENEWABLE ENERGY

Supporting more sustainable operations through investments in renewable energy.

RESPONSIBLE PRODUCTION

Focusing on efficient resource use, waste reduction and responsible manufacturing practices.

CARBON FOOTPRINT

GHG and product carbon footprint assessments aligned with ISO 14064-1 and ISO 14067.

CONTINUOUS IMPROVEMENT

Promoting resource efficiency, material reuse and continuous improvement.

HEALTH & SAFETY TRAINING

Supporting a safer workplace through ongoing employee training and awareness.

EMPLOYEE COMMITMENT

Encouraging employee engagement, continuous development and professional growth.

AI MODIFIED

SERVICES & LIFECYCLE SUPPORT

Technical expertise supporting transformers throughout their lifecycle.



TECHNICAL SERVICE

Technical support and maintenance throughout the transformer's service life.

DIAGNOSTICS

Technical assessments and diagnostics to ensure reliable transformer operation.

TESTING & TECHNICAL SUPPORT

Testing expertise and technical guidance to support transformer performance and reliability.

AI MODIFIED

SEM GROWTH VISION 2030

Strategic investments and planned developments supporting SEM's long-term growth and manufacturing capabilities.

01

SEM USA
ESTABLISHMENT

Planned establishment of SEM USA to strengthen our presence in the North American market.

02

LABORATORY
TARGET

Target testing capabilities of up to 100 MVA and 154 kV.

03

NEW MANUFACTURING
FACILITY

Planned development of a new manufacturing facility targeting an area of 60,000 m² (approximately 645,835 ft²).

04

PRODUCTION CAPACITY
TARGET (2035)

Targeting power transformer manufacturing capabilities in the 100–360 MVA range as part of SEM's long-term growth strategy.



YOUR RELIABLE
BUSINESS PARTNER

TRANSFORMER SOLUTIONS FOR ENERGY EFFICIENCY.

HEAD OFFICE

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06909 - ANKARA TÜRKİYE

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