STP GLOBAL CABLE

STP GROUP OF COMPANIES

STP Global Cable

Electrical Equipment
Manufacturing

www.stp.az

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STP GLOBAL CABLE

GENERAL INFORMATION

STP Global Cable is one of the largest and most technologically advanced manufacturers of cable products and electrical equipment in the region.

Electrical Equipment Manufacturing

The Electrical Equipment Plant, operating since 2010, produces high-quality products using modern technologies. Since 2011, the plant has been manufacturing MVC modular switchgear units, LVDC (low-voltage distribution cabinets), terminals, and cable trays. All products undergo testing on U.S.-manufactured equipment.

Cable Manufacturing

The Cable Plant, in operation since 2009, carries out production based exclusively on European technologies. Raw materials supplied by leading European companies are tested in a modern laboratory. STP is the only company in the country manufacturing fiber-optic cables. The plant produces telephone cables (10-600 pairs), fiber-optic, LAN, and coaxial cables.

PRODUCTION CAPACITY

ELECTRICAL EQUIPMENT PRODUCTION CAPACITY:

2 000 tons annually

CABLE PRODUCTION CAPACITY:

120 000 tons annually

AREAS OF ACTIVITY:

ELECTRICAL EQUIPMENT PRODUCTION

CABLE PRODUCTION

ELECTROTECHNICAL ROD PRODUCTION

SECTORS:

OIL AND GAS

CONSTRUCTION

AGRICULTURE

ENERGY

EXPORT

- UKRAINE
- TURKMENISTAN
- RUSSIA
- UZBEKISTAN
- KYRGYZSTAN
- TAJIKISTAN
- KAZAKHSTAN
- GEORGIA

EQUIPMENTS

TROESTER – GERMANY

MAILLEFER – FINLAND

NIEHOFF – GERMANY

ROSENDAHL – AUSTRIA

POURTUER – FRANCE

CABALLE – SPAIN

CORTINOVIS – ITALY

OUR STRENGTHS AND ADVANTAGES

Electrical Equipment Manufacturing

The manufacturing process is organized at a high level and complies with the requirements of international standards. Production is carried out using machinery and equipment controlled by computerized systems supplied by companies from Germany, Finland, and Turkiye.

The Electrical Equipment Plant manufactures modular switchgear units of the NEX 17.5, SM6-24, and SM6-36 series under license from Schneider Electric. These licensed products have no equivalents in Azerbaijan or the CIS countries.

All products manufactured by the Electrical Equipment Plant fully comply with international standards. The plant is certified in accordance with **ISO 9001:2008** and **OHSAS 18001:2007**, holds a Schneider Electric certificate, and also complies with **GOST** standards applicable in Russia and CIS countries.

PRODUCTS

MVC modular switchgear units

MVC IC 12 / MVC OC 12 / MVC CC 12 / MVC FC 12 / MVC MC 12 / MVC IC 36 / MVC OC 36 / MVC CC 36 / MVC FC 12 / MVC MC 36

MVC distribution switchgear units

Multi-purpose cabinets and boxes

LVDC (low-voltage distribution cabinets)

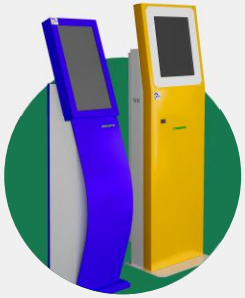
AGED 1 / AGED 2 / AGED 3 / AGED 4 / AGED 5 / AGED 6

Single- and multi-meter cabinets

Production of meter cabinets
(for 1, 2, 6, 8, 10, 12, 16 sections)

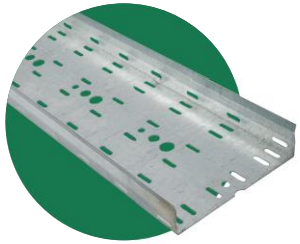
Payment terminals

Information terminals



Electronic queue management terminals

Generators



Cable trays

INDUSTRIAL

GENERATORS

Industrial generators are designed for continuous **24-hour** operation. They ensure smooth and reliable performance over many years. Industrial generators consist of two main components: the engine and the alternator. Generator manufacturers work with various brands of engines and alternators according to their preferences.

These generators typically produce high noise levels; therefore, they are used in conjunction with soundproof cabinets. Industrial generators are manufactured as low-voltage generators **(400 V)**. Generators intended for residential and office use also operate at low voltage.

This type of generator is manufactured in the power range of **15 kVA to 400 kVA**. Control panels and distribution boards are essential components of generator systems. Control panels enable automatic or manual operation of the generator, monitoring of electrical parameters, and fault detection.

Upon request, the following equipment may be integrated into the generators:

Synchronization panel / Additional fuel tank / Heater / Muffler / Soundproof enclosure

They are available in capacities from **15 kVA to 400 kVA.**

payment

TERMINAL

These terminals are designed to accept both cash and cashless payments. They are manufactured using standard or galvanized steel sheets. The sheets are supplied in pre-galvanized form and, depending on the order requirements, may also be galvanized in-house.

Operating conditions: ***+5°C to +55°C****. Relative humidity:* ***up to 70%.***

Standard configuration:

- Control computer
- 17" / 19" LCD display
- Anti-vandal touchscreen
- Banknote acceptor with cassette
- Thermal receipt printer
- Wireless modem
- Watchdog timer
- Uninterruptible power supply
- License for MS Windows Embedded / POSReady

Optional configuration:

- Second LCD display
- Fiscal register
- Bulk banknote acceptor
- Thermal ticket printer
- Dot-matrix printer
- Barcode scanner
- Magnetic stripe and smart card reader

electronic queue
management

TERMINAL

With the aim of supporting local manufacturing and reducing the outflow of investment abroad, STP is also engaged in the production of queue management kiosks. High-quality products that meet international standards fully satisfy the needs of the local market.

STP queue management kiosks help accelerate customer service processes. The use of such systems significantly increases customer satisfaction levels. In addition, these kiosks are cost-effective in terms of operational cost optimization.

STP manufactures queue management kiosks with any specifications in accordance with customer requirements.

Standard configuration:

- Windows or Linux operating system
- Customized design and color selection
- Touchscreen display

information

TERMINAL

This model has been manufactured by the company for over 10 years.

It is recognized as a reliable and cost-effective solution for meeting business requirements during project implementation.

The InfoKiosk software enables the organization of the following functions:

- Public reception and information areas
- Product catalog
- Virtual exhibition
- Information and reference system
- And many other solutions

Areas of application:

- Banks
- Government institutions
- Museums
- Libraries

automatic

DEPOSİT TERMINAL

Acceptance speed:
1 banknote per 2 seconds

Input method:
Single banknote insertion

Cassette type and capacity:
with aligner, 1,500 banknotes

Features:
Under-counter installation

Safe:
Burglary resistance class 1

ticketing

TERMINAL

The product range includes versions designed for both indoor and outdoor installation.

Features

- Bank card transactions
- Banknote acceptance
- Coin acceptance
- Change return in banknotes
- Change return in coins
- Ticket printing
- Receipt printing
- Installation adapted to climatic conditions, including outdoor configuration

Payment for various services:

- Car parking
- Car wash services
- Warehouse complex services
- Many other services

Applications:

- Ticket sales with bank card payment;
- Ticket sales with cash payment and change return;
- Printing of tickets purchased online

KARGOMAT SELF-SERVICE

postal terminal

A Kargomat is an intelligent terminal system designed for the automated drop-off and collection of cargo and postal shipments. STP-manufactured Kargomats operate **24/7** and are equipped with electronic locks, a touchscreen, a control panel, and other functional modules. Thanks to their modular design, Kargomats can be manufactured in the size, color, and technical configuration specified by the customer. Kargomats provide an optimal technological solution for expanding delivery networks and optimizing the handover process.

Kargomats are manufactured in any design and color according to customer requirements. They can be produced from metal sheets with thicknesses of 1 mm, 1.5 mm, 2 mm, or 3 mm. The units are coated with antistatic powder paint and are available in **any RAL color**. The degree of protection **(IP rating)** is specified according to customer requirements. In addition, optional components can be installed upon request.

The Kargomat is equipped with:

- Outdoor multi-touch screen **(10" / 17")**
- **Mini PC** for system control
- Electronic **locks**
- Electronic **lock control** board

high-voltage

SWITCHGEAR UNITS

Since 2010, the Electrical Equipment Plant has been manufacturing **YGEY-2010** type distribution switchgear units. These units are manufactured in accordance with the technical specifications approved by the State Committee on Standardization, Metrology and Patents of the Republic of Azerbaijan.

The enclosure of the **YGEY-2010** distribution switchgear units is made of galvanized metal and is equipped with vacuum and SF_6 (gas-insulated) circuit breakers.

Overall dimensions of YGEY-2010 distribution switchgear units:
Width – 750 mm
Height – 2,250 mm
Depth – 1,630 mm

MODULAR SWITCHGEAR UNITS

SM6-24 Series, 10 (6) kV

Since 2011, the Electrical Equipment Plant has been manufacturing **SM6-24 type** distribution switchgear units under license from **Schneider Electric**.

SM6-24 switchgear units are installed in **10 (6) kV** distribution networks (DN) and distribution transformer substations (DTS) and are used for power supply to industrial enterprises, private companies, and end users.

In addition to their technical performance, these switchgear units fully comply with all safety requirements for both personnel and equipment. They are easy to install and operate.

SM6-24 switchgear units are manufactured from galvanized metal and are equipped with:

- Load break switch
- Vacuum and SF_6 circuit breakers
- Contactor
- Disconnector

ГОСТ
МЭК (IEC)
UTE NFC
standartı

MODULAR SWITCHGEAR UNITS

SM6-36 series

Since 2013, the Electrical Equipment Plant has been manufacturing SM6-36 type distribution switchgear units under license from Schneider Electric.

The SM6-36 series consists of modular switchgear units housed in a metal enclosure filled with SF_6 gas.
SM6-36 switchgear units are installed in medium-voltage distribution networks (DN) and distribution transformer substations (DTS) and play an important role in the distribution of electrical energy.

In addition to high technical performance, SM6-36 switchgear unit fully complies with all safety requirements for personnel and equipment. Installation and operation are simple and convenient.

SM6-36 switchgear units are manufactured in the following configurations:

- **IM, IMC** — load break switch unit
- **QM** — load break switch unit combined with fuse
- **DM1-A, DM1-D** — circuit breaker unit with one disconnector
- **DM2** — unit with two disconnectors and one circuit breaker
- **CM, CM2** — metering unit with voltage transformer
- **SM** — disconnector unit

MODULAR SWITCHGEAR UNITS

NEX 17.5 series, 10 (6) kV

Since 2011, the Electrical Equipment Plant has been manufacturing NEX-17.5 series distribution switchgear under a license from **SCHNEIDER ELECTRIC**.

NEX 17.5 switchgear units are installed in **10 (6) kV** distribution networks (DN) and distribution transformer substations (DTS) and are used for power supply to industrial enterprises, private companies, and end users. In addition to their technical characteristics, NEX 17.5 switchgear units fully comply with all safety requirements for personnel and equipment. Installation and operation are simple and convenient.

The enclosure of NEX 17.5 switchgear units is made of galvanized metal and is equipped with a withdrawable **EVOLIS-type** vacuum circuit breaker rated **at 10 kV**.

NEX 17.5 switchgear units consist of four compartments, each separated from the others by metal partitions.

Low voltage

DISTRIBUTION CABINETS

In the field of Electrical Equipment Manufacturing, the production of Low Voltage Distribution Cabinets (AGED) is also carried out. These cabinets are intended for the reception and distribution of electrical energy, as well as for protection against overloads and short-circuit currents.

They are designed for low-voltage alternating current systems with a grounded neutral, rated voltage of **380/220 V** and frequency of **50 Hz.**

These products are manufactured in accordance with the technical specifications approved by the State Committee for Standardization, Metrology and Patents of the Republic of Azerbaijan.The types of Low Voltage Distribution Cabinets manufactured by the enterprise include:

MVCIC12 / MVCOC12 / MVCCC12 / MVCFC12 / MVCMC12 / MVCIC36 / MVCOC36 / MVCCC36 / MVCFC12 / MVCMC36

Prisma Pagma

DISTRIBUTION CABINETS

Prisma Pagma type 0.4 kV cabinets (Schneider Electric):
These cabinets, based on Schneider Electric technology, offer high reliability and efficiency in power distribution systems.

14bmg03 / 14 bll 11/ IL-5 / QIL / GL-3 / PQS-3 /
Incoming (Main) Distribution Cabinet

Optical cross-connect cabinets

Server cabinets

Fire cabinets

Optical cross-connect cabinets

Document cabinets

Clothing lockers

Single- and multi-meter

CABINETS

The development of the power sector in the country has brought to the forefront the need to provide consumers with high-quality and uninterrupted electricity supply. In connection with the construction of new residential areas in various regions, districts, and cities, the installation of electricity metering devices has been implemented on a larger scale in recent years.

As the electricity metering process continues to expand, the Electrical Equipment Plant has significantly increased the production of single- and multi-meter cabinets. The plant manufactures meter cabinets designed for 1, 2, 6, 8, 10, 12, and 16 meters.

Meter cabinets of various dimensions are manufactured from steel with powder coating, ensuring durability and protection against unauthorized interference with meter operation.

CABLE TRAYS

of various sizes

These cable trays are designed to protect cables from mechanical damage and environmental impact. Both perforated and non-perforated cable trays are available and can be supplied with various accessories (bend, connector, crossover, T-piece, 4-way junction). They are manufactured in a variety of widths, heights, and thicknesses.

Ladder-type cable trays consist of two side profiles connected by supports. Depending on the product variant, the distance between the rungs may vary. This design provides the highest strength, making it suitable for laying large bundles of cables or heavy cables. Ladder-type trays also ensure excellent cable ventilation.

With a long service life and minimal maintenance requirements, these cable trays are corrosion-resistant and withstand atmospheric and other environmental effects. Galvanized steel trays are used indoors, hot-dip galvanized trays are suitable for outdoor installations, and stainless-steel trays are intended for aggressive environments.
The cable trays produced comply with the following standards: **BS EN 61537:2002**, **IEC 61537:2001**, and **GOST R 52868-2007**.

Complies with

BS EN, IEC, and GOST

standards

QUALITY CONTROL

Electrical equipment manufacturing

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All products manufactured by the Electrical Equipment Plant fully comply with international standards. The plant is certified in accordance with **ISO 9001:2008** and **OHSAS 18001:2007**, holds a Schneider Electric certificate, and also complies with **GOST** standards applicable in Russia and CIS countries.

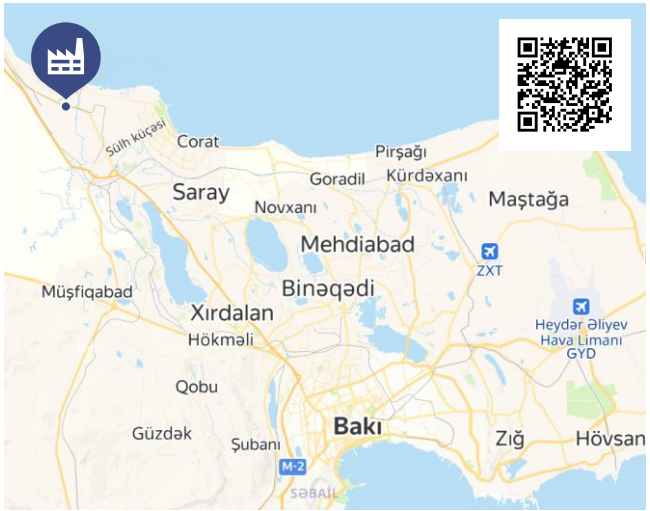
Final testing of the finished products is carried out in an accredited laboratory equipped with U.S.-manufactured testing instruments.

CONTACTS

H.Z.Taghiyev settlement,
Sumgayit, Azerbaijan AZ5022

*0990

info@stp.az / info@stp.az

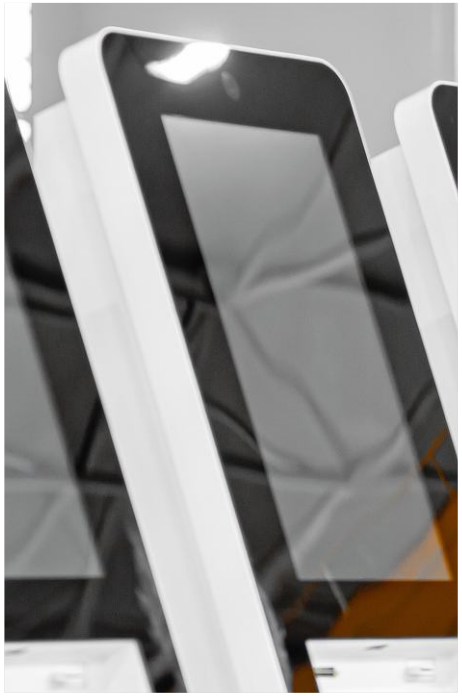


STP collaborates with enterprises across various industries, leveraging manufacturing capabilities that meet sector-specific requirements and a quality-oriented approach.

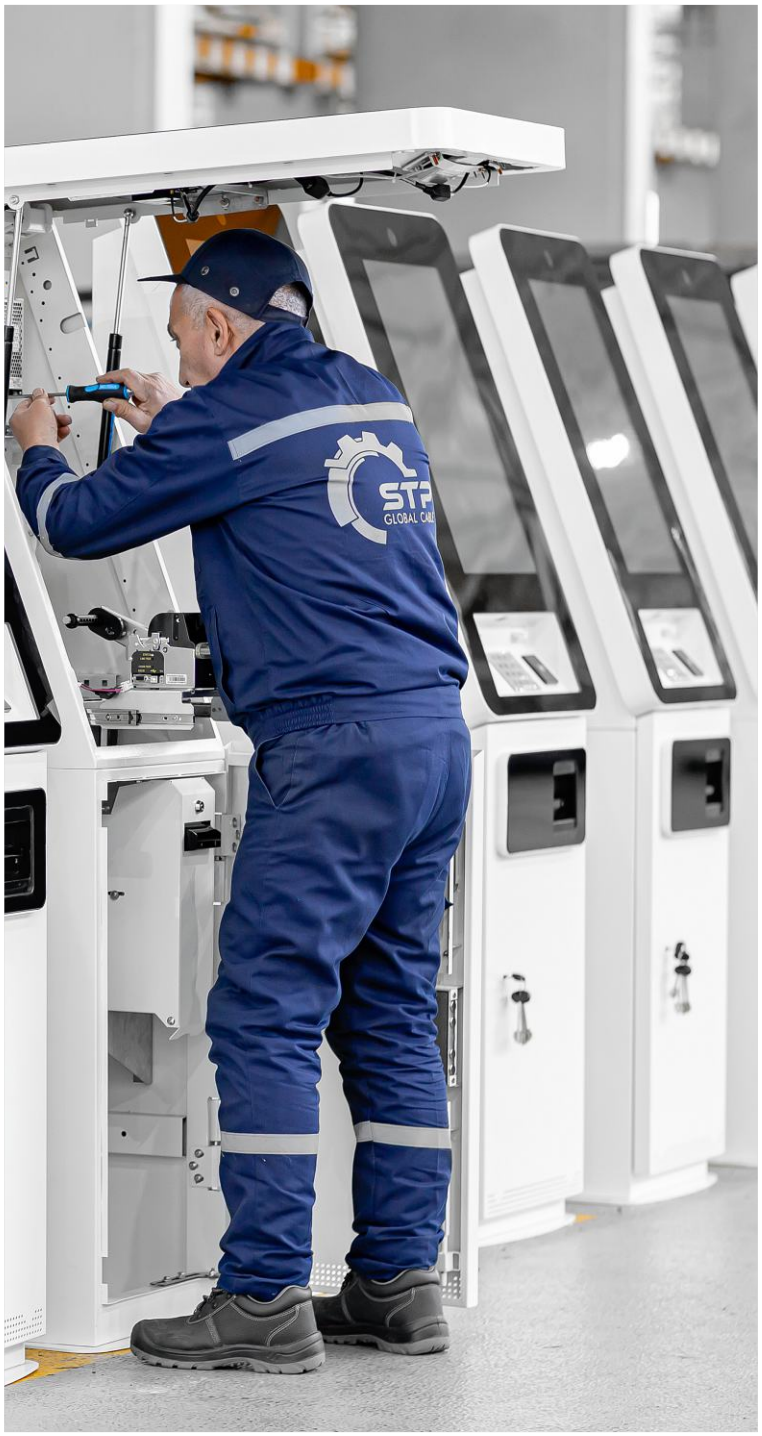
Modern technological equipment and a flexible production infrastructure allow STP to offer partners high-quality and functional solutions.

Proven production systems and skilled specialists provide a reliable and trustworthy foundation for every partnership.

If you are seeking stability and efficiency in manufacturing, you will appreciate the opportunities offered by cooperation with STP.




Industrial generators
with a capacity from
15 kVA to
400 kVA




FINN-POWER


STP
GLOBAL CABLE