



SYNTEK

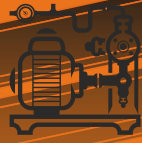


EQUIPMENT PACKAGE

FOR FACILITIES OPERATING
ON LIQUIFIED PETROLEUM GASES



EVAPORATING
PLANTS



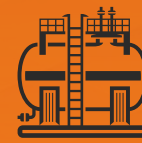
PUMPING
PLANTS



COMPRESSOR
PLANTS



MIXING
PLANTS



LPG STORAGE
VESSELS



AUTOMATION
SYSTEMS



SYNTEK – is a Russian industrial and commercial brand of Factory GazSintez, under which the high-technology equipment package for different facilities operating on the liquefied petroleum gases and their derivatives is manufactured and successfully supplied. The SYNTEK production program is based on the unique developments of GazSintez' design engineers.

SYNTEK EQUIPMENT is highly competitive, and in some cases is of better quality and performance capability compared to known analogues. Each item undergoes multisample quality control at the Factory and is tested for performance capability according to the process flow settings. The equipment is delivered to the facility in maximum factory readiness.

The **LINE** of **SYNTEK** equipment is supplied in modules and ready for operation that facilitates installation on site significantly: it is only required to connect the equipment to a process pipeline.

Evaporators SYNTEK



Types of evaporators	Electrical, liquid
Capacity	From 15 to 500 kg/h
Technical Specifications	TY 4859-010-26824359-2016, TY 4859-011-26824359-2016
Time of manufacture	20-30 calendar days
Design service life	At least 10 years

Evaporating plants SYNTEK



Types of evaporators	Electrical, liquid
Capacity	Up to 9000 kg/h
Design	In-frame, in a cabinet, in a heat-insulated cabinet, in a block-box
Technical Specifications	TY 4859-005-26824359-2015
Time of manufacture	30-40 calendar days
Design service life	At least 10 years

Pumping plants SYNTEK



Types of pumps	Sliding vane pump, side channel pump, pump with a metering device
Capacity	Up to 1400 l/min
Design	In-frame, in a cabinet, in a heat-insulated cabinet, in a block-box
Technical Specifications	TY 4859-006-26824359-2015
Time of manufacture	40-60 calendar days
Design service life	At least 10 years

Compressor plants SYNTEK



Types of compressors	Single-stage oil-free gas compressors
Capacity	Up to 209 m ³ /h
Design	In-frame, in a block-box
Time of manufacture	30-40 calendar days
Design service life	At least 10 years

Mixing plants SYNTEK



Types of mixing units	Based on a mixing valve, based on Venturi tubes
Capacity	Up to 20 000 m ³ /h
Design	In-frame, in a block-box
Technical Specifications	TY 4859-004-26824359-2015
Time of manufacture	60-90 calendar days
Design service life	At least 10 years

Gasholders SYNTEK



Nominal capacity	Up to 200 m ³
Spacing	Above-ground, underground, vertical, horizontal
Design	Single-walled, double-walled
Technical Specifications	TY 3615-006-69478442-2014
Time of manufacture	20-30 calendar days
Design service life	At least 20 years

Process systems for gas-filling stations



Types of pumps	Sliding vane pump, side channel pump, pump with a metering device
Types of gasholders	Above-ground, underground (1-2 pcs)
Capacity	Up to 2500 l/h
Design	In-frame, under a tent
Time of manufacture	40-60 calendar days
Design service life	At least 10 years

Cylinder-filling stations



Cylinder filling mode	Semi-automatic
Capacity	Up to 1000 l/h
Design	In a ventilated container, in a heat-insulated block-box
Technical Specifications	TY 4859-012-26824359-2016
Time of manufacture	40-60 calendar days
Design service life	At least 10 years

LPG supply unit



Types of evaporators	Electrical
Capacity	Up to 200 kg/h
Gas tank types	Aboveground, underground (1-2 pcs)
Design	In-frame, on neck
Time of manufacture	40-60 calendar days
Design service life	At least 20 years

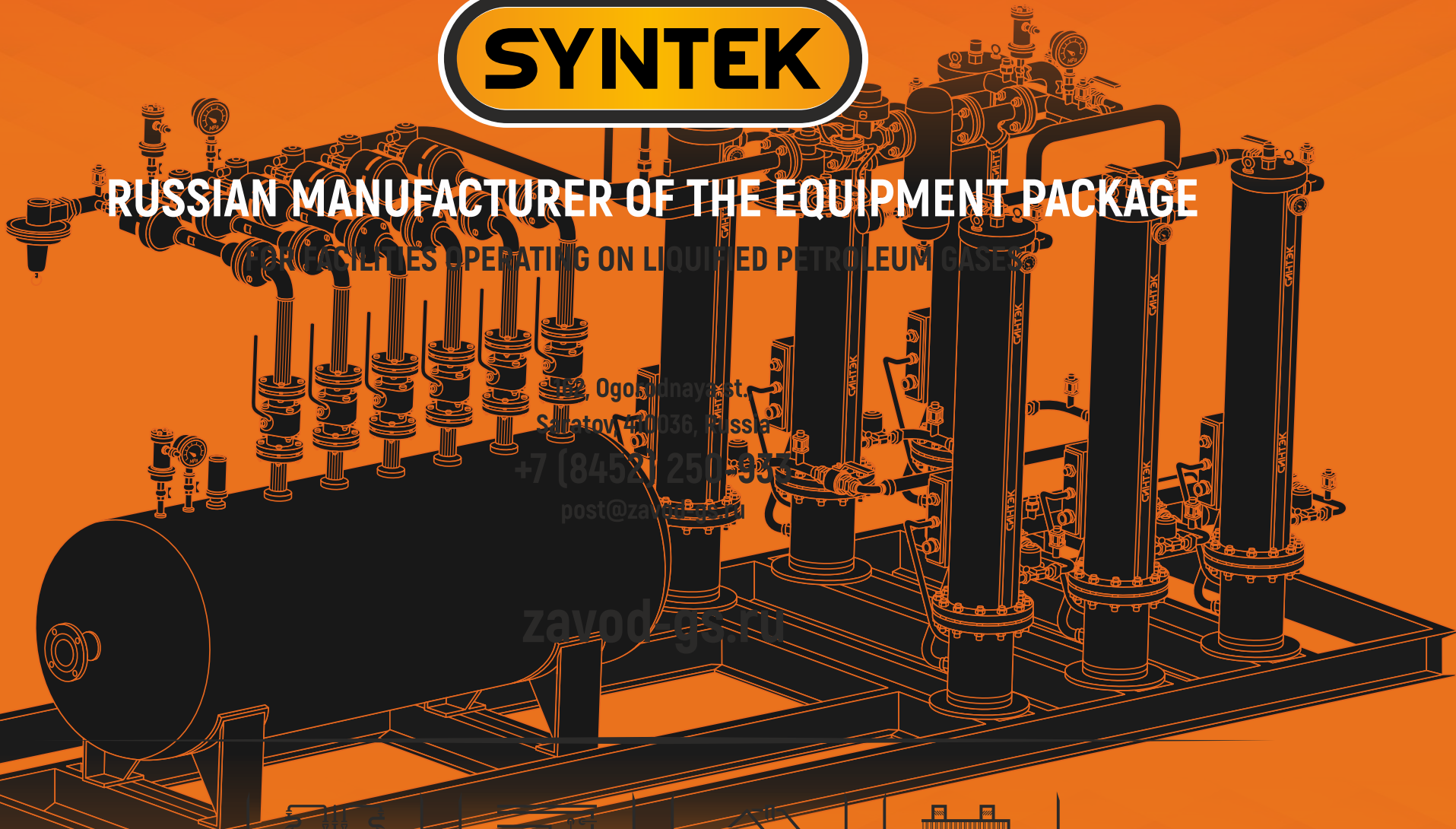
Gas filling station with fuel dispenser



Gas tank types	Aboveground, underground (up to 8 pcs)
Pumping rate	Up to 500 l/min
Design	In-frame, in a block-box
Fuel dispensers amount	Up to 8 pcs
Time of manufacture	40-60 calendar days
Design service life	At least 10 years




RUSSIAN MANUFACTURER OF THE EQUIPMENT PACKAGE




FACILITIES OPERATING ON LIQUEFIED PETROLEUM GASES

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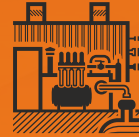
PROCESS SYSTEMS FOR GAS-FILLING STATIONS



STATIONS FOR FILLING CYLINDERS WITH LPG



EMERGENCY-BACKUP LPG SUPPLY



EMERGENCY-BACKUP SNG SUPPLY