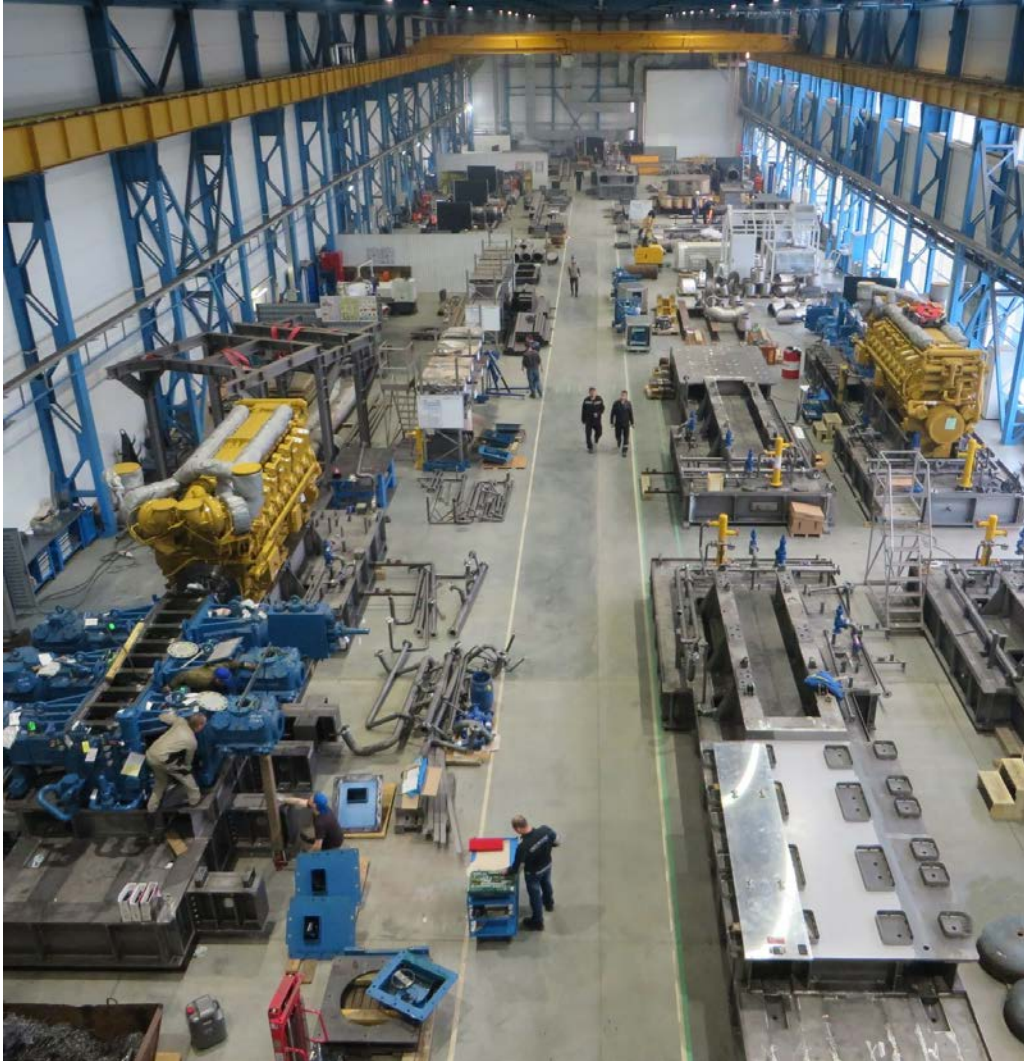




**INGC COMPANY**  
**PRODUCTION**





# COMPANY TODAY

- Modern engineering and manufacturing company, founded in 2010

Area of the production facility

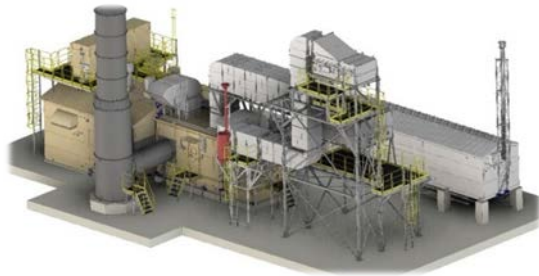
# 16 acres

more than **400**  
employees

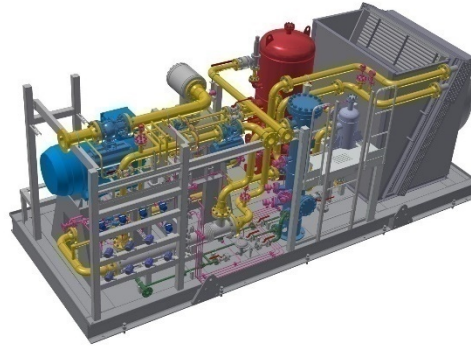
INGC is certified for compliance with ISO 9001-2018.  
Certification of production for compliance with **ASME**



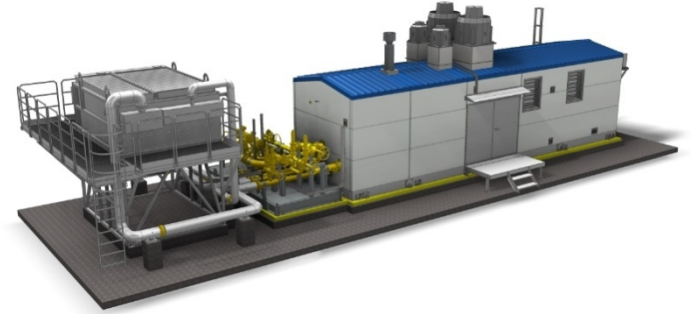
# PRODUCT LINE



CENTRIFUGAL COMPRESSOR UNITS



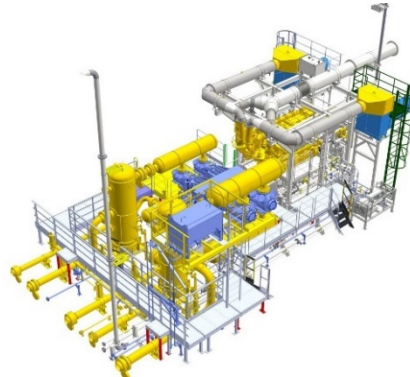
SCREW COMPRESSOR UNITS



PACKAGED EQUIPMENT



GAS TURBINE POWER UNITS



RECIPROCATING COMPRESSOR  
UNITS



AUTOMATION AND  
ELECTRICAL DISTRIBUTION  
SYSTEMS

# PRODCUTION AREA

**In 2020, territory of the production area was expanded up to 17 000 feet<sup>2</sup>**

- New administration buildings were constructed – 13000 feet<sup>2</sup>
- Outdoor storage area was expanded – 39000 feet<sup>2</sup>
- New gantry crane of 16 ton capacity was purchased.



## **Scheduled measures for the territory development:**

Construction of new production shops of 55 000 feet<sup>2</sup> area, among them:

- Blank production and machine assembly workshop – 2 9600 feet<sup>2</sup>
- Administration and amenity rooms and auxiliary areas — 3660 feet<sup>2</sup>
- Surface preparation workshop – 14 700 feet<sup>2</sup>
- Procurement and finished product packaging workshop – 6500 feet<sup>2</sup>

Construction of metalware and electrical equipment warehouse of 4300 feet<sup>2</sup> area

# PRODCUTION AREA





# PRODUCTION

- Total area of the production base is 16 acres;
- Assembly workshop is 55000 ft<sup>2</sup>;
- Machining workshop is 27000 ft<sup>2</sup>;
- Painting and packaging workshop is 16000 ft<sup>2</sup>;

up to **12** Recip units  
simultaneously

up to **20** Centrifugals units  
annually



# PRODUCTION POTENTIAL

Full-cycle production of gas compressor units and compressor units is performed in INGC facilities in the following sections:

1. **Blank preparation section** (metal cutting and plasma cutting, lathe, milling and drilling operations)



2. **Welding and assembly section** (welding, mocking-up, assembly of steel structures and process equipment)





# PRODUCTION POTENTIAL

3. **Machine assembly section** (packaging of the systems, installation of the process equipment and argon arc welding)



4. **Electrical section** (assembly of the switchboard equipment and performance of electrical work package)





# CS and LOW-VOLTAGE PACKAGE MODULE SYSTEMS INTEGRATION

- Low-voltage package module cabinets
- Fire alarm and automation cabinets
- Heating and ventilations automation and control cabinets

- Lighting panels
- Power distribution panels
- Metering panels
- Circuit-breaker panels

Own «Sirius» information and control system for recip and centrifugal units operation



# PRODUCTION POTENTIAL

5. Section of the vessel equipment automatic submerged-arc welding



6. Packing section





# PRODUCTION POTENTIAL

7. Finished products storage area. Storage and shipment area.



# PRODUCTION EMPLOYEES

Production employees improve their professional skills, receive training and certification on an annual basis.

Specialists of the company have received training in work with the equipment of such companies as **Caterpillar, Ariel, Nuovo Pignone, John Crane, Eagle Burgmann, Thermodyn, Solar** and others.

Within the new project, specialists of the company have received training in work with Waukesha equipment.

All welders are **NACWP** certified. All production employees have a field-specific education and qualification in their speciality.

## Preproduction department performs the following activities:

- Technology development and preparation of production for new product output;
- Control over the production progress and availability of the required set of design and technical documentation;
- Production planning, operational control and reporting activities;
- Implementation of technical means for production activity control;
- Development and approval of administrative and technical measures aimed at quality improvement of the output product.



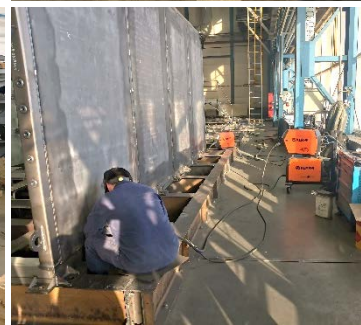


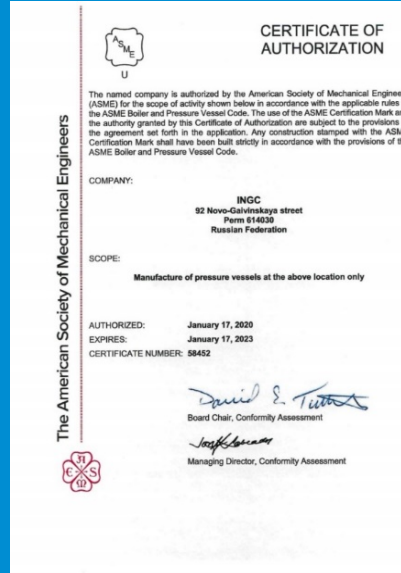
# TECHNICAL EQUIPMENT

- CNC oxy-fuel cutting and air plasma cutting machines
- Bandsaw machines
- Upright drilling machines
- CNC tube bending machinery
- CNC press for profile rolled steel bending
- Turn/mill machines
- Radial drilling machine
- Equipment for hydraulic testing

- Semiautomatic welding machines
- Argon arc welding machines
- Electrical resistance welding machines
- 3D welding tables and assembly rigs
- Welding machine for the vessel equipment submerged arc welding
- Laser system for shaft alignment and plane control

- Automatic shot-blasting through-type line
- Manual shot-blasting chamber
- Coating booth with an autonomous system of the required microclimate maintenance
- Paint equipment of airless spraying





# QUALITY CONTROL

1. **Incoming inspection** of materials and components
2. **Technical control** of the products in compliance with the approved documents (design, technical and regulatory documentation);
3. **Product testing** (acceptance tests witnessed by representatives of the customers, type tests of prototype models, electrical tests, acceptance tests;
4. Quality control of containers, marking, packing, product storage and preservation;
5. Proof of quality and completeness of the produced or delivered products in the supporting documentation and technical passports;





### **SALES AND ENGINEERING**

14 Nauchny proezd, litera A,  
bld. 3, Moscow, Russia, 117246  
Tel.: +7 495 231 46 73 / 61  
[info@ingc.ru](mailto:info@ingc.ru)

### **PRODUCTION AND DESIGN BUREAU**

92 Novogaivinskaya St,  
Perm, Russia, 614030  
Tel.: +7 342 205 79 50  
[info.perm@ingc.ru](mailto:info.perm@ingc.ru)

**ingc.ru**