



**DAREX-ENERGY**

**PRODUCTION  
CLUSTER**

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# SPECIALIZATION

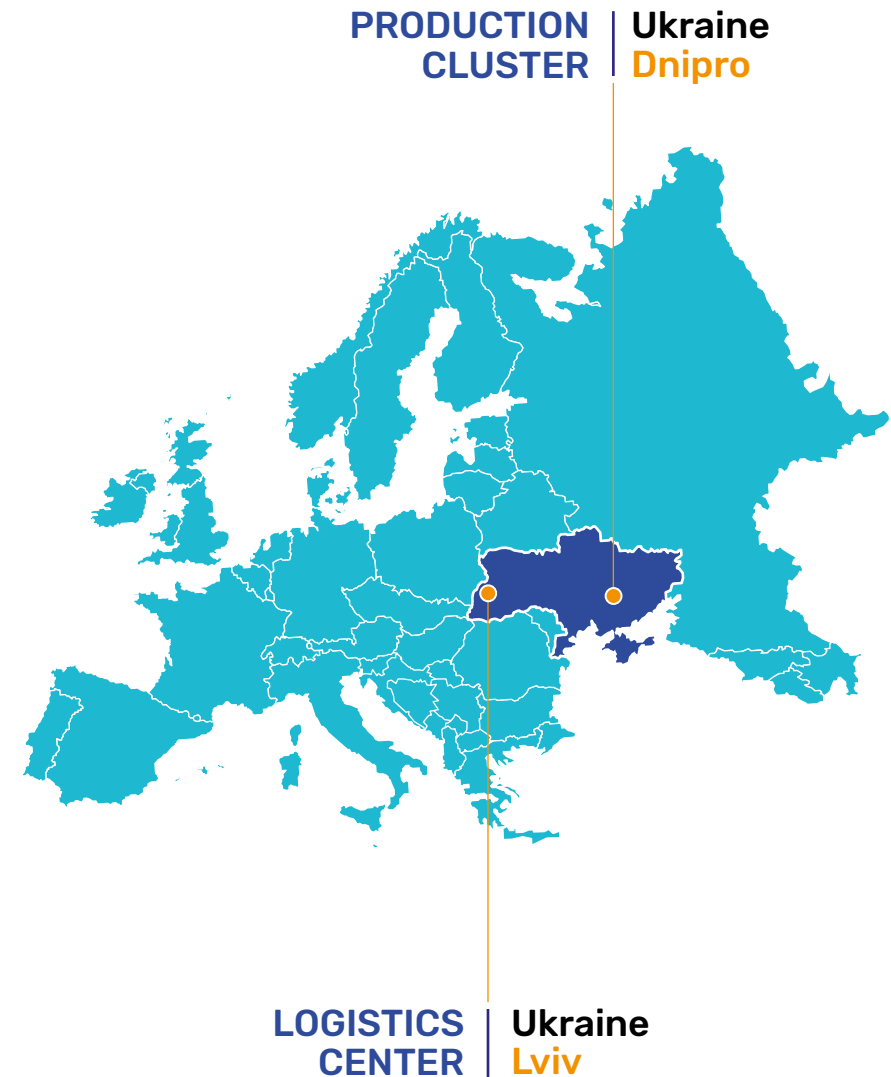
Specialization of DAREX-ENERGO LLC  
it is a **complex turnkey organization of independent power supply systems** based on diesel and gas generators with a capacity of 10 - 1000 kW and more

Delivery of diesel generators on the principle **from project to object**



# BENEFITS

- **own production**
- professional engineering and technical staff with **25 years of experience**
- **stock of components** for the production of diesel generators
- **long-term contracts with manufacturers** engines, generators, housings, control panels and other accessories
- **reliable supply routes** components and spare parts for the sparrow process
- **logistics hub in Lviv** convenient location near the border facilitates supply of components and weighing finished products in Europe, Asia and the Caucasus



# COMPONENTS

We always have a supply of components needed for fast assembly of diesel generators up to 500 kW.

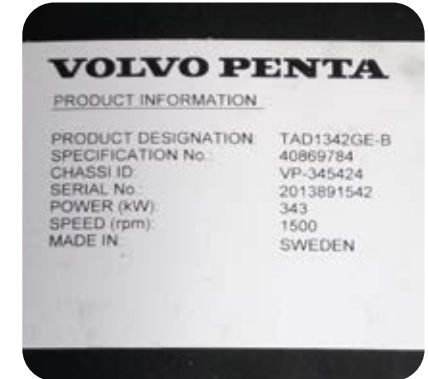
Our suppliers include only tested, reliable and **certified manufacturers housings**, motors, alternators, filters and other units.



# ENGINES

In the production of power plants we use professional industrial diesel generators from the world's best manufacturers

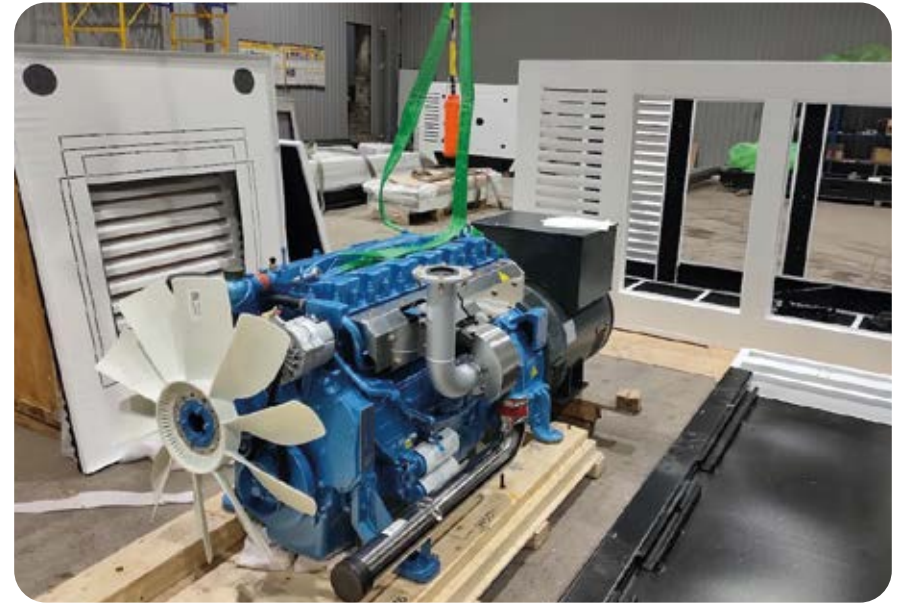
- **VOLVO** Sweden
- **KOHLER** Italy
- **PERKINS** England
- **BAUDOUIN** France
- **FPT (IVECO)** Italy



# MANUFACTURE OF POWER PLANTS

**DAREX-ENERGY production facilities allow:**

- produce power plants up to 1000 kW
- integrate diesel generators in sea containers (20 and 40 feet)
- install diesel generators on car trailers
- install diesel generators in KUNG type bodies
- to equip diesel generators enlarged fuel tank or external (remote) tank
- synchronize the operation of several power plants



# MANUFACTURE OF POWER PLANTS



We carry out  
**full cycle of  
production  
of diesel  
generators**





# MANUFACTURE OF POWER PLANTS

**Production facilities of DAREX-ENERGY allow to assemble diesel generators, which are designed for long-term operation as a single (reserve) source of electricity at various industrial enterprises, in medicine, agriculture, etc.**



## **Example of completed project:**

- Diesel generator of TM "DAREX ENERGY" with a maximum power of 800 kVA 640 kW, which is assembled on the basis of a diesel engine TM "SDEC" with a capacity of 662 kW (900 l/s).

# MANUFACTURE OF POWER PLANTS



# OVERALL MANUFACTURING

Installation of diesel generators in marine 20 and 40 foot containers with complex equipment of autonomous power plant.

## Example of completed project:

- Power plant block-container diesel DES WEB and DES APOG commissioned by SE "Research and Production Complex of Gas Turbine Construction" Zorya"- "Mashproekt"



## Installation of power plants in a container includes the following works:

- installation of two power plants in one container;
- synchronization of two power plants;
- lighting and heating equipment;
- installation of fire extinguishing system;
- insulation of the container with cotton wool;
- floor reinforcement, etc.



# LOW VOLTAGE EQUIPMENT

**DAREX-ENERGY produces a full range of electrical equipment necessary to ensure the operation of power plants:**

- blocks of automatic switching on of a reserve;
- boards of connection of loading;
- reactive power compensation devices;
- transformer substations;
- distribution cabinets.



# DIESEL GENERATORS ON TRAILERS

To increase the mobility of power plants can be installed on cars:

- carriages,
- trailers.

DAREX-ENERGY also manufactures specialized versions of diesel generators on car trailers for the needs of power structures, which feature a reinforced design and extended optional upgrades.



# DIESEL GENERATORS IN KUNG BODIES

## Example of completed project:

- Diesel generators in the KUNG type body to order of the National Guard of Ukraine. Additionally, KUNGS are equipped with lighting, air conditioning and heating systems and staff workplaces.



**DAREX-ENERGO service department performs:**

- maintenance;
- pre-season training;
- optional modernization;
- repair of diesel generators.

The service staff tests and checks each diesel generator for compliance with the stated technical parameters before sending it to the customer.





# CONTACTS

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