



GEOGRASS 2500

RUS-BOTS



PELEC MRP

SNOWMATIC

РоботРДВ



- Transport engineering
- Construction equipment
- Off-road vehicles
- Industrial machines Snow cover processing equipment
- Mechanical metal-working
- Multifunctional robotic platforms



**MACHINE-BUILDING FULLY INTEGRATED MANUFACTURER**

**СЕВЕРНЫЙ ТЕХНОПАРК**

Russia, Vologda region, Cherepovets city,

50-year of October street, 1/33

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# COMPANY

Company "Severnnyy Tekhnopark" entered to the market in 2005 as a manufacturer of compact tracked all-terrain amphibious vehicles under the brand "PELEC".

Today "Severnnyy Tekhnopark" is a machine-building fully integrated manufacturer, includes:

- procurement site (laser and plasma cutting, saws),
- turning shop (CNC machine tools),
- welding section (incl. robot welding),
- painting site (polymer coating line),
- assembly area (mechanic, hydraulic, electric),
- design-engineering department (3D design and modeling),
- R&D department.

"Severnnyy Tekhnopark" the first manufacturer in Russia started the mass production of compact amphibious tracked amphibians. Currently, the company is the leader of the Russian market and is one of the leading world manufacturers of compact tracked all-terrain vehicles.

# PRODUCT LINE

Shared values: the company is focused on the research and development of innovative technology & solutions, personal and professional employees development, continuous growth in design, engineering and manufacturing to the level of the best world wide practice.

Today the company produces a wide range of machinery and equipment:

- Transport engineering - compact amphibious ATV "PELEC"
- Equipment for snow cover processing and ski trails - Snowcat "Snowmatic ST 200" and snow mini-cutter "Snowmatic - il", ski slopes service equipment - snowmakers and chairlifts
- Construction equipment - pile drive machines "Stroimatic"
- Agriculture - the hydroseeding unit "GeoGrass 2500", the automatic soil samples maker "RoboProb"
- Industrial machines - multifunctional self-moving trucks "RUS-BOTS"
- Multifunctional ROBOTIZED platform "PELEC-MRP"





# DEALERS AND REPRESENTATIVE OFFICES



The network of more than 70 dealer and service centers covers almost all regions of Russia from St. Petersburg (in the West) to Vladivostok (in the East), from Murmansk (in the North) to Sochy (in the South of Russia).

«Severnnyy Tekhnopark» is represented in the EU, CIS countries, Southeast Asia and North America.

Representative offices of the company are open in Canada and the USA.

# AMPHIBIOUS ATV "PELEC"



The amphibious ATV - innovative all-terrain vehicle that can carry cargo similar to the weight of ATV- which is not available for heavy amphibious ATVs.

Steel body in combination with the unbeaten cross-country ability of the caterpillar drive, comfort for the driver and passengers - makes ATVs "PELEC" an indispensable assistant in any off-road conditions.

The ATV can be used as personal and corporate transport, for transportation of people and cargoes, service and support of the performed works.

Among our clients are fishermen and hunters, people who live & work in hard reach area, rescue services, geological exploration companies, service companies operating (oil, gas, power transmission line).

Compact size allow you to transport ATV PELEC in a car trailer.

The company produces 2,4 and 6 (or 2+cargo) seats amphibious ATV in cargo and passenger performance with a gas or diesel engine.

# PILE DRIVE MACHINE "STROIMATIC"



Pile-driving plant develop a new market segment - the construction of foundations on reinforced concrete piles for low-height housing construction. This is the first model of a compact size pile-driving machine on the caterpillar track, which is suitable for working in residential areas and preserves the customer areas from damage. The compact dimensions of the unit allow to move it in car trailer.



# SNOW COVER PROCESSING

SNOWMATIC



Professional equipment for snow cover processing and ski-track preparation "Snowmatic".

Snowcat "Snowmatic ST 200" capable of processing a ski slope of any complexity. Snow mini-cutter "Snowmatic - il" - perfect option for preparing ski slopes and treating snow cover in difficult terrain or limited space (park areas, forest belts, schools and ski stadiums). Other equipment - snowmakers and lifts will help to prepare and serve the ski slopes in case of snow limit situations.



# MULTIFUNCTIONAL ROBOTIZED PLATFORM "PELEC-MRP"

# PELEC MRP



Multifunctional robotic platform "Pellets-MRP" with automatic remote control can be installed on any of the ATV "Pelec". Movement control modes:

- behind the leader (behind the dynamic marker),
- by coordinates with robotised video finding of the right way for movement (GPS or GLONASS),
- remote control (telemetry remote sensing).

# AUTOMATIC SOIL SAMPLES MAKER "ROBOPROB"

*RoboPROB*



The robotized complex is designed for automatic selection of soil samples. It makes ground surveys as accurate as possible. Subsequent processing of agricultural land is maximized. It opens a new options for increasing crop yields and protecting the environment by optimizing the flow of fertilizers and the technology of fertilizer batching.

## HYDROSEEDING UNIT

# GEOGRASS 2500



The “GEOGRASS 2500” is designed for professional use in small and medium-sized areas, maintaining good lawn conditions. The larger capacity of the tank allows you to work at a faster rate without spending a lot of time for recharging the machine. A large platform convenient to place mulch and components. An ergonomic hydro-gun allows to spray of the mixture with a maximum comfort for operator.



# MECHANICAL METAL-WORKING



Modern equipment (laser cutting metal, turning and milling processing on CNC machines, robotic welding) and engineering office (computer design and 3D modeling) allows the company to provide a wide range of services in the field of metal machining (cutting, hydroabrasive treatment, welding, turning and milling, heat treatment, polymer coating, application of protective coatings), provide design and engineering service (SRO, SolidWorks-3D, Autotocad), produce parts, mechanisms and metal structures to meet the customer requirements.

The production of a full cycle allows you to perform works in a short time, monitor the quality of work performed and offer customers competitive prices for company services.



# BASIC REQUIREMENTS FOR PARTNERS



1. Showroom in the Territory of sales for displaying products "Pelec"
2. Stock exhibition samples of «Pelec» ATV's
3. Two testdrive vehicles of different models
4. Regularly arrange public test drives (at least 1 time in 2 months)
5. Permanent stock of spare parts and components "Pelec"
6. Permanent and high-quality service (both guaranteed and non-guaranteed)
7. Marketing activities to promote the «Pelec» products
8. Collect and transfer feedback from customers and expectations of potential customers
9. Sales goals from 2-nd year of sales and promotion

# CONTACTS

We are striving to create a world wide company with an innovative approach to the development and implementation of original solutions in mechanical engineering, so we are always open to new projects and fruitful cooperation on a mutually beneficial basis.

Severnnyy Tekhnopark LLC

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