

**MALININ GROUP**  
DRILLING IN DEEP PERFORMANCE

## ▶ CONTACTS

**Construction company IPS**  
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**CCT**  
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**Anchor systems**  
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**MalininSoft**  
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## UNION OF GEOTECHNICAL COMPANIES

MALININ group is a union of companies that are engaged in geotechnical works, production of special construction equipment, anchors, as well as development of geotechnical software.

The companies were founded by Aleksei Malinin. So the experience and knowledge has been passed on from generation to generation and quality assurance is at the core of the company's thinking and acting.

MALININ group includes:

- Construction company IPS
- CCT
- Anchor systems
- MalininSoft



## CONSTRUCTION COMPANY



Underground construction is the main activity of IPS company.

For effectively solving geotechnical problems our specialists were the first who started to apply jet-grouting technology in Russia.

Since its foundation in 2002 IPS has gained a wide experience in the field of geotechnical work:

- soil consolidation,
- strengthening foundations,
- excavation wall,
- ground anchors installation,
- Deep soil mixing (DSM).

IPS company's equipment fleet has more than 30 drilling rigs and 14 complete sets for jet-grouting.



## COMPLETED PROJECTS

IPS participated in construction of such significant projects as Formula 1 racing track in Sochi, construction center of large-capacity offshore structures in Murmansk.

Company performed geotechnical work for tunneling subway in Moscow, Yekaterinburg, Kazan and Chelyabinsk, also for large residential complexes construction.



Jet1 and Jet2 piles



Metro st. Chkalovskaya, Chelyabinsk



Vostochniy Port, Nakhodka



Kotelnecheskaya embankment, Moscow



Skolkovo technopark, Moscow



Alpika Service - Roza Khutor, Sochi



Tel Aviv, Israel





## SPECIAL CONSTRUCTION EQUIPMENT

CCT

CCT manufactures a complete set of equipment for injection works, including works with jet-grouting technology using.

Our experienced engineering staff, unique technological equipment allow to create new types of construction mechanisms for solving non-standard geotechnical tasks.

Main products of CCT company:

- drilling rigs Figaro,
- mixing plants Vortex,
- high-pressure pumps CCT,
- injection units AtlantJET and Mini,
- silos for cement storage,
- drilling tools,
- demolition robots ATLANT.



# CCT PRODUCTS



Drill rig Figaro 400



Drill rig Figaro PAUK



Drill rig  
Figaro 1000



High-pressure pump CCT400



Injection units AtlantJET



CCT plant in Perm, Russia



Demolition robot ATLANT 4000



Drilling rods





## ANCHOR SYSTEMS



Ground anchors are widely used in underground construction for fixing pits, stabilizing slopes, driving mines and tunnels.

Since 2008 Anchor Systems company manufacture anchor rods and accessories named ATLANT.

Ground anchors ATLANT made in Russia:

- diameters from 30 mm to 127 mm,
- productivity up to 5000 meters per day,
- always on stock up to 150 km anchor rods,
- different types of drill bits and mounting units,
- design and calculation.



## ▶ COMPLETED PROJECTS



Kufonina Str., Perm



Opolznevov, Yalta



Khimki, Moscow region



Load sensor Atlant and hydraulic Jack for ground anchor testing



Installed ground anchor Atlant, residential complex «Sobytie», Moscow

Bolshaya Cheremushkinskaya Str., Moscow

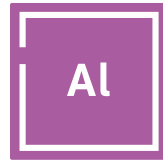


Atlant anchor manufacturing workshop, Perm





**GeoWall**  
Pits  
fencing



**Alterra**  
2D  
FEM



**GeoPlate**  
Plate  
foundations



**GeoStab**  
Slopes  
stability

Free soft



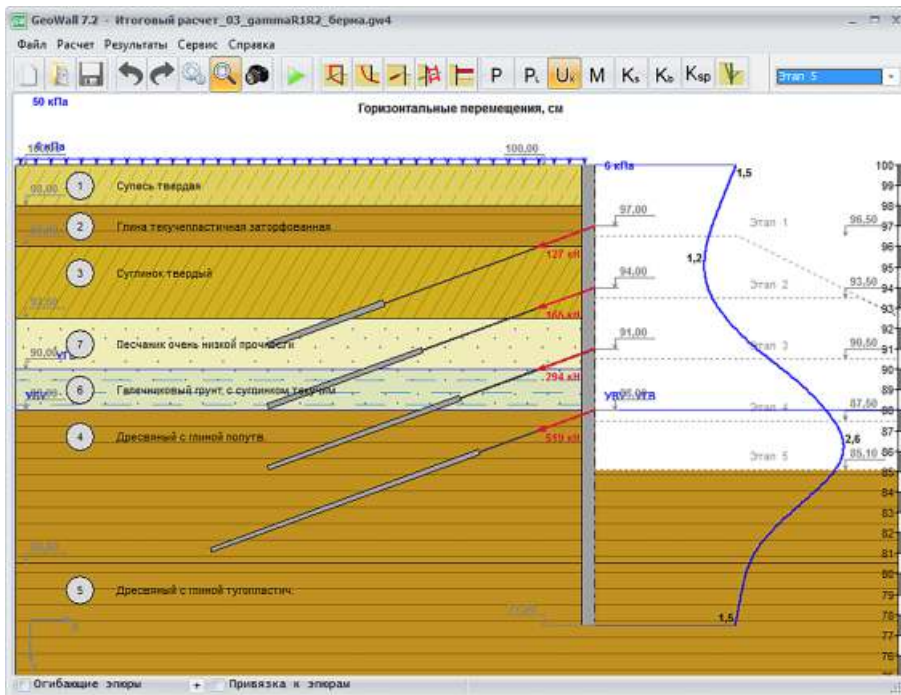
**Pile**



**Plug**



**GeoBook**



GEOTECHNICAL  
CALCULATIONS

Malinin soft

The company InzhProektStroy develops geotechnical software MalininSoft.

MalininSoft programs are based on using of engineering techniques and modern numerical methods that have proven themselves quite well in practice.

Simplicity and convenience of the interface is a great advantage of MalininSoft software. It allows to calculate different options very quickly when choosing a design solution.

Application:

- excavation walls calculation,
- slopes stability calculation,
- calculation of piles and foundations,
- computation by 2D finite elements method.



[MALININGROUP.COM](http://MALININGROUP.COM)