



JSC Dimitrovgradhimmash

**Always there when
needed, for those who
appreciate quality**



85
YEARS



JSC Dimitrovgradhimmash

Efficient use of production facilities, adoption of new technologies, modern equipment allow the enterprise to be in step with the time increasing turnout and enlarging range of produced production.

JSC Dimitrovgradhimmash as the main from town forming enterprises has a lot to be proud of. We manufacture reliable equipment which is designed for long term operation, appreciate unity of our team, have open partner relationship with our Customers and Suppliers and are ready to work as per individual Customer's technical assignment. Just individual approach to customer's requirements is the way to creative development which make our work interesting and required not only inside of enterprise but also for oil producing and chemical industries of country in common.

I believe that thanks to our team cohesion, creative approach to tasks solutions our plant will continue successfully develop, achieve new production success, conquer a new peak of technical progress.



General director
JSC Dimitrovgradhimmash
S.M.Mikhaylin



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Manufacture of capacitive equipment and pumps

The number of staff -1500

The total area of the plant -110 000 sq.m.

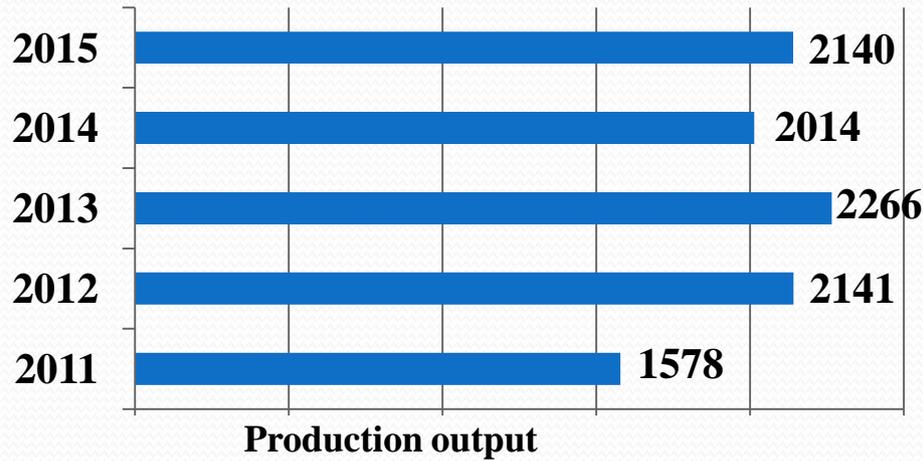


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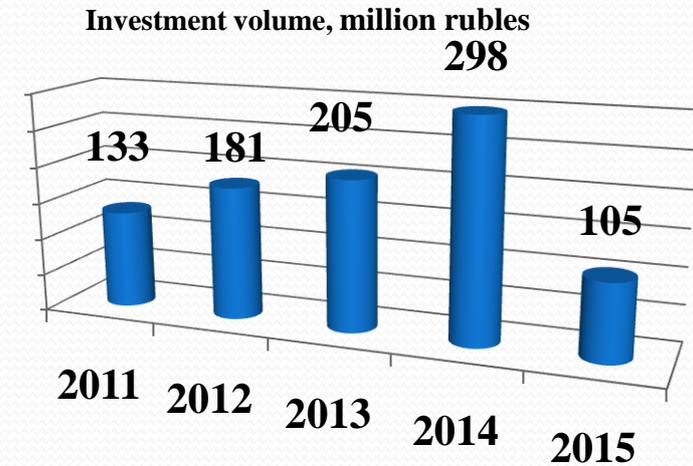
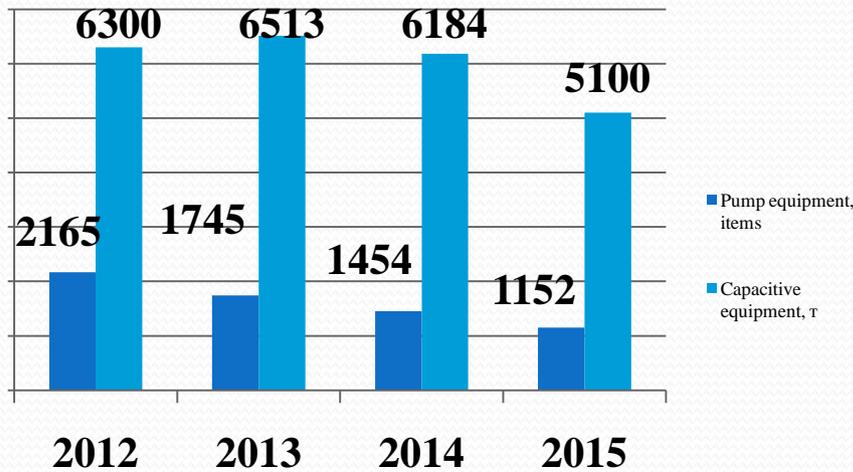
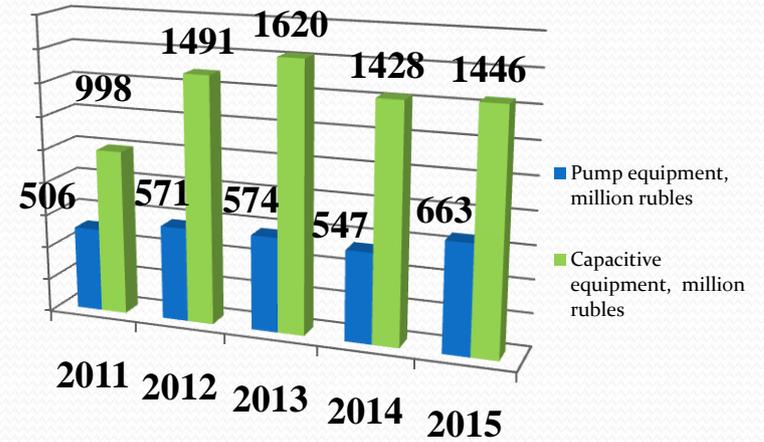


Production and economic indicators

Volume of commodity products, million rubles



Volume of commodity products, million rubles



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Our customers



JSC ROSNEFT



JSC NOVATEK



OJSC SURGUTNEFTEGAS



PJSOC BASHNEFT



PJSC TATNEFT



PJSC GAZPROM NEFT



OJSC NGK SLAVNEFT



PJSC LUKOIL



JSC TRANSNEFT



JSC SIBUR



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Production capabilities

Mastered the line for fabrication of torospherical heads for capacitive equipment of Italian company BOLDRINI



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Production capabilities



FACCIN plate bending machine for rolling sheet thickness up to 200 mm



Production capabilities



Welding complex ESAB

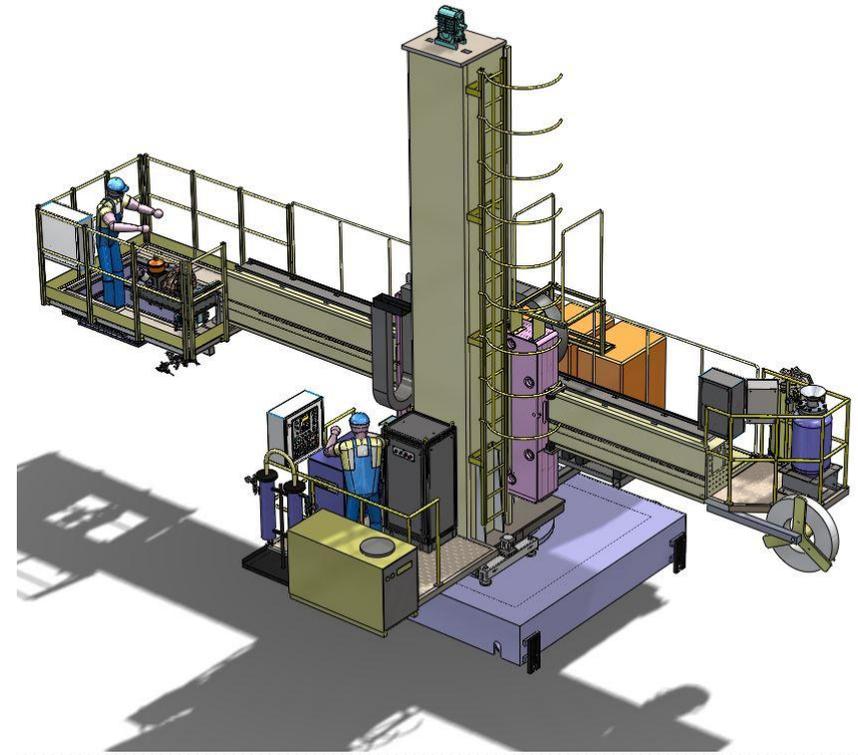
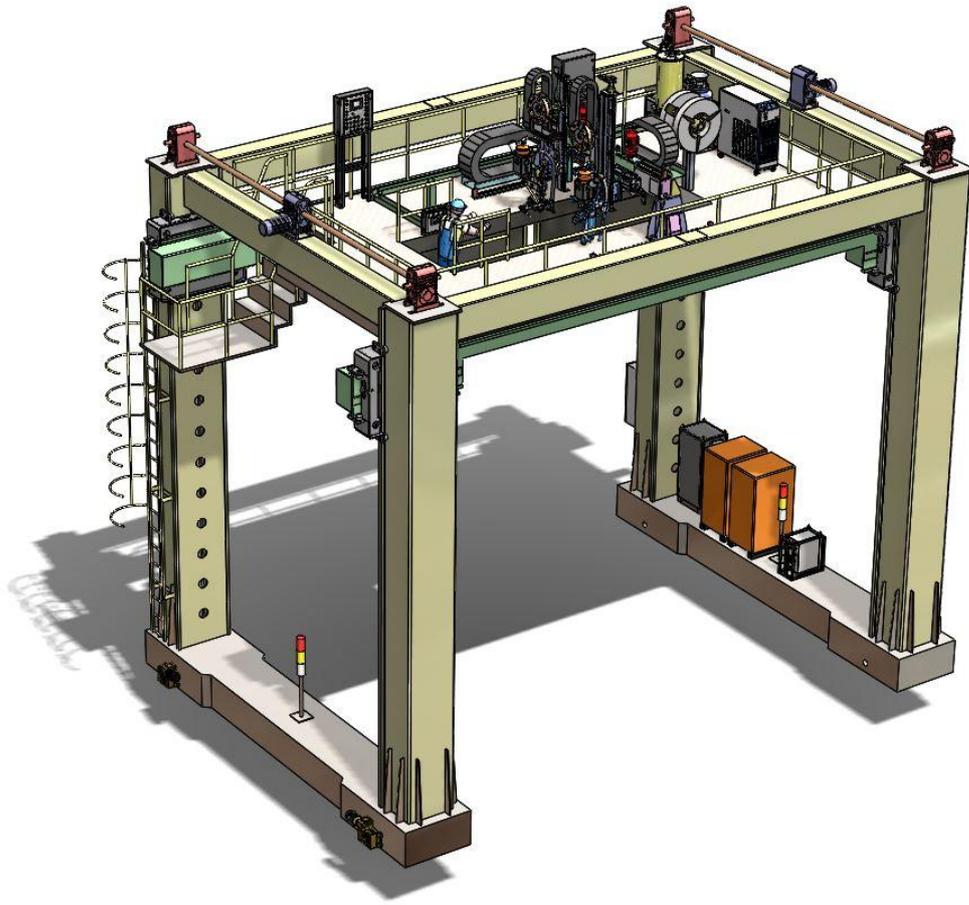


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Production capabilities

Complex НПФ ИТС КС-223 surfacing and welding products weighting up to 200 tons





Production capabilities

Complex НПФ ИТС КС-223



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Production capabilities

Painting chamber



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Production capabilities

Gas oven for heat treatment





Production capabilities

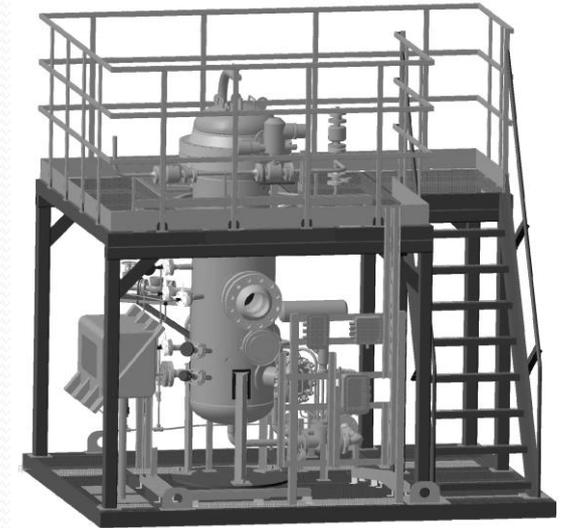
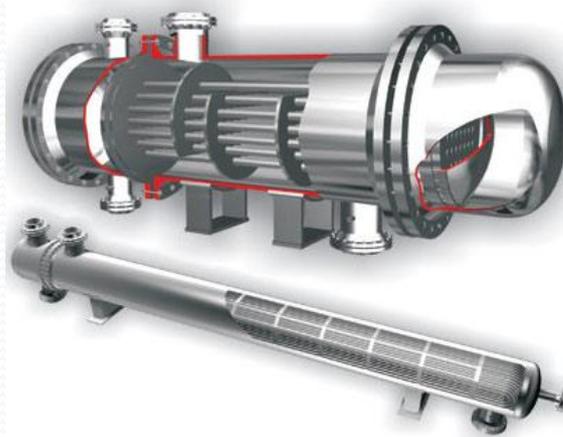
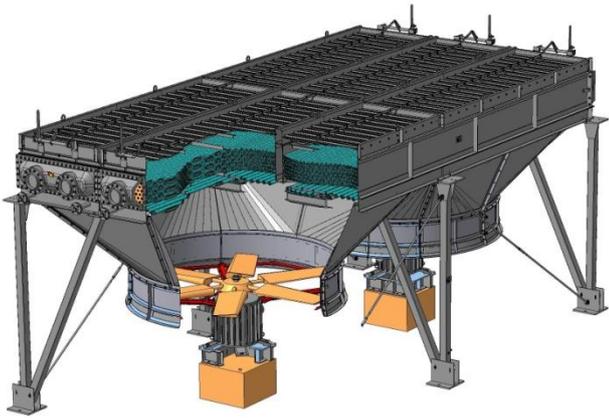
Portal milling machine FOUR STAR



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Engineering



Bureau of capacitive equipment;
Bureau of pump equipment;
Bureau of heat exchangers and air cooling equipment;
Bureau of special technologies

Our advantages:

Use 3D modeling in Kompas;
Applicable international design standards
(ASME, TEMA, EN, API)



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Manufactured equipment

REACTORS

Process (equipment)	Material (Import/Russian)	Weight-size parameters
Hydrocracking; Hydrotreatment; Catalytic cracking (FCC, RCC); Catalytic reforming (CCR); Hydrogen generation; Sulfuric acid alkylation.	Cr-Mo; Cr-Mo + stainless steel surfacing; carbon and low alloyed steels; carbon and low alloyed steel + stainless steel surfacing; stainless steel	Thickness = max 200 mm; Diameter = max 5 m; Length = max 60 m; Weight = max 200 t.



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Manufactured equipment

REACTORS



Coke drum P-1,2,3
Volume 425 m³, diameter 5,0 m, steel UNS S32100 (321) / ASTM A 240/M ED.2015a, weight 110 tons



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Manufactured equipment

COLUMNS

Process (equipment)	Material (Import/Russian)	Weight-size parameters
Fractionators; Stripping columns; Vacuum columns; Absorbers; De-ethanizers; Gas scrubbers; Separators	Cr-Mo; Cr-Mo + stainless steel surfacing; carbon and low alloyed steels; carbon and low alloyed steel + stainless steel surfacing; stainless steel	Thickness = max 200 mm; Diameter = max 5 m; Length = max 60 m; Weight = max 200 t.



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Manufactured equipment

Heat Exchangers

Process (equipment)	Material (Import/Russian)	Weight-size parameters
High pressure heat exchangers (max 21 MPa); Raw material heat exchangers; Reboilers; Brazen plate heat exchangers; Shell and tube heat exchangers according to individual projects	Cr-Mo; Cr-Mo + stainless steel surfacing; carbon and low alloyed steels; carbon and low alloyed steel + stainless steel surfacing; stainless steel	Pressure = max 21 MPa; Temperature = - 196 + 850 °C; Thickness = max 200 mm; Diameter = max 2 m; Length = 12 m



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Manufactured equipment

AIR COOLING EQUIPMENT

Process (equipment)	Material (Import/Russian)
<p>Air cooling apparatus max16 MPa (ТУ 3612-127-00220302-2007) ABГ, 2ABГ, ABГ-B, 1ABГ-BBП, 2ABГ-75, 2ABГ-100, 1ABГ-160, ABГ-160Г, ABГ-БМ, AB3, 1AB3, AB3-Д, 2AB3-Д, ABM, ABM-B, ABM-Г, ABOГ-1, ABД (ABГ, ABД, ABM, AB3) Air cooling apparatus block-modular construction ABГ-КБ (ТУ 3681-134-00220302-2007)</p>	<p>Cr-Mo; Cr-Mo + stainless steel surfacing; carbon and low alloyed steels; carbon and low alloyed steel + stainless steel surfacing; stainless steel</p>



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Manufactured equipment

BLOCK-MODULAR EQUIPMENT

Process (equipment)	Material (Import/Russian)
Low-temperature separator units Condensation separation units Scrubbers Gas treatment units Buffer vessel units	Cr-Mo; Cr-Mo + stainless steel surfacing; carbon and low alloyed steels; carbon and low alloyed steel + stainless steel surfacing; stainless steel



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Manufactured equipment

BLOCK-MODULAR EQUIPMENT



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Manufactured equipment

CAPACITIVE EQUIPMENT

Process (equipment)	Material (Import/Russian)
Horizontal and vertical welded vessels; Steel tanks; Deaerators; Gas separators mesh; Filters liquid mesh; Receivers; Vessels underground drainage; Settling vessels; Pressure vessels with mixing devices; Electrical dehydrators	Cr-Mo; Cr-Mo + stainless steel surfacing; carbon and low alloyed steels; carbon and low alloyed steel + stainless steel surfacing; stainless steel



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Manufactured equipment

EQUIPMENT FOR PIPELINES

Process (equipment)	Material (Import/Russian)
<p>Units launching and receiving cleaning agents and diagnostics in modular design (ТУ 3689-126-00217389-2009) КЗ, КП, БКП, БКЗ, УЗПЗ, УЗПП, I-УПП, II -УПП, III –УПП</p> <p>Filters dirt traps horizontal (ТУ 3683-144-00217389-2011)</p> <p>Filters dirt traps vertical (ТУ 3683-017-00217389-97)</p>	carbon and low alloyed steels



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Manufactured equipment

PUMP EQUIPMENT

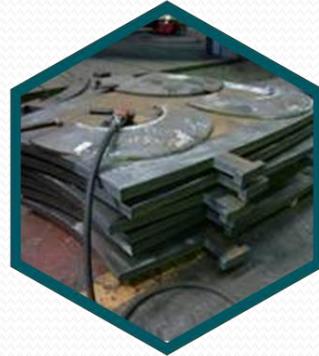
Process (equipment)	Material (Import/Russian)
<p>Units electropump centrifugal multistage artesian type 12HA and pumps artesian centrifugal multistage type 12HA (TY 3631-055-00217389-2002)</p> <p>Units electropump centrifugal multistage sectional types ЦНСА, ЦНСГА, ЦНСМА and pumps multistage centrifugal sectional types ЦНС, ЦНСГ, ЦНСМ (TY 3631-003-00217389-96)</p> <p>Units electropump centrifugal multistage sectional type ЦНСАН и pumps multistage centrifugal sectional type ЦНСН (TY 3631-005-00217389-96)</p> <p>Units electropump the semi-submersible types HB (TY 3631-008-00217389-97) and HB-M (TY 3631-114-00217389-2007)</p>	carbon and low alloyed steels, cast iron, stainless steel



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Control at all stages of production



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LABORATORY

Central factory laboratory

The Central factory laboratory has material and resource base for a wide range of testing and research under the receiving control of materials and in the manufacture of products.

The Central factory laboratory includes the following laboratories:

Mechanical-metallographic laboratory

- metallographic studies of the structure of materials;
- testing of mechanical properties metallic materials tensile, flattening, on the hand, the impact strength, intergranular corrosion, hardness;
- steeloscope welds;
- paint coatings research.

Chemical analysis laboratory

- chemical analysis of irons, steels, ferro-alloys and other raw materials, electroplating baths;
- study coolants.

Sanitary-industrial laboratory

- laboratory studies of workplace air, wastewater and surface water;
- instrumental measurements of physical factors at workplaces and in industrial premises

NDE laboratory

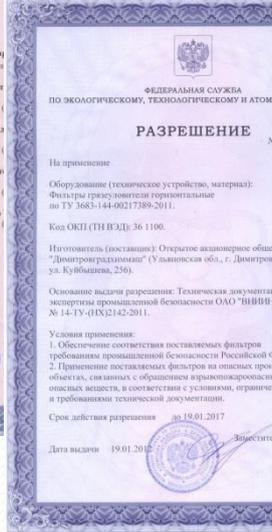
- visual-measuring control;
- radiographical control;
- ultrasonic control;
- capillary control



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CERTIFICATES



ISO 9001
BUREAU VERITAS
Certification



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JSC Dimitrovgradhimmash

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