



# DREDGERS FACTORY VVV-SPETSTEKHNIKA



**2006** — since 2006 operate in Ukraine.  
**2021** — more than 80 vessels worldwide

## ABOUT COMPANY

VVV-SPETSTEKHNIKA is suction dredgers factory with own registered brand HCC.

The main specialization of the enterprise is production and sale of dredgers HCC brands, as well as repair, reconstruction dredgers other brands. Additionally company produces hardware to dredgers - slurry pipeline, pressure-suction hoses, cutter heads and other.

In the staff of enterprise are employees with higher technical education and years of experience only.

**OUR VISION:** *the creation of products that the most satisfying customer requirements for acceptable price.*

## DREDGERS HCC

Today, model range of dredgers is presented in **11** major series of **64** modifications that allows offer to our customers the most satisfying dredgers to their needs and objectives. At the same time possible to develop a special project and production of equipment considering industry of the customer's enterprise.

Dredgers HCC have different productivity – from 15 m<sup>3</sup> per hour to 650 m<sup>3</sup> per hour of the soil, depth of the development from 0,5 to 5...22 meters from water surface.

### MODEL RANGE OF HCC DREDGERS

Line	Productivity by pulp, m <sup>3</sup> /h	Pump diameter in inches	Total Installed power	Digging Depth max
HCC 100/30	100 m <sup>3</sup> /h	7"/6"	50 KW - 105 KW	5 m
HCC 160/30	160 m <sup>3</sup> /h	7"/6"	70 KW - 170 KW	7 m, 14 m
HCC 250/40	250 m <sup>3</sup> /h	8"/6"	75 KW - 175 KW	7 m, 14 m
HCC 300/40	300 m <sup>3</sup> /h	8"/6"	80 KW – 175 KW	7 m, 14 m
HCC 400/20	400 m <sup>3</sup> /h	8"/6"	170 KW – 220 KW	8 m, 15 m
HCC 800/40	800 m <sup>3</sup> /h	10"/8"	275 KW – 350 KW	8 m, 15 m
HCC 1600/32	1600 m <sup>3</sup> /h	12"/12"	275 KW – 400 KW	8 m, 15 m
HCC 2000/30	2000 m <sup>3</sup> /h	16"/14"	550 KW- 700 KW	8 m, 15 m, 20 m
HCC 4000/71	4000 m <sup>3</sup> /h	18"/16"	800 KW- 1100 KW	8 m, 15 m, 20 m
HCC 6000/60	6000 m <sup>3</sup> /h	20"/18"	1000 KW - 1200 KW	8 m, 15 m, 20 m
HCC 12000/60	12000 m <sup>3</sup> /h	22"/20"	2000 KW- 2400 KW	8 m, 15 m, 20 m

The characteristics of the series indicate the main parameters and boundary values.

The technical description of each specific dredger model contains complete information and is offered based on customer requirements.

Suction dredge HCC **GOLD series** are designed for extraction of **gold** from the bottom of water bodies

HCC dredgers are fully controlled from the operating cabin, equipped with a modern panel and the necessary tools.

Depending on customer requirements, dredges HCC can be produced with:

- Electric or diesel engine.
- Cutter ripper (crown, horizontal and other type) or hydraulic washing-out (jet);
- Rope or pile movement;
- The living area for the dredger's crew;
- Electrical or mechanical crane-manipulator;
- Additional tanks for diesel fuel;
- Optional accessories (air conditioning, heater, echo sounder, surveillance camera, etc.).

All equipment is manufactured in accordance with generally accepted international standards for the construction of hull structures and marine equipment.



The dredger is supplied with the necessary documents: passports for dredger and parts, instructions for operating and installation, drawings and wiring diagrams.

Warranty services of dredgers - 1 year.

Spare parts for earthmoving equipment are also available in stock.

HCC dredges have **a collapsible design** and can be delivered to any country worldwide by land or by sea.

During the activity VVV-SPETSTEKHNIKA supplied equipment to such countries as Hungary, Lithuania, Latvia, Russia, Belarus, Kazakhstan, Uzbekistan, Tajikistan, Nigeria, DR Congo, Rwanda, Cote d'Ivoire, France, Belgium, Turkey, Martinique.



## AFTER SALES SUPPORT

After production each dredge, the company's specialists assemble the equipment at the customer premises, conduct commissioning, briefing to representatives of the customer working on the dredger to the correct operation of the equipment, compliance with technological standards and to maximize the dredging effect.

In addition, the customer at any time can contact us, to get expert advice about post-warranty service of the dredger.





*Dredger HCC 2000/63-GR, Ukraine*

## **BENEFITS OF HYDRAULIC DREDGERS HCC**

Hydraulic dredgers HCC are economical in consumption of fuel and lubrication materials and/ or electric power.

Each dredger has modern and convenience system of units control.

Pontoons of our production have a shallow draft, providing work in shallow water.

Suction dredge HCC brand successfully in different climatic conditions, in an aggressive aquatic environment, as well as with highly abrasive soils.



*Dredger HCC 1200/40-F-E, Ukraine*



*Dredger HCC 1600/25, DR Kongo*



*Dredger HCC 800/40, Kazakhstan*



*Dredger HCC 800/40, Martinique*



*Dredger HCC 250/40-F, Tajikistan*



*Dredger HCC 160/30-GR, Russia*



*Dredger HCC 400/20-F, Ukraine*



*Dredger HCC 400/0-F-GR, Ukraine*



*Dredger HCC 800/40-F-GR Latvia*



*Dredger HCC 2000/63-GR, Belarus*



*Dredger HCC 400/20-K-F, Rwanda*



*Dredger HCC 400/20-F, Cote d'Ivoire*



*Dredger HCC 2000/30-K-F, Nigeria*



*Dredger HCC 2000/63-K-F, Nigeria*



*Dredger HCC 400/20-F-GR, Ukraine*



*Dredger HCC 800/40-K-F, Hungary*



*Dredger HCC 800/40-K-F, Hungary*



*Dredger HCC 400/20-F-GR, Ukraine*

## OPTIONAL EQUIPMENT

The company also produces:

- Floating and coastal pipeline for dredgers
- Booster station
- Boats for dredgers
- Pontoons
- Special equipment on request of the customer



## CERTIFICATION AND REGULATORY FRAMEWORK

The company has a certificate of compliance with the requirements of the enterprise of the Shipping Register of Ukraine № SVP 32-3-11-10. Also, the company has implemented a quality management system ISO 9001:2008 for the construction, refurbishment, modernization and repair of ships, hull structures, marine equipment and dredgers shells (N 31-351-12, from 30.08.2012).



Brand HCC registered 25.01.2013

Dredgers are made on the basis of HCC projects 60-2000/23,3-67 .00.00.00.00 developed by specialists of the enterprise, as well as the "General specifications for engineering products" (OST 36-085086), "Rules for Classification and Construction of Inland Navigation Vessels" river Register of Ukraine ", " regulations for Electrical, " " Sanitary Rules for inland Navigation Vessels ", " Uniform Rules for safety in the development of mineral deposits open method "PB03-498-02.

## AWARDS & ACHIEVEMENTS

- 07.06.2012 - "VJV-SPETSTEKHNIKA" included in the Register of Ukrainian enterprises, financial condition proves their reliability as a partner in the business in Ukraine and abroad, № 65-5.
- **"Industry Leader 2012"** - According to the results of a unified national rating program leaders determine the real economy, "National Business Rating" and on the basis of official data of Statistics of Ukraine;
- **"Enterprise of the Year 2012"** - According to the results of the International Economic Rating "LIGA of the Best," according to the official data of Statistics of Ukraine (on system European Rating Standard) took second place in Ukraine among the companies involved in the construction, modernization and repair of ships.
- **"Industry Leader 2014"** - According to the results of a unified national rating program leaders determine the real economy, "National Business Rating" and on the basis of official data of Statistics of Ukraine;
- **"Industry Leader 2015"** - According to the results of a unified national rating program leaders determine the real economy, "National Business Rating" and on the basis of official data of Statistics of Ukraine;
- **"Production Leader of 2016"** and the company was awarded a medal. The first place among enterprises on KVED 30.11 (Shipbuilding);
- **"Enterprise of the Year 2017"** and the enterprise was awarded a medal;
- **"Enterprise worthy of trust"** - 10/05/2017;
- **"Choice of Ukraine 2018"** and the enterprise was awarded a medal;
- **"Choice of Ukraine 2019"** and the company was awarded a medal;
- **"Industry Leader 2020"**, 10.10.2020 received a national certificate;
- **"Enterprise of the Year 2020"**, 05.10.2020 received a national certificate;
- **"Industry Leader 2021"**, 15.10.2021 received a national certificate;
- **"The best enterprise in Ukraine 2021"** 10.25.2021 received a national certificate

A complete list of awards and achievements of the VJV-SPETSTEKHNIKA, as well as official customer reviews, are presented on the company's website: [www.zemsnaryad.in.ua](http://www.zemsnaryad.in.ua)



For the correct selection of the necessary equipment, the questionnaire is presented on the website of our company. Based on the data received, specialists of the enterprise will offer a dredger that maximally matches the tasks at the optimum price.

## QUESTIONNAIRE

Name of organization (including legal form):	
Contact details (mobile phone, fax, email, website):	
Contact Person /Post:	
City, Country:	
The object and the area where the dredge will be used:	
Category of soils developed:	
Type of dredger (diesel, electric, diesel-electric):	
Depth of development (max / min) (m):	
Maximum distance of ground transportation (m):	
Geodesic lifting the pulp from the water level (m):	
Productivity (on ground):	
The length of the floating slurry pipeline (m):	
The length of of the coastal slurry pipeline (m):	
Other requirements:	

In addition, if at the initial stage the customer is not aware of any of the technical requirements for the equipment, it is enough to contact our specialists and describe the characteristics of the dredging project and / or the planned scope of work.

Therefore, if you have any questions related to the acquisition of the dredger, as well as repair or modernization - contact us!

## CONTACT INFORMATION:

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Always glad to long-term and mutually beneficial cooperation!