

HID DREDGER

DREDGE THE WORLD

CUTTER SUCTION DREDGERS

DREDGING, RECLAMATION AND MARITIME INFRASTRUCTURE



HID FIND US

SHANDONG HAOHAI DREDGING EQUIPMENT CO., LTD

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 HID DREDGERS & MARINE EQUIPMENT

 HID Dredgers & Marine Equipment

 HID Dredgers & Marine Equipment

 [hid_shipyard](#) [hid_dredgers](#)

 Dredging Today



COMPANY PROFILE



6 large dredge building workshops, ensure efficient production and on-time delivery



Own 1200m² Large Product Testing Pool, to ensure 0 product defects

- 33+ years dredge building workmanship and experiences
- Assisted 600+ global projects by providing quality dredges and sustainable services
- Exported to 80+ countries and regions
- Own 6 large dredge building workshops
- Acquired 36 product innovation patents
- 25+ seniors engineers and 200+ manufacturers with more than 10 years of experiences.

Shandong Haohai Dredging Equipment Co., Ltd known as HID Dredger, is a family owned enterprise, is the oldest leading dredger manufacturer in China since 1987. Our company covers an area of nearly 100,000 square meters.

With over 30+ years of dredger manufacturer workmanship and regions, we have in-depth knowledge and expertise of engineering and manufacturing high-performance integrated vessels and equipment and providing sustainable services, proves that HID Dredger is a true leading professional & innovative dredger manufacturer and supplier.

Our Mission is to be the Solution Provider to the Global Ecological Dredging and Provide Customer the Best Suitable Equipment for Their Dredging Works all around the world. We have in total of 6 large manufacturing workshops and over 200 senior designers, engineers, and manufacturers to enable large production and efficient productivity. The major breakthrough products we have researched and produced are - Cutter suction dredger, Amphibious Multipurpose Dredger (Pioneer product in China), Tin Ore Suction Dredger, Logistic Barges, Hopper Dredgers, Environmentally Friendly Dredger, Sludge Solidification Equipment, Salt Mining Equipment, and other equipment series.

From our head office in China, Shandong Province, and with more than 200 service employees working from sites, product presence in 80+ countries and regions, we are able to ensure a local presence and support on every continent.



HONORARY TITLE

- Pioneer in China's Dredging Industry
- President of Shandong Dredging Association
- Top 10 Charismatic Leaders in the Dredging Industry
- Founder and Chairman of HID Dredger
- 33 Year's experience in Dredger Manufacture and Application Field since 1987.
- Leading Company Products Exportation to more than 40 countries

MESSAGE FROM THE CHAIRMAN

”

Today, HID has become a global dredging equipment brand. Since 1987, I have started to research and innovate dredgers, all started with one question: "how to extract sand from the rivers?", then in 1992, the 1st set of sand mining machine was produced, with the following years, we have researched and innovated more than 10 series of dredging equipment such as Cutter Suction Dredgers, Sand Mining Dredgers, Amphibious Machine, Sludge Solidification Equipment, Logistic Barges, Jet Suction Dredgers and more and gained 36 patents. Our brand is known as the pioneer in China's dredging industry.

With the past 33 years product and technology development, and many more years to come, we have and will always focused on product quality and services. My effort in China's manufacturing industry will further change the perceptions of Made in China. I am determined to take up the main force of the manufacturing industry to deliver quality Chinese dredging equipment to the whole world and build a 100-year enterprise.

Wang Yong Sheng



CORE VALUES

- Honesty and Commitment
- Respect & Obey the Laws of the Universe
- Hard Working Spirit
- Self-Breakthrough
- Win-Win Cooperation



BUSINESS PHILOSOPHY

- Transform with Innovation
- Technology is the Future
- Gather talents with Integrity
- Build an Century Enterprise



MISSION STATEMENT

Return the Blue Sky to the World, with our Dredge Building Profession.



ENTERPRISE VISION

Be a World-Class Builder of Dredging Vessels.



BRAND POSITIONING

Global One-Stop Supplier of Ecological Dredging Systems

- Product Customization
- Solution Design
- Future Creation



BEHAVIOR GUIDELINES

Act as an Enterprise Owner and Think as a Customer.

CERTIFICATIONS

Enterprise Credit AAA Evaluation Audited Supplier
ISO 9001: 2015 Quality Management System
ISO 14001:2015 Environmental Management System
ISO 45001: 2018 Occupational Health and Safety Management
CCS Welders' s Qualification Certificate
Evaluation Report of Shipyard Production Capacity



船厂生产能力评估报告 EVALUATION REPORT OF SHIPYARD PRODUCTION CAPACITY

评估报告编号/No.: CCS/QD-JS-0321013

为了促进地方船厂高质量发展，结合行业特点并参考《船舶生产企业生产条件基本要求及评价方法》(CB/T 3000-2019) 和中国船级社船厂评估通函文件 (2014 年第 50 号总第 534 号)，经企业申请，对地方船厂进行了评估。

经综合评估，船舶生产企业

山东浩海疏浚装备有限公司

Shandong Haohai Dredging Equipment Co., Ltd.

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通过 二级三类 船厂生产能力评估，特此给予证明。

In order to promote the high-quality development of local shipyards, combining with industry characteristics and Referring to "Basic requirements and evaluation methods for production conditions of shipbuilding enterprise" (CB / T 3000-2019) and the circular documents for shipyard evaluation of China Classification Society (2014 No. 50 Total No. 534), after the application of the enterprise, the local shipyards was evaluated.

After comprehensive evaluation, this is to certify that shipbuilding enterprise has passed the evaluation of shipyard production capacity- Class III, Grade Two.

评估报告有效期至

2024 年 7 月 30 日

This Evaluation report is valid until

July 30th, 2024

评估单位 中国船级社实业公司青岛分公司

Evaluated by Qingdao Branch of China Classification Society Industrial Corporation

评估日期

2021 年 7 月 31 日

Date

July 31th, 2021

CLIENT VISIT



Each year, we have attracted global clients to HID shipyard, for business collaborations, contract sign ceremonies, factory visiting, dredge master trainings and dredge inspections, here are some of our clients from Netherland, Bangladesh, Turkey, Nigeria, Egypt, Italy, Malaysia.



EXAMPLE DREDGING CASES

Indonesia 2017 Tin Ore Mining



Maldives 2014 Land Reclamation



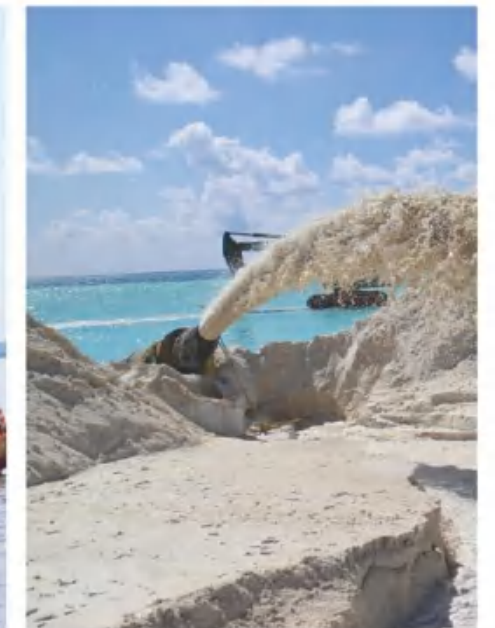
Bangladesh 2017 Sand Mining



Malaysia 2020 Port maintenance



Maldives 2015 Resort Development



EXAMPLE DREDGING CASES

Columbia 2022 Amphibious Mining



U.S 2014 Port Cleaning



Abu Dhabi 2023 Sea Shore Mining



Nigeria 1993 Lake Desilting



Uganda 1996 Gold Mining



Turkey 2012 Port Development



Suya Lake 2019 Anchor, Pipeline Transportation



Egypt 2019 Canal Dredging



EXAMPLE DREDGING CASES

Abu Dhabi 2020 Army Port Construction



Egypt 2021 Lake Expansion



Abu Dhabi 2020 Army Port Development



Malaysia 2018 Sand Mining & Washing



Uruguay 2019 Crane Barge Bridge Building



Philippines 2020 Port Construction Development



Kazakhstan 2017 Amphibious Shallow Water Mining



INTRODUCTION OF CSDs

With the rising challenges to the dredging industry, we provide integrated solutions to different types of projects worldwide.



MARKET SEGMENTS

- Land reclamation
- Capital dredging
- Port development and maintenance
- Sand and gravel mining
- Navigation channels restoration
- Beach reclamation
- Environmental dredging
- Lakes and reservoirs dredging

HID cutter suction dredgers have wide range of applications, suitable for dredging sand, clay, mud, and coastal deposits in sea, rivers, lakes, reservoirs and dams.

The dredging models that we design, customize, and build are ranging from:

- Dredging depth: 1m -1000m (underwater)
- Output: 500 m³/h -10000m³/h
- Discharge Distance: 100m-5000m



PRODUCT ADVANTAGE

Available in stock

Our in-stock dredgers are standardized design, available from 5522 model and below. These models can be delivered from stock with shorter delivery times for the clients in urgent need, they match to customers' requirements for many applications and can add optional devices.

Custom built

The custom-built dredges are designed to meet specific requirements according to client's unique dredging works. For every challenge there is a solution we can design and optimize product efficiency for the particular jobs.

Lifetime technical support

We deeply understand the dredge that our clients select is extremely important to them, in terms of building quality and after sales services. It is our ultimate goal to ensure dredge running efficiently at all times, our 24/7 follow up systems has been appraised by global clients.

Dismountable

Our CSD models 4016 and below can support containers shipping, above models can also be dismantled, shipping in bulk and support road transportation.

Long service life

Constructed by certified engineers and builders, sophisticated craftsmanship proves our CSDs has an average service life of 7 years. Some of our dredges are running up to 10 years due to care maintenance works.

Reliable and efficient

Though there are different quality level materials in the market, our promise is that we only use the best materials such as high manganese seamless steel plates, CCS certified marine plates, certified brand European engine, pump, cutter motors, hydraulic systems and others. HID CSDs are highly efficient and reliable.

Operation Automation

PLC siemens operation systems support the dredge masters to operate easy and efficiently.

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HID-CSD-7525

Sea Hard Strata/Gravel/Coral Dredging in UAE, Maldives, Saudi Arabia

"From manufacturing to delivering, HID provides 24/7 follow up system, we feel very relaxed and ensured by the constant progress notes, HID fulfill the promises of delivery on time which helped us to catch our dredging project in a timely manner." Al Dafra, UAE

OVERVIEW

This set of large capacity CSD will be used for hard materials dredging such as harsh sand, gravels, in Abu Dhabi. The cutter head power is 700KW. Equipped with DGPS system to monitor and prospect the under-water dredging areas.

The maximum navigation area of this dredger is near sea navigation area, which is used for dredging and reclamation of coastal, port and inland waters, navigation and water conservancy engineering construction as well as dredging of lakes.

PARAMETERS

- Flow capacity:7000m³/H
- Dredging depth:15-30m, customized
- Discharge distance:3000m
- Discharge diameter:750mm
- Main engines:2900KW
- Cutter Power:700KW
- Pump quantity:2 Units
- Hydraulic system:Denison (Parker) / Vickers
- Dredging materials:Hard Strata Soil, Gravels, Coral Reefs



The dredger developed with innovative technology, according to the standard of China ZC classification society. Manufactured with best Materials in the market and came out of the hands of our experienced welders which they , equipped with dual engine, underwater pump, with designed dredging depth of 15-30m depends on the actual needs of the project. The dredge vessel fitted out with anchor .

Before this we have delivered 2 units of the sister vessels HID 6024CSD. The repeat order confirms the satisfaction expressed by our UAE client about the construction of the sister vessel and their performance. This is a great step towards our ambition to track record in designing and manufacturing world-class dredging vessels and equipment.

HID-CSD-6024

model cutter suction dredger working on Asia' s largest artificial lake

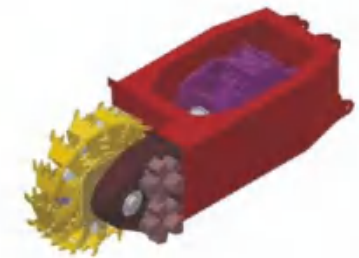
"We have purchased dredges from 5 different brands in China to restore navigation channels of Asia' s largest artificial lake - "Suya", as shown on our daily performance report, HID dredges are outperforming other dredges by shows the highest output data and longest working hours. We will continue work with HID for the upcoming dredging projects" - China Railway Group

PARAMETERS

- Discharge distance:4000M
- Flow capacity:5500-6000m³/h
- Dredging depth:18m
- Main engine:1864KW Cummins
- Hydraulic System:Dension(Parker) /Vickers
- Operation system:PLC Siemens
- Dredging materials:mud, coarse sand



Cummins engine



Bucket Head



Cutter Head

On November 2, 2019, HID-CSD-6024 model 5500m³/h High-Quality Cutter Suction Dredger named "SHAOSHAN #1" successfully launched into the Suya Lake which is the Largest Artificial Lake in Asia. Since then, China Railway Group contracted to build the Suya lake dredging and expansion project ushered in the spectacular scenery of 5 sets of HID cutter suction dredgers working at the same time. Marked the lake desilting and capacity expansion work in an all-round way.

It is the largest plain artificial lake in Asia. The water storage area is 239 square kilometers, with open and pleasant scenery. Known as the "North Dongting" reputation. Suya lake was built in 1958

and rebuilt in 1989. For a long time, a large number deposition accumulation caused the reservoir to serious siltation, the function gradually weakened.

Five HID cutter suction dredgers are currently in operation, which is at the domestic leading level. The daily dredging capacity reaches 60,000 cubic meters. Expected by the end of the year, three pre-fabricated cutter suction dredgers will be added. By then, the daily dredging capacity of the project will reach 90,000 cubic meters. After completion of the project, the water self-purification function will be significantly improved to control the Huai river flood, flood control and disaster reduction play an important role.



Multipurpose workboat



Booster Station



Large Floating Pontoon



HID-CSD-5522 ZT

Model Cutter Suction Dredger
Dredging in Sharjah, Egypt, and the
Maldives for Land Reclamation,
River Dredging



This HID-CSD-5522ZT CSD dredger is used in Niyama resort, the Maldives for the construction of the airfield project. The construction period is 1 year, and the project was completed on time. HID Cutter Suction Dredger is responsible for pumping sand from the sea and reclaiming to make land. It works 16 hours a day, works in 2 groups of people, and replaces work every 8 hours. The construction of the airport project was completed on schedule and was highly praised by customers and local leaders. It also opened the market for the successful sale of Chinese dredgers to the Maldives.

These 5522ZT models are working in more than 70 countries and regions including India, Indonesia, Dubai, Malaysia, Bangladesh, Nigeria, Maldives and more.

With the recent rise demand in Egypt dredging, a few sets of our high end cutter suction dredger has been ordered and finished manufacturing, we look forward to start dredging in Egypt. With our service stations in Egypt, on-time after sales services has win our Egyptian client's heart.

PARAMETERS

- Flow capacity: 4000-4500m³/h
- Dredging depth: 15-30m
- Discharge distance: 2000M
- Discharge diameter: 550mm
- Main engine: 1193KW-1342KW Cummins
- Hydraulic System: Dension (Parker) / Vickers
- Operation system: PLC Siemens
- Dredging materials: sand/mud/rocks/coral reefs



HID-CSD-5020

Model Cutter Suction Dredger
Dredging in Bangladesh



PARAMETERS

3 sets of high quality 5020 model delivered to Bangladesh in 2020, our client is using them in Padma River to conduct sand mining and land reclamations in order to create land for the exclusive economic zone of Chittagong District, Bangladesh.

In order to attract foreign investment and promote the development of Bangladesh's domestic economy, Bangladesh has planned economic zones in Chittagong District, mostly along beaches and sandy lands. There is an urgent need for a large number of dredgers to carry out sand filling and land leveling.

As early as 2015, we have established our sales and service stations in Dhaka, Bangladesh. We are continuously putting the effort in assisting Bangladesh infrastructure development for the years to come.

PARAMETERS

- Flow capacity: 3500-4000m³/h
- Dredging depth: 15m
- Discharge distance: 1500M
- Discharge diameter: 550mm
- Main engine: 895KW-1193KW Cummins
- Hydraulic System: Dension (Parker) / Vickers
- Operation system: PLC Siemens
- Dredging materials: Sand

HID-CSD-4518

Model Cutter Suction Dredger River Sand Mining in Malaysia



In addition to the CSD, we also equipped with sand washing machine connected with the dredger to form an integrated solution where the outcoming sand is ready to be in the market.

Dredging for sand in quite a lot of countries such as Malaysia, Nigeria for sand selling and supply the construction industry is becoming increasingly important. All of our cutter suction dredgers are suitable for sand mining, the difference is in its capacity, in this case, our client was satisfied with 3000m³/h capacity, with the daily working time of 10 hours, daily solid sand production is 6000m³/H.

PARAMETERS

- flow capacity:3000m³/h
- dredging depth:15m
- discharge distance:1500M
- discharge diameter:450mm
- main engine:895KW Cummins
- Hydraulic System:Dension (Parker) /Vickers
- Operation system:PLC Siemens
- dredging materials:Sand



The rising global population means there will be greater demand for safe, economic and sustainable logistics over the coming decades. The maintenance of ports, canals and water ways is there for an important activity for HID and its customers. As sufficient port capacity is vital for economic growth, the maintenance of ports and their approaches must provide a constant navigable water depth. The maintenance of the water depth also helps to protect river valleys from flooding.

The customer purchased the dredger for Davao port desilting and expansion of his own container terminal and has plans to further develop the local desilting market.

PRODUCT ADVANTAGE

In consideration of cost and safe delivery, we maximize the use of containers to send products to the customer. For this reason, we have made corresponding improvement to the product design and production scheme, so that most parts can meet the requirements of container transportation. For example, the floating body is usually in two sections, but the product adopts the design of three sections; the traditional cab size cannot be loaded into the container, so we specially ordered the cab with detachable eaves.

"The services that HID company provided to us is beyond imagination, their service team supported us in the way that we are very relaxed, and the assembled dredger is a masterpiece in terms of operation and efficiency, our dredge masters are very happy with their training program as well."
— DICT



PARAMETERS

- Flow capacity:2200m³/h
- Dredging depth:15m
- Discharge distance:1500M
- Discharge diameter:400mm
- Main engine:721KW Cummins
- Hydraulic System:Dension (Parker) /Vickers
- Operation system:PLC Siemens
- Dredging materials:Sand, Mud

HID-CSD-4016

Model Cutter Suction Dredger Port development and maintenance in Philippines



HID-CSD-3012

Model Cutter Suction Dredger Sea Sand Dredging in Abu Dhabi

2510 model is used for sand and mud dredging in small lakes, rivers and channels. In terms of power system, can use hydraulic power system or electrical power system. It is also considered an environmental protection dredger which saves water pollution caused by the hydraulic oil system.

The dredger is very portable which can be lift down to the river by one crane, easy launching and maintenance.

This set of cutter suction dredger can be packed into 6 containers for container shipping, whole dredger is dismountable and suitable for railway, road transportation.

PARAMETERS

- Flow capacity:1400m³/h
- Dredging depth:10m
- Discharge distance:1000M
- Discharge diameter:300mm
- Main engine:447KW Cummins
- Hydraulic System:Dension (Parker) /Vickers
- Operation system:PLC Siemens
- Dredging materials:Sand, Mud

HID-CSD-2510

Model Cutter Suction Dredger Port development and maintenance in Philippines



This dredger is designed and built according to the enterprise standard of China ZC classification society. Whole hull constructed with best material including CCS marine plate and seamless high manganese steel pipe structure. Equipped with patented cutter head. A bright engine room with conditioning and adjustable seats designed for dredger operator.

The dredger dredging pump water flow with 1200-1500m³/h, discharge distance reach 1000m, dredging depth range of 8-10m.

This Dredger is used for sand mining in Sea areas and can also be used for a wide range of dredging projects. Such as port maintenance, land reclamation, lakes and reservoirs dredging, environmental dredging, sand mining and more.

The whole ship is a dismountable, all components can be packed in 3 containers for transportation by road, railway and shipping, save your freight costs.

Successfully presence in 80+ countries and regions, won many clients' praise and appreciation.

PARAMETERS

- Flow capacity:900m³/h
- Dredging depth:6m
- Discharge distance:1000M
- Discharge diameter:250mm
- Main engine:298KW Cummins
- Hydraulic System:Dension (Parker) /Vickers
- Operation system:PLC Siemens
- Dredging materials:Sand, Mud



HID-CE-200

Model Amphibious Multipurpose Dredger for Kazakhstan Lake Dredging One Machine, All Applications



PARAMETERS

- Flow Capacity: 600m³/H
- Dredging Depth: 6.5M
- Discharge Distance: 1500M
- Hydraulics: German Rexroth
- Cummins Main Engine: 194KW/2000RPM
- Trailer transport length (without boom): 12m
- Transport length (with boom): 16m
- Attachments: 5 changeable attachments

HID Clay Emperor is the amphibious multipurpose solution for all shallow water works. Its capabilities include Cutter Suction Dredging, Backhoe dredging, Weed Raking, Hammering, and Pilling.

This machine is master for shallow water dredging which can be transported on a standard trailer support railway and road transportation, unload and walk independently into water without crane assistance.

The dredger has its own propulsion system, four stabilizers and a flexible excavator arm for moving, anchoring and operating in water is also quick and independent.

Clay Emperor's smart work process maximizes productive work time and minimizes the need for repositioning and manual servicing.

HID Amphibious Dredger have proved highly successful in shallow water dredging in 15 countries for mining and excavating works.



HID-JP-600

Model Jack Up Offshore Work Platform for Red sea Subsea Pipeline Trench Excavation Project

The Jack Up Platform is used for dredging and digging trenches on the seabed of offshore waters, and the excavated trenches are used for laying submarine fresh-water transmission pipelines.

The Jack-up has many advantages which includes flexible modeling structure, convenient disassembly and assembly process, flexible transportation mode, simple operation, reliable performance, short construction period and low construction cost.

It has set a benchmark for the construction and development of similar products in China, especially in the improvement of the spuds lifting system of the platform and has made a major breakthrough. The improvement of the lifting system not only effectively reduces the construction cost, but also makes the working performance more reliable.

The use of this platform has enabled the "Seaworks" company to save nearly 70% of the investment cost compared with the traditional construction process and shorten the construction time by nearly half.



PARAMETERS

- Total Length: 15.6m
- Pontoon Depth: 1.8m
- Breadth: 12.5m
- Spud Length: 18M
- Spuds Diameter: 720mm
- Deck Load Capacity: 12T/m²
- System: Full Hydraulics
- Shipping Method: Containers



HID-PT-300

Self-Propelled Barge for Heavy Equipment Transport in French Guiana Lake Project

This unit of logistic barge has been successfully built in accordance with the customer's needs in 70 days, and the first transport platform for the customer in French Guiana has been transported.

The barge works in an Artificial lake in Suriname. The purpose of the barge is to transport large-scale weight equipment from one side of the lake to the other and provide it to a gold mining company on the other side. The equipment is ready for use anytime.

This logistic barge is made of solid steel materials and can carry 300 tons of goods (cars, equipment, excavators, bulldozers). Front 6M ramp supports wheeled equipment to drive on the deck directly. Designed and built for customers' needs – the deck has enough area for carrying equipment. With high installation level, the six pieces are installed and connected closely and seamlessly, and the operation is excellent. This barge has been operating for 5 years, and the customer satisfaction is very high.



PARAMETERS

- Total Length:20.5m
- Pontoon Depth:1.6m
- Breadth:10m
- Engine Power:150hp/rpm*2sets
- Deck Load Capacity:250T
- Sailing Speed:5 Knots

HID-PT-500

Model Crane Barge for Uruguay Bridge Building Projects

PARAMETERS

- Total Length:28m
- Pontoon Depth:2m
- Breadth:12m
- Spud Length:27M
- Spuds Diameter:530mm
- Engine Power:50 KW
- Deck Load Capacity:250T
- System:Full Hydraulics

HID Crane Pontoon has been successfully operating in Uruguay, the purpose of the pontoon is to support and handle a Kobelco BME 800 Crane working on the deck for building a bridge in Uruguay rivers, our client Chediack Company are highly satisfied by the pontoon performance.

Let alone the performance and quality, the modular design enabled containers shipping which saved clients a great deal of shipping fees, total 15 containers were shipped.

Due to the pontoon needs to transport to different site for bridge building, 4 spuds were designed moveable by using excavator moving motors, spuds were being separated into 3 pieces with bolts connections, for the purpose of easy disassembly and assembly.

In order to support a 250 tons heavy crane, the deck plates were constructed with 23mm CCSB thick marine plates, safely supporting crane working on the deck.

HID has rich experiences in designing and manufacturing variety of different barges and pontoons for all kinds of purposes, look forward to design one of yours.





HID-XK-300

1300T Tin Ore Cutter Suction Dredger for Indonesia sea tin ore mining project

PARAMETERS

- Total Length:95m
- Pontoon Depth: 2.8m
- Breadth:17.5m
- Flow Capacity:2000m³/h
- Dredging Depth:50m
- Working Weight:1300T
- Handling capacity:700T/H



China's first large capacity dredge vessel with working weight 1300T is designed and manufactured by HID Dredging Equipment for Indonesia customers for Tin ore mining in the sea.

The Tin Ore Mining Equipment is produced under the international quality ISO9001:2015, constructed with seamless high manganese steels, CCSA marine steel plate welded, is robust and reliable.

PLC Siemens operating system with the highly integrated system composed of DGPS system to monitor and prospect the underwater dredging areas.

It integrates dredging, mining and selecting functions in one vessel. Handling capacity is 700Tper hour, modern machine parts that have anti-wearing, high-efficiency advantage.

It has been successfully delivered to Indonesian customers, which has greatly promoted the development of the offshore mining industry.

HID-DH-300

Sludge/Mud Solidification System for Dredging Discharge Pond and Ground Construction

HID National patent equipment is combined with power mixing head and solidification tanks where the curing agent to be fitted in.

The curing agent should be mixed with cement and lime powder.

The whole system is used for solidification of soft soil and the remediation of contaminated soil.

HID solidification system has widely used in China, Egypt, South America, Dubai, Saudi, Philippines, Poland, Indonesia, Russia and other areas for successful sludge treatment and solidification.

This sludge mixing equipment is one of the famous tools from our sludge solidification equipment series, it has strong double head to mix solidification powder and sludge together to faster the solidification process, the mixing equipment is connected with 36 tons excavators.



PARAMETERS

- Mixing equipment:double headed
- Mixing depth:3-7m
- Cutter speed:0-60/min
- Power tank volume:9m³
- Maximum pressure of the tank:10bar
- Feeding pipe:300mm
- Control system:PLC auto control
- Solidification power:Cement + Lime powder



ASSISTANT EQUIPMENT

Multipurpose Tugboats

Our series of multipurpose tugboats are designed to optimize the operation of our CSDs. Tugboat is used to tow the dredger, lift the pump casing and cutter, load pipelines on top of its deck for pipeline laying, fuel/water transportation, and crew changes. The tugboat series is matching with our CSD series.

Floating Dock Pontoon

Our clients locate the dock pontoon near the shore for sightseeing. The project leaders can host meetings on it and monitor the overall project operations.

Self-Sailing Barges

The loading capacity of the barge selections is ranging from 30-500Tons, sailing speed is ranging from 5-10 knots. It is used for heavy equipment transportation such as bulldozers, excavators, cars and others.

Floating Discharge Pipeline

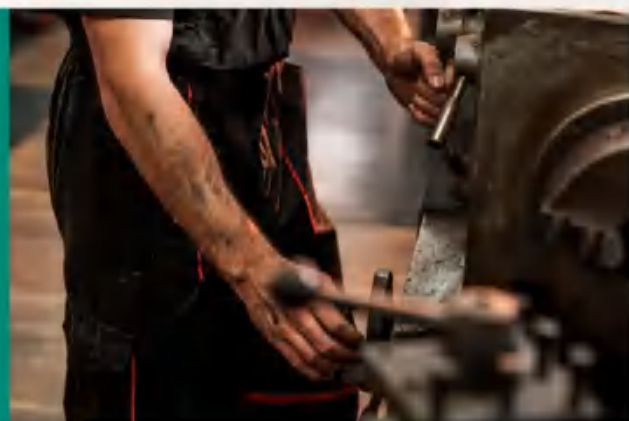
Depends on the discharge distance requirements, the discharge pipelines can choose from 100-4000Meters.



- 1 CUTTER HEAD
- 2 LADDER
- 3 PANTRY BEAM
- 4 ANCHOR BOOM
- 5 SPUDS
- 6 BOOSTER PUMP STATION
- 7 TUG BOAT
- 8 DISCHARGE PIPELINES

OUR SERVICES

We understand services are extremely important for an equipment, our goal is to ensure smooth operation for our clients and create the best value and fortune for them. Hereby we makes our After Sales Guarantee:



After sale ►

- Pre-delivery inspections and in-house testings.
- 24/7 follow up system. Anytime, Anywhere.
- For every of HID's dredging equipment delivered to customers working site, HID has full responsibilities to assign experienced and proficient workers and engineers to customers for the succession of installation and operation.
- HID workers and engineers will guide assembling process, make sure the purchased dredging equipment is operating efficiently and safely before its departure.
- HID will be providing lifetime technical service and consulting service to worldwide customers.
- HID sales and service team will be available 24/7 online, you can reach out to our global team and they will assist you to achieve the greater success.
- On-site parts are available.

HID provides high-quality services and global support. Wherever customers operate, we are there to support in improving the performance of the CSD, to further enhance the skills and knowledge needed to operate and maintain the dredger, we provide project-specific, operational and maintenance training. The aim is for dredge masters and maintenance team to put what they have learnt into practice on a daily basis and improve the overall efficiency of their dredger.

We help customers to operate their HID dredgers in an efficient manner in order to achieve optimum levels of productivity. The services we can offer allow operators to increase the uptime and improve the performance of the vessels and equipment while reducing the total costs of ownership

Services ►

Once the dredger has been delivered to the customer, our service team will arrive to the assembly site for unloading, assembly, launching, testing, and commissioning to make sure the dredger runs smoothly. We help increase uptime by providing maintenance support, repairs, and all necessary spare parts and logistics.

◀ Training

PRODUCTION

HID Shipyard following 6S Production Management Method which including Sorting, rectifying, cleaning, quality and safety. With 365 steps of production procedures, each of our product is a masterpiece at heart.





ON-TIME DELIVERY

Based on freight shipping schedule, HID tightly follow up with the transport trailers, deliver all goods to port on time to be loaded on the freight ships, each of the main parts are packaged with clothes on to avoid rain.

INSTALLATIONS

HID arrange senior assemblers to perform site services: unload product parts from the transportation, Assemble pontoons, Install cabins, chairs, operation board, detective devices, air-conditioner, Install engines, generators, pump, gearbox, noise-mute system, hydraulic system, electric system inside the dredge center pontoon, Arrange dredge deck including install winches, wires, safety barriers.





DELIVERED

HID Dredging Equipment successfully delivered to global clients, assembled, tested, ready to launch into the water for dredging works.



LAUNCHING

HID after sales service team responsible for safely launching the dredgers in good manners, after perform strict inspections of the assembled dredger, to make sure the whole dredger assembled safely before launching.



GLOBAL PRESENCE

HID services and supports an elaborate network of customers and partners all over the world, with headquarter in China, fully owned offices in the Dubai, Bangladesh, Maldives, Egypt, Argentina, Turkey, Nigeria, Malaysia, Indonesia, India and more, as well as representatives in many other countries.

