



**BVEM· Outperform to Serve**



**BVEM**

## **Company Introduction**





## BVEM · A Brand for the World

BVEM is the largest manufacturer of electric-driven vibrator equipment in Asia. As a leader of Chinese Vibro-impact industry, BVEM provide the most high quality equipment to client for vibroflotation construction throughout the world

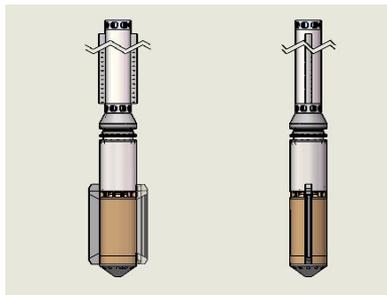




# BVEM· The originator and the driving force of industry in China



BHIDI(predecessor of company) led the research and development of the first vibrator in China and promoted application in a variety of engineering field



Vibroflotation tech. has been widely promoted as a mature method. The types and models of vibrator gradually complete, the industry standard of design & construction has been implemented



BVEM founded and created the bran-new business model (manufacture, sales,construction, service )



Developed 2020 market strategy to achieve corporate goal





## BVEM · The expert of vibro-impact technique

1.The **first one** who introduced and studied vibro compact method in China

2.The **first one** who developed application in Chinese projects

3.Has the **top experts** of vibroflotation tech.

and **experienced management team**

➤ Domestic pioneer of Vibroflotation

1.The **first one** who reserched and produced domestic vibrotors

2.The **first and only domestic one** who produce the Bottom Feed Vibrotor

3.The **first one** who produced domestic hydraulic-driven vibrator

4.**All types&models coverage**:30kw-260k

➤ Reseacher and producer of top-quality Vibrator

1.**Editor-in-cheif** of industry standards <Technical Specification of Vibroflotation Method in Hydraelectric and Water Resources Projects> (DL/T5214-2005)

2.**Editor-in chelf** of industry standrds <Electrical Deep Vibrator> (DL/T 1557-2016)

➤ The formulator of Technique & Product code

1.The **first one** who developed vibroflotation application in variety of industry(thermal power,hydraulic power, petrochemical, highway,rail, port etc.)

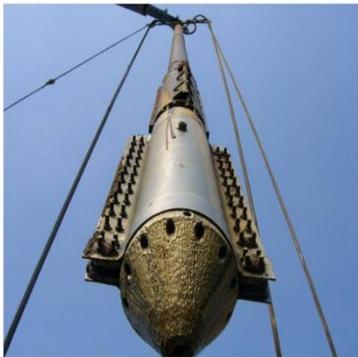
2.Cooperate with DI and support to formulate the design and construction scheme

➤ The pusher of Vibroflotation market



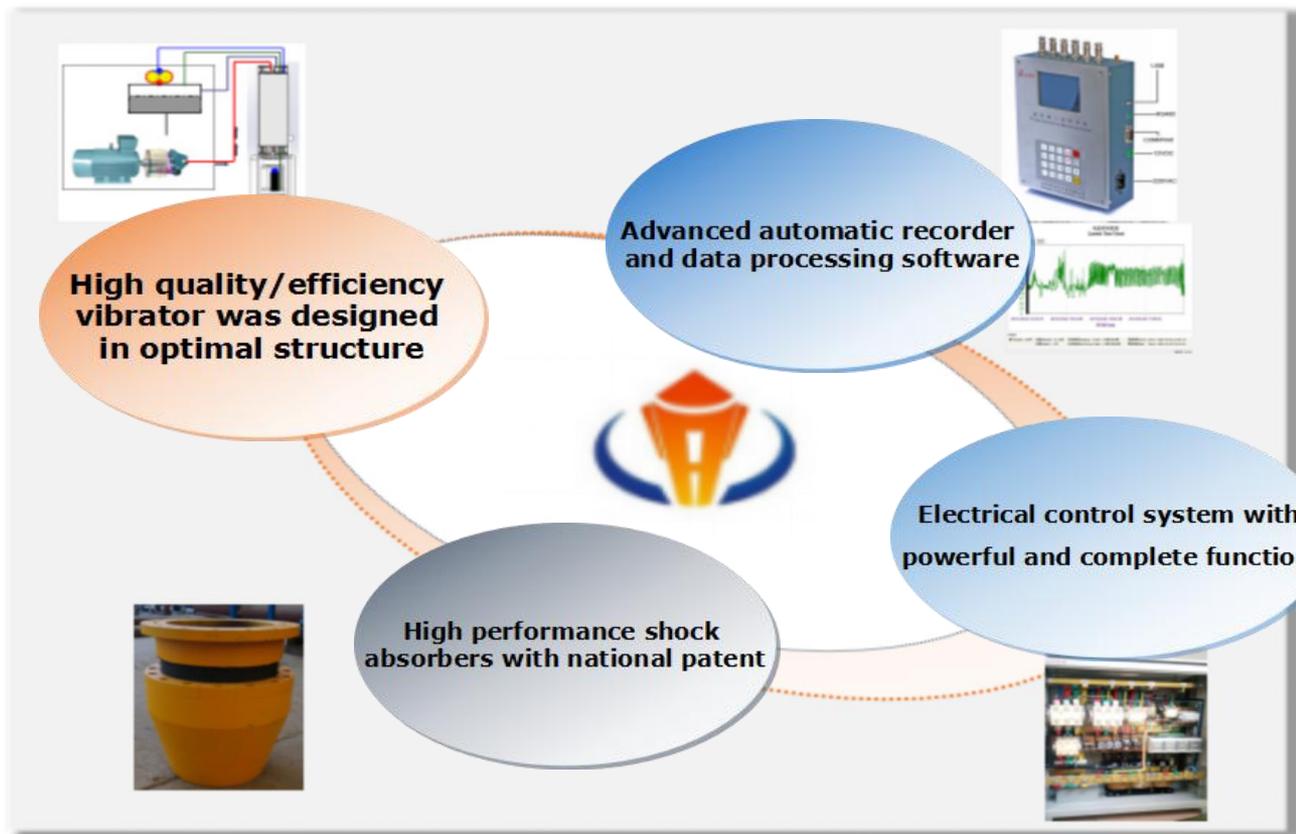
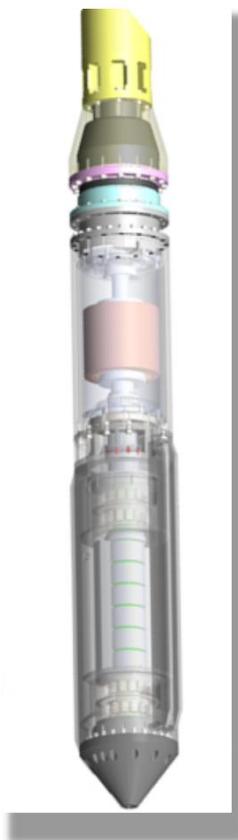
## BVEM· The top-level researcher of domestic Vibrator

- Researched and produced vibrators in power of 30KW、55KW、75KW since 1977 to 2005
- Researched and produced 150kw vibrator in 2006
- Researched and produced 180kw vibrator in 2009
- Produced Bottom Feed Vibrator with double lock pressure bunker in 2012
- Researched and produced 180kw vibrator in 2014
- Researched and produced Z125 Hydraulic-driven vibrator in 2014
- [Launched Vibrator performance testing equipment in 2014](#)





## BVEM· Domestic leader in production technology





## BVEM· The top level domestic supplier of vibrators



- Manufacturing base located in Songzhuang industrial park covers an area of 23000 m<sup>2</sup>, with 11500 m<sup>2</sup> factory building, 2000 m<sup>2</sup> office and 3300 m<sup>2</sup> test base.
- More than 30 sets production equipment can produce the most advanced and reliable products in country
- The production scale achieved 600 sets per year, which is in the leading position in country



## BVEM· A pioneer to optimize construction of vibroflotation method

In 1997, the construction of the dam in the second phase of the three gorges project was carried out in the process of 30m deep throwing sand blasting

For the first time in 2001, the chimney foundation of the dingzhou power plant of 240m was strengthened by vibro-shock method

In 2005, we developed the first integrated bottom feed vibrator of China, the vibroflotation method began to treat the soft base of the soil whose  $C_u$ (shear strength) is less than 20KPa

In 2007, hydraulic vibrator was used to handle the foundation of the pudu river power station,.This is the first time the treated depth achieved 32.7m in China

In 2014, the first YZ125KW hydraulic vibrator was developed





# BVEM · A innovator leading the industry



40 national invention patents and utility model patents

Editor-in-chief of industry standards  
<Technical Specification of Vibroflotation Method in Hydroelectric and Water Resources Projects> (DL/T5214-2005) and  
<Electrical Deep Vibrator> (DL/T 1557-2016)



## BVEM· The stormer of challengable project



长江三峡左右岸围堰加密



港珠澳大桥香港人工岛



曹妃甸原油储油罐基础



定州定州电厂240米高烟囱



云南向家坝一期围堰边坡



普渡河鲁基厂水电站



The first domestic use of 75KW vibrator for the 30-meter depth sand soil treatment(three gorges project)



The first domestic use of hydraulic vibrator for the treatment of the 240-meter chimney foundation



The first domestic use of hydulic vibrator for the treatment of 32m depth foundation of hydraulic power station



The first one in China who treated the base f oil storage tank with a diameter of more than 60m by vibroflotation method



## BVEM· Participants in important overseas projects



马来西亚关丹港新的深水码头填海工程1期

Redamation works phase 1 for new deep water terminal at Kuantan port, Malaysia



孟加拉火电站基础建设振冲挤密桩

Bangladesh power-stations infrastructure vibroflotation compaction pile



迪拜德拉群岛开发振冲挤密桩

Dubai islands Della development of vibroflotation compaction pile



阿尔及利亚skikda 500万吨年凝析油项目基础处理振冲桩

Vibroflot pile for 5 million tons annual condensate oil project in skikda, Algeria

BVEM has participated in the construction and equipment supply of more than 30 large foreign projects



# BVEM· Major players in different industries



乌拉山电厂



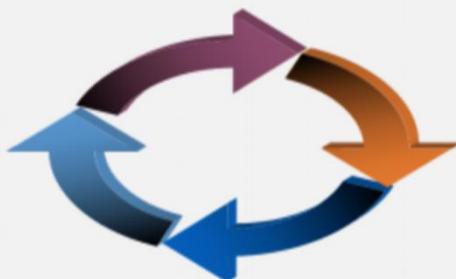
大连港永久挡墙



马来西亚双轨道铁道工程



普渡河鲁基厂水电站



港珠澳大桥



鲛鱼圈油罐港



港冀东油田人工岛



澳门国际机场

Thermal power	Plant, chimney, cooling tower
Hydraulic power	Plant, dam, cofferdam
Petro chemical	equipment, oil tank
Rail	Station, rail, tunnel
Highway	highway, bridge, tunnel
Airport	runway, terminal
Harbor	warf, bunding
Reclamation	backfill



## BVEM· Diversified business model



### Diversified business model:

#### Business focus:

- ◆ Vibrofation market

#### Business platform:

- ◆ Product reseach/manufacture
- ◆ product sales and service
- ◆ Construction management



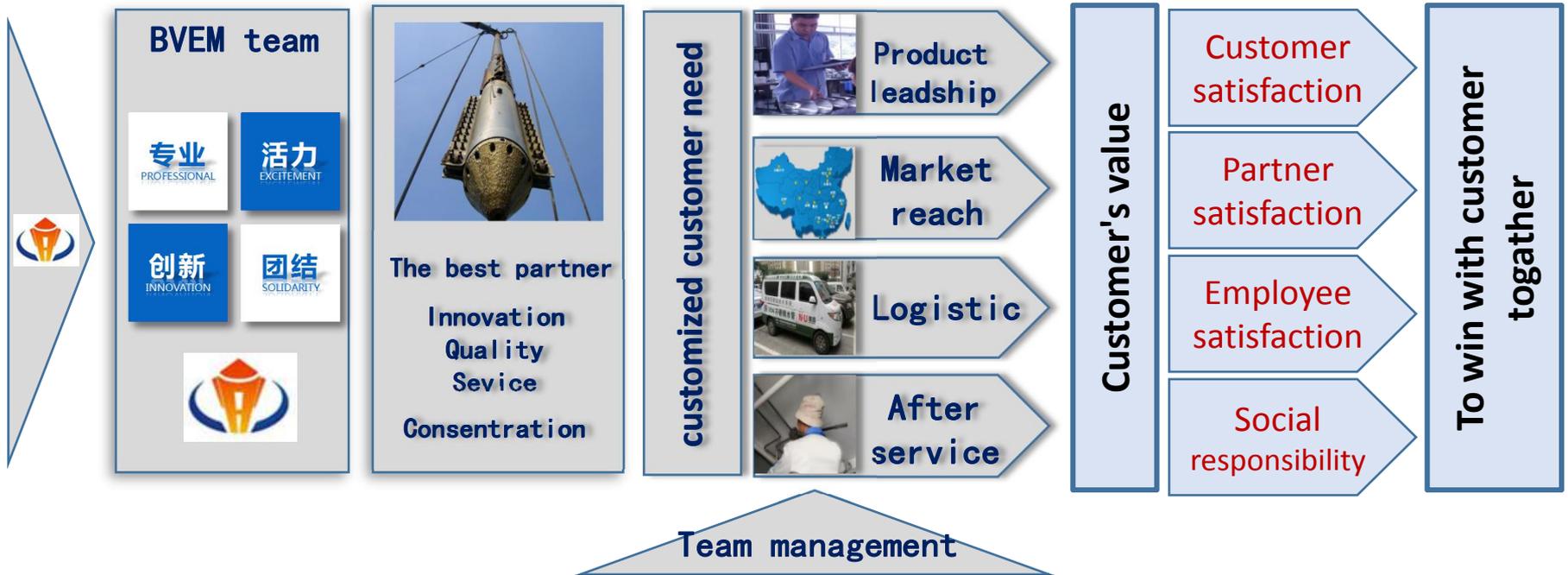
## BVEM· Market reach and technical service



BVEM has established a nationwide market coverage, and has provided high-quality products and construction services for the construction of nearly 10 overseas countries



# BVEM· The goal of “outperform to service vibroflotation”





**BVEM, to create the better future with you together**