



DDC

DUTCH DRILLING CONSULTANTS



“Market leader Offshore Wind Farms”



Company

COMPANY PROFILE

Dutch Drilling Consultants (DDC) is specialized in vertical drilling in all kind of soils. We are market leader in the Offshore Wind Farm (OWF) projects. Besides the big renewable projects DDC is active in all kind of projects varying from onshore, near shore to offshore all over the world. For example we drilled foundations for bridges, jetties, oil/gas platforms and ventilation shafts for tunnels.

Our office is in Waddinxveen, the Netherlands and our yard is in Ridderkerk, near the Rotterdam harbor. We have our own engineering department. We always looking for the best practical solutions in close cooperation with our clients and we take in account the economic feasibility. At the yard we assemble the constructions and make the equipment ready for transport to projects all over the world.

HISTORY

Ad Kamp founded in 1987 Kamp Drilling Consultants B.V. The first project was the Goodwyn "A" Platform. After acquisition of Drilcon Benelux in 1998 it became Dutch Drilling Consultants BV. It is a family owned and operated business with currently more than 60 years of experience in the field of drilling.

In 1994 Ad Kamp bought the first two Pile Top Drilling rigs, many more are followed. In 2011 our technical department developed and realized the first Self Supporting Drilling Unit, the PBA 1450, in the world.

In 2005 we did our first Offshore Wind Farm (OWF) project, the Burbo bank in England and in 2012 we became the market leader in OWF. In 2013 we drilled the foundation of the biggest Wind turbine in de world. (Fife, Scotland)



Services



DRILLING SPECIALIST

DDC is the Drilling specialist known for sound consultation and advice. We are looking in close cooperation with our clients for the best practical solution. Our in-house engineering department has designed the most challenging projects all over the world. Our drilling personnel has extensive field experience and have made many projects to success.

DEALERSHIP

AkerSolutions Wirth Pile Top Drill Rigs

Klemm bohrtechnik

Häny grouting systems



- Drilling services worldwide
- Engineering and consultancy
- Production of drill components and tools
- Trained and experienced drilling personnel

Pile top drilling



REVERSE CIRCULATION DRILLING

Reverse Circulation Drilling (RCD) also known as airlift, is a system which injected compressed air into the drill pipe below water level, just above the drill bit. Because of the difference in density the mixture of water, air and cuttings is flushed out of the drill string through the discharge.

APPLICATIONS

Renewables

- Tidal systems
- Wind farms

Offshore

- Oil and gas structures

Near shore

- Harbors
- Jetties
- Dry docks
- Dolphins

Onshore

- Bridges
- Large buildings
- Riser shafts mining



Drill rigs



DDC DRILL RIGS

PBA 810/408

- Up to 1,5 m diameter
- Need external auxiliaries equipment
- Small and good handling drill rig
- Suitable for jackets, anchors, bridges, ect.



PBA 936

- Up to 5 m diameter
- Need external auxiliaries equipment
- Robust heavy duty drill rig
- Suitable for mono-piles wind farms, ect.



PBA 1450

- Up to 7 m diameter
- Self Supporting Drill Unit
- Suitable for offshore drilling

Advantages:

1. Completely self supporting
 - All facilities on board to carry out continuous drilling around the clock
 - Welfare facilities for a 12 hour stay
2. One piece installation
 - Drill rig, Extension Piece and BHA installed on the MP in one lift.
 - Saves installation time
3. No need for support (crane)ship
 - Once installed the crane ship can continue normal installation work
 - Saves project time

Engineering

ENGINEERING

Each drilling project has its own cathartics. With our knowledge we can find the best solution for your project. Our engineer department has solved many environmental challenging subjects.

DRILL STRING

DDC can provide complete drill strings or the components you need.

- Drill pipes
- Drill pipe stabilizer
- Bottom Hole Assembly (BHA)
 - Cross over
 - Drill collar
 - Drill collar stabilizer
 - Under reamer
 - Drill bit
 - Cutters

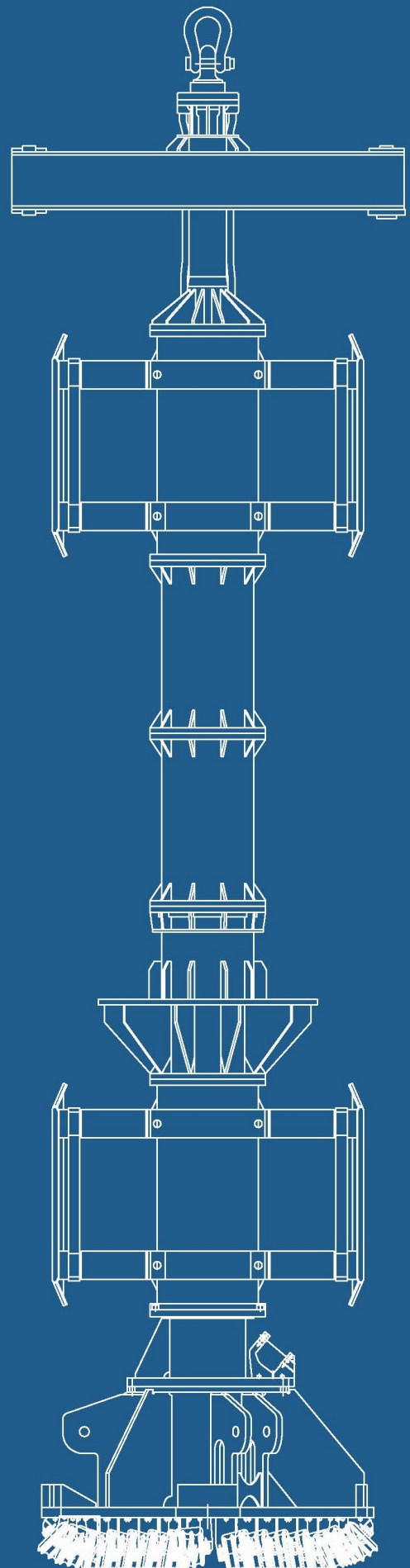
DRILL RIG COMPONENTS

- Pile top adapter
- Hang off beam
- Sea fastening frame

DISCHARGE TREATMENT

In the event when discharge cannot be deposited directly on land or in the water, we can provide two settlement systems:

- Open system. (clean water flows freely back)
- Closed system (clean water is reused)



Reference

Baltic 2 Offshore Wind Farm

Client:

EnBW Baltic 2 GmbH

Main contractor:

ArGe Baltic 2 Foundations

Location:

Rostock, Baltic sea, Germany

Date:

September 2013 – December 2013



West of Duddon Sand (Wods) Wind Farm

Client:

Morecambe Wind Ltd

Main contractor:

Dong Energy

Location:

Irish sea, UK

Date:

September 2013 – December 2013



Samsung Wind Turbine Prototype

Client:

Samsung Heavy Industries

Main contractor:

Graham Constructions

Location:

Fife Energy Park, Methill, Scotland

Date:

May 2013 – July 2013



LNG Jetty

Client:

Esso

Main contractor:

BAM/Clough JV

Location:

Port Moresby, Papua New Guinea

Date:

December 2011 - May 2012



Reference

Jetty Extension Pier "E"

Client:

Dover Harbour Board

Main contractor:

Herbosch-Kiere Marine Constructors Ltd.

Location:

Port of Dover, UK

Date:

October 2010 - November 2010



Parking Garage Anna van Bueren

Client:

Ballast Nedam Infra

Main contractor:

Government

Location:

The Hague, The Netherlands

Date:

September 2009 – October 2009



Main brine intake pumping station Jordan

Client:

Arab Potash Company Ltd.

Main contractor:

Tartilar

Location:

Joordan

Date:

August 2009 - February 2010



Gunfleet Sands Offshore Wind Farm

Client:

Dong Energy Power

Main contractor:

MTHøjgaard A/S

Location:

Northern Thames-Estuary UK

Date:

March 2009 - August 2009





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