



## DCN DEEPWATER AIRLIFT DREDGER

### Introduction

DCN Airlift Suction dredger is a portable dredger designed to be transported by road. The Airlift consist of 2 pipes to create a telescopic suction pipe to work in areas with fluctuating water levels. The Dredger is completely electrical driven from a central control unit.

### Technical specifications

#### **Dimensions**

75.60 x 17.06 x 6.85 m

#### **4 point mooring system**

4x15 ton winches

#### **Dredge depth**

Max. 75 m

Min. 38 m

#### **Dredge capacity (depending on material)**

800 m<sup>3</sup>/hr

#### **Air compressor power (Electric)**

150 KW

#### **Air compressor flow**

11,1 m<sup>3</sup>/min @ 7 bar

### Equipment summary

#### **Airlift dredger system consisting of:**

- Modular pontoon units
- Control cabin
- Airlift
- Jet water pump
- Airlift winch
- Compressor
- Vibrating strainer screen (rock/debris separator)
- Conveyor belt and booster pump (dredge slump), completed by railing
- Floating discharge pipeline and dump barge
- Floating electrical power support cable