



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 m³/hr

Air compressor power (Electric)

150 KW

Air compressor flow

11,1 m³/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