DOP DREDGER 200

PICTURE OF SIMILAR VESSEL

GENERAL
Type DD 200
Basic functions Capital mining and maintenance dredging

DREDGING FEATURES
Max. dredging depth -29m
Max. mixture capacity 800 m³/h
Max. total head 5.0 bar

DREDGE INSTALLATION
Dredge pump type BP2020MD
Max. power at pump shaft 120 kW
Diameter suction/discharge pipe 200 mm
Spherical passage pump 125 mm
Cutter type Crown model (with serrated edge)
Cutter power 17 kW
Cutter diameter 700 mm

HYDRAULIC POWER PACK
Hydraulic flow max. 395 L/min
Hydraulic pressure max. 275 bar
Hydraulic installation Driving DOP200, cutter and winches

PRINCIPAL DIMENSIONS
Length o.a. 44.30 m
Length over pontoons 36.90 m
Beam o.a. 7.35 m
Depth 1.80 m
Draught 1.30 m
Air draught 5.90 m
Total weight 73 tons

TANK CAPACITIES
Fuel oil approx. 5.00 m³

DECK MACHINERY
Hoisting winch Hydraulic, 40 kN, 0-25 m/min
Maneuvering winches (4x) Hydraulic, 20 kN, 0-25 m/min

INSTRUMENTATION
Dredging depth indicator
Vacuum and pressure indication of dredge pump

REMARKABLE FEATURES
Dismountable design which allows transport by road
Spacious ergonomic designed control cabin
One operator can control the entire dredger from the control cabin
Transportable in standard Open Top Containers