



# Dredge-X800

Backhoe pontoon dredger w/Liebherr P9800

The FKAB/HollandMT Dredge-X800 design is a Backhoe Pontoon Dredger accommodating a Liebherr P9800. The Dredge-X800 is fitted with 2 fixed spuds and one "walking" forward spud. All spuds can be tilted by cylinders, with wires still attached and can be fastened horizontal on deck for (sea-) towage. The hull is a sturdy welded construction with double bottom and sides.

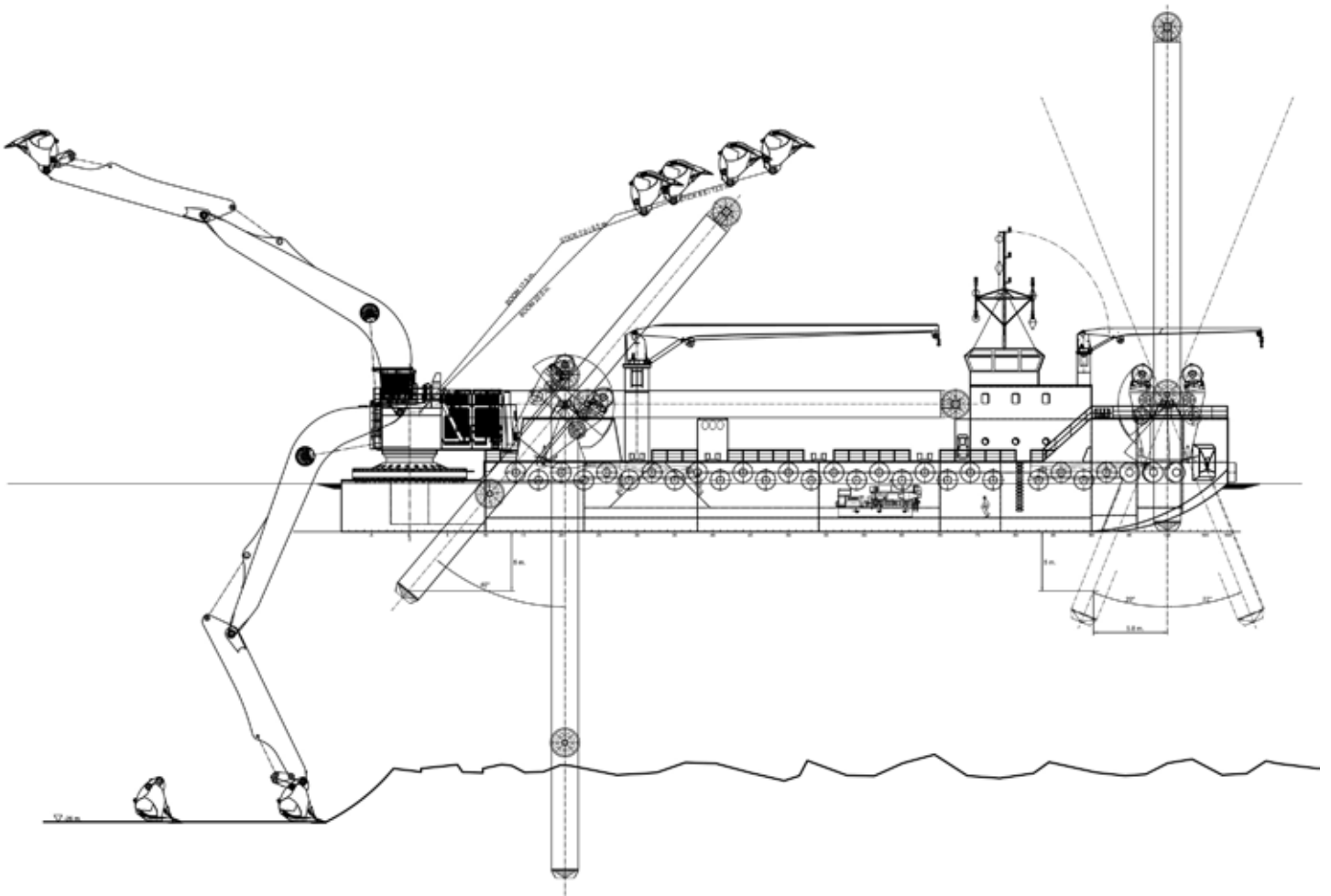
The hydraulics of the excavator is driven by electric motors located in the excavator. Electric power is generated by diesel generators, located in a dedicated engine room in the pontoon and are cooled by box coolers. Hydraulic power for spud operations (hoisting, lowering, tilting) is generated by a powerpack installed in the pontoon.

A number of boom, stick and bucket arrangements are available as well as other attachments like grabs, rippers, etc.

Accommodation is located at the forward end of the vessel, suitable for 9 persons.

## MAIN FIGURES

Dredging depth	~26.0 m
Excavator	Liebherr P9800



## MAIN PARTICULARS

Length over all	70.2 m	Excavator	Liebherr P9800
Breadth mld	20.0 m	Generator power	3 500 kW
Depth mld	4.0/5.5 m	Harbour/emergency generator power	150 kW
Draught	~3.5 m	Accommodation	9 persons
Dredging depth	~26.0 m		

## OPTIONAL

- Propulsion for positioning
- Service crane
- Extended accomodation
- Various backhoe attachments