



# Baldur

Backhoe Pontoon Dredger Komatsu PC5500

## GENERAL

Baldur is a Backhoe Pontoon Dredger accommodating a Komatsu PC5500. But is prepared for a future installation of a Bucyrus RH400. Baldur is fitted with 2 fixed spuds and one "walking" forward spud. All spuds can be tilted and can be fastened horizontal on deck for (sea-) towage. All spuds are fitted with two winches which will prevent from losing a spud in case of wire breaks. The hull is a sturdy welded construction with double bottom and sides. Spuds are made for a depth of 24 m and are prepared for a future lengthening to 30 m depth.

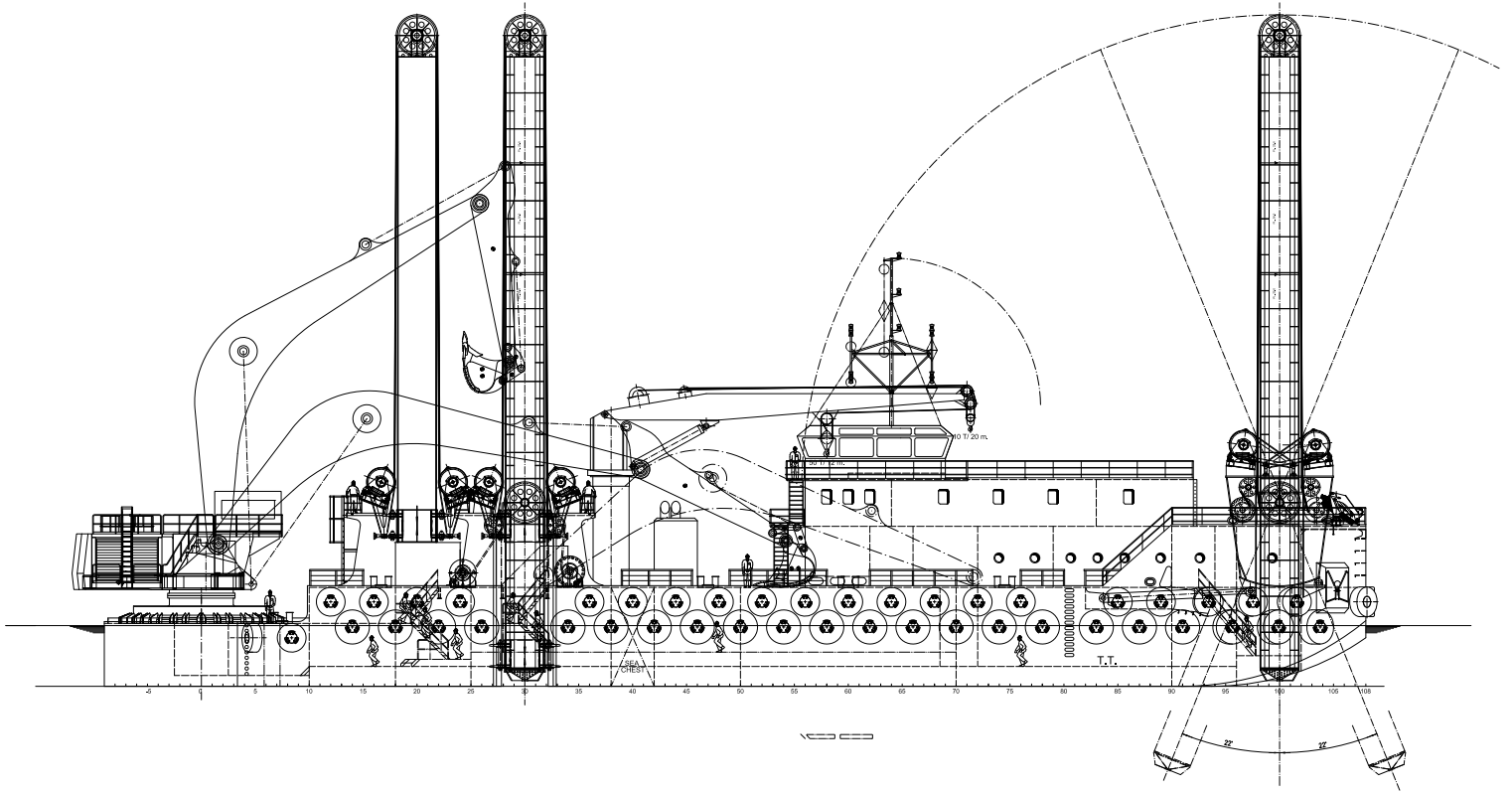
Electric power is generated by diesel generators, located in a dedicated engine room in the pontoon and are cooled by box coolers. Hydraulic power for spud operations (hoisting, lowering, tilting) is generated by a powerpack installed in the pontoon.

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 12 persons.

## MAIN FIGURES

Dredging depth	19 m (future 30 m)
Excavator	Komatsu PC5500



## MAIN PARTICULARS

Length over all	73.1 m	Excavator	Komatsu PC5500
Breadth mld	19.0 m	Total installed power	3 160 kW
Depth mld	5.5 m	Accommodation	12 persons
Draught	3.38 m	Spud length	34.0 m
Dredging depth	19.0 m	Bucket capacity	24 m <sup>3</sup>