



KAO 505

2 400 m³ TSHD

GENERAL

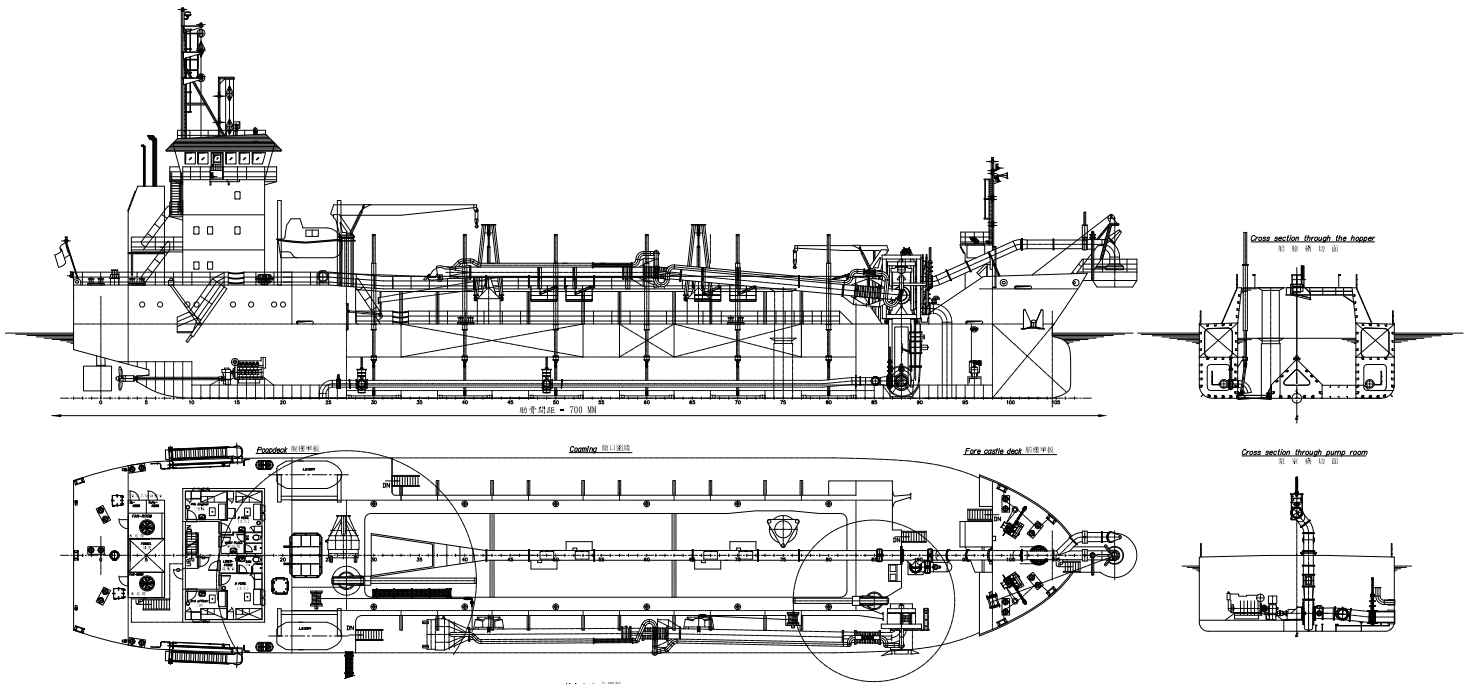
The Vessel is designed and constructed as a twin shaft with nozzles, diesel driven trailing suction hopper dredger (TSHD) with machinery space and all accommodations including Navigation Bridge located aft. Pump room is located forwards of the Hopper space. Dredging up to 25 m.

Free passage from engine room to pumproom forward. Above this passage way waterballast tanks and fuel oil tanks are located.

The dredger is fitted with one trailer suction pipe. The load can be discharge through two rows of single type box-shaped bottom doors, by back-pumping ti the seabed or into a trench through the suction pipe, over the bow as rainbowing or through the bow connection to a pipe line. The dredgepump, located in the pumproom driven by a diesel engine through a reduction gear box.

MAIN FIGURES

Hopper capacity	2 400 m ³
Length over all	83,3 m



MAIN PARTICULARS

Length over all	83,3 m	Gross Tonnage	2 682 tonnes
Length between PP	75,0 m	Crew	20
Breadth mld	15,9 m	Service Speed	11,0 Knots
Depth mld	4,5 m	Dredging depth	25 m
Draught navigation	4,5 m	Main engine	2 x 500 kW
Draught dredging	5,0 m	Bow thruster	300 kW
Deadweightnavigation	2 816 tonnes		

CLASS

BV I +Hull +Mach, Hopper Dredger, Unrestrictednavigation - dredging over 15 miles from shore. CPS (WBT).