

CRANE BARGE

CMT 1

1000MT SHEER LEG CRANE



- **RETRACTABLE BOOM DESIGN**
- **2 X 500MT MAIN BLOCK**
- **8-POINT MOORING SYSTEM**

❖ GENERAL DATA

■ Ship Name:	CMT1
■ Classification:	BV
■ Flag:	Panama
■ Year of Built:	2015

❖ MAIN PARTICULARS

■ Length O.A.:	91.04 m
■ Breadth:	30 m
■ Depth:	7 m
■ Gross Tonnage:	6036
■ Net Tonnage:	1810
■ Working Draft:	4.2 m
■ Deck Load:	5 t/m ²

❖ MACHINERY

■ Main Genset:	2 X 1103kW
■ Aux. Genset #1:	1 X 300kW
■ Aux. Genset #2:	1 X 120kW
■ Ballast Pumps:	2 X 300m ³ /h
■ Sewage Treatment Plant:	2400L/day
■ Air Compressor:	Main: 2X 39m ³ /h@3Mpa
■ Fire-Fighting:	1 X 60 m ³ /h @0.5Mpa Fire Pump with 1 X 60 m ³ /h Em. Fire Pump 1 X 100 m ³ /h @0.6Mpa General Pump CO2 & Water mist for Engine Room

❖ ACCOMMODATION

■ 18 bunks in 6 cabins:

- 4 X 4M cabins
- 2 X 1M cabins

Accommodation for total 18 persons, with mess rooms, galley, conference rooms etc.

❖ TANK CAPACITIES

■ Diesel Oil:	316 m ³
■ Fresh/Drink Water:	577 m ³

❖ LIFTING CAPACITY

■ Sheer Leg Crane Main Hoist:	
Capacity:	2 x 500 mt
Radius:	23.3 m ~70.0 m
Lifting Height:	70 m
■ Sheer Leg Crane Aux Hoist:	
Capacity:	1 x 300 mt
Radius:	26.4 m ~75.0 m
Lifting Height:	76 m
■ Sheer Leg Crane Rigging Block:	
Capacity:	1 x 15 mt
■ Pedestal Crane @ portside:	
Capacity:	15 mt / 26 m

❖ DECK EQUIPMENT

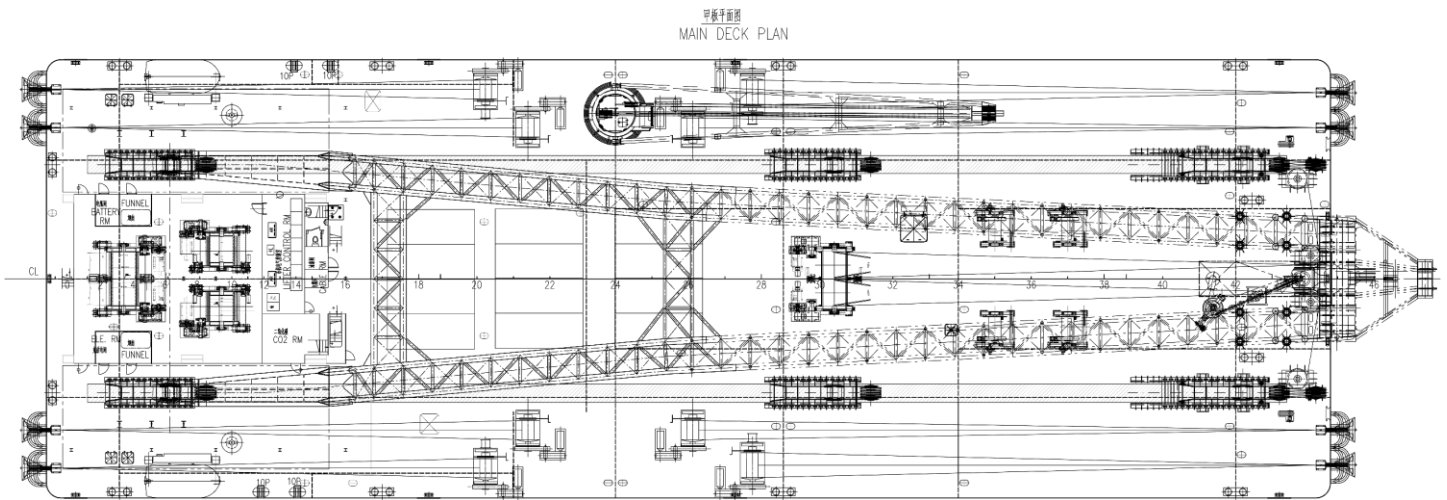
■ Position Mooring Winch:	
Rate Pull:	8 sets X 300KN
Drum:	Φ 48mm X 800m
Anchor:	8 sets X 7.5 mt
■ Windlass :	1 X 450KN
Chain Dia:	Φ 68mm
Chain Length:	305 m
Anchor:	7.8 mt

❖ NAVIGATION & COMMUNICATION

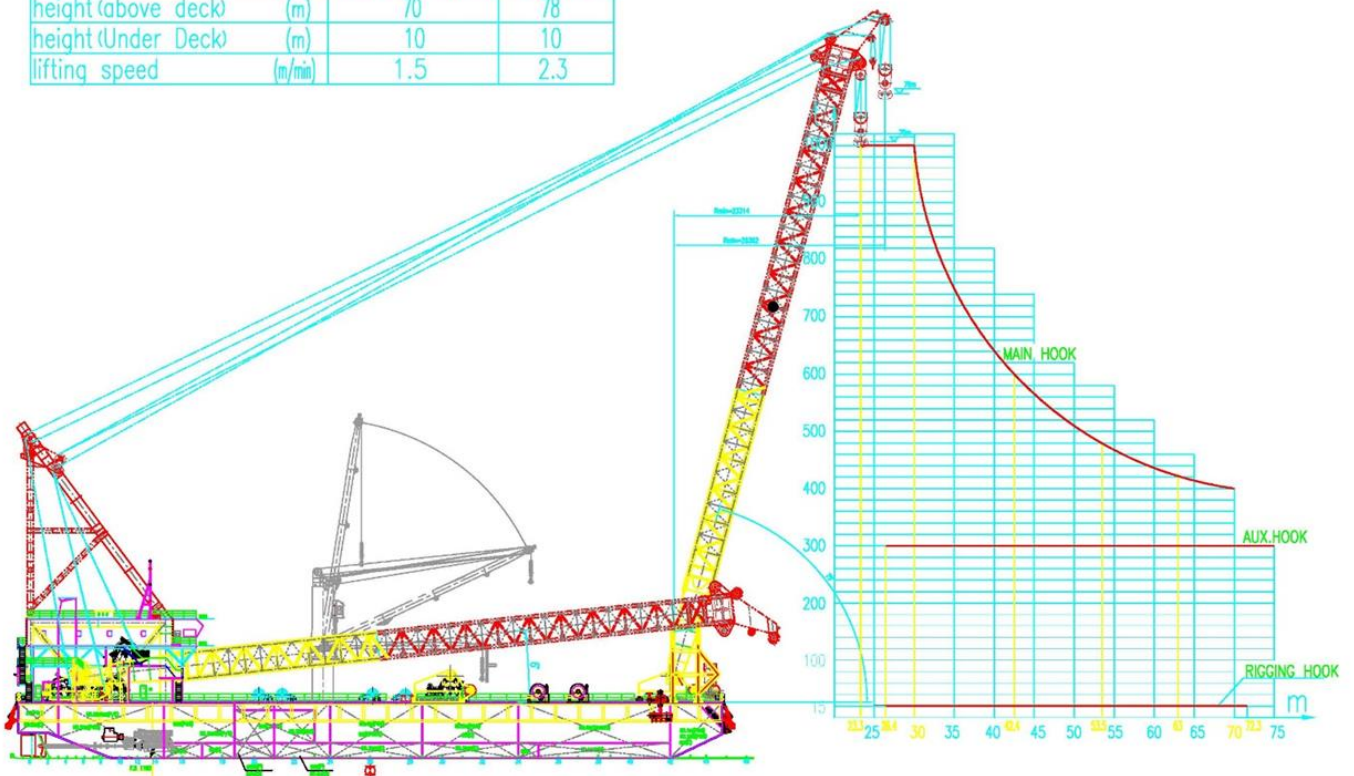
■ Radar:	1
■ Gyro:	1
■ DGPS:	1
■ Magnetic Compass:	1
■ Communication:	VSAT / Fax / Phone



GENERAL ARRANGEMENT & LIFTING CHART



		main hook				aux. hook	
lifting capacity	(t)	500x2	500x2	300x2	200x2	300	300
radius	(m)	23.3	30	42.4	69.3	26.4	75.2
height (above deck)	(m)	70				78	
height (Under Deck)	(m)	10				10	
lifting speed	(m/min)	1.5				2.3	



HUAXICUN OFFSHORE ENGINEERING SERVICES CO., LTD.
 10 Tuanjie Road, Jingang Town,
 Zhangjiagang, Jiangsu,
 China
 Website: www.hxoes.com
 Email: hxoes@hxoes.com

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